



Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

NAAC Accredited with 'A++' Grade

Ph.: 07104-242919, 242623, 242588

Website : www.ycce.edu E-mail : principal@ycce.edu

Summary of 3.4.2 (Year 2023-24)

Number of PhD scholars registered per teacher (as per the data given w.r.t recognised PhD guides / supervisors provided in 3.2.3 metric).

Year	2023-24
No. of PhD scholars registered	84
No. of recognised supervisors	72
No. of PhD Scholars per Supervisor	1.16 %

Supporting Documents:

1. Supervisor recognition letter
2. Scholars Registration letter



Geetika

Principal
Yeshwantrao Chavan
College of Engineering
Wanadongri Hingna Road,
NAGPUR - 441110



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1511

Dated : 01-06-2022

To ,

Atul Sambhuji Kurzekar
FLAT NO G001 FREEN FIELD SOCIETY 1
NEAR SUTGIRANI NEAR D MART
WANADONGARI HINGANA ROAD NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100974114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- Development of Geopolymer Concrete with Fly ash aggregate and demolition waste as ingredients

Supervisor :- Dr. U. P. Waghe

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. U. P. Waghe (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1522

Dated : 01-06-2022

To ,

Radhika Suresh Thakre

House no. 9, plot no. 32-37, Pioneer society, Agney laout, Swawlambi
nagar, behind DTDC courier office, Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202102346114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Development of Geotechnical Risk Evaluation Framework for
Transportation Projects

Supervisor :- Dr. U.P. Waghe

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. U.P. Waghe (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1512

Dated : 01-06-2022

To ,

Sadhana Gurmukh Motwani
TRIMUTEE NAGAR, NEAR BHANGE LAWNS
Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101427114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- Investigation on Stabilization of pavement sub bases
using different materials and techniques

Supervisor :- Dr. U.P. Waghe

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

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- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
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- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
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- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
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Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

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- 1) Name of Supervisor : Dr. U.P. Waghe (Supervisor)
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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1502

Dated : 31-05-2022

To ,

Yogesh Prabhakar Rao Kherde

House No 9, Plot 32-37, Pioneer Society, Agney Layout, SWALAMBI
Nagar, Near Khamala

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100450114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Infrastructure Risk Assessment of High Speed Rail Alignments

Supervisor :- Dr. U.P. Waghe

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

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- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. U.P. Waghe (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/271

Dated : 23-Dec-2023

To ,

Sagar Wasudeo Dhengare

Flat no. 113, Krishna Landmark apartment, Building A1, Near Rose
Lawn, Ashtavinayak Road, Wanadongari, Taluka-Hingna, Dist.
Nagpur-441110

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG20230306663

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **17/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Performance Evaluation of Quaternary Concrete by using Sugarcane
Bagasse ash, Copper Slag and Hatchery Waste

Supervisor :- Dr. U.P.Waghe

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 24/08/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17thMay, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

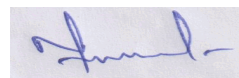
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. U.P.Waghe **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)

Examination Bhawan, Laxminarayan Institute of Technology Premises, Rashtrasant Tukadoji
Maharaj Nagpur University, Nagpur-440033

NO. RTMNU/ Ph.D cELL/rrc./May.-2019/ 273

Dated : 13-05-2019

To ,

AJAY NAMDEORAO BURILE

301, Heeral Residency, New Subhedar
Layout, Near Shani Mandir Road, Nagpur

9975497386

Subject : - Registration for Ph.D Degree Part Time

Sir/Madam ,

This is to inform you that the Research and Recognition Committee meeting held on **13-05-2019** has accepted your application for Registration for Ph.D. Degree in the subject of **CIVIL ENGINEERING** under the faculty of **Faculty of Science & Technology** The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research :- **REMOVAL OF HEAVY METALS FROM UNTREATED DRINKING WATER BY USING AGROBASE ADSORBENT.**

Supervisor :- **Dr. Shantanu Ramkrishna Khandeshwar**

Place of Research :- **Yeshwantrao Chavan College of Engineering Nagpur**

Date Of Registration :- **13-05-2019 00:00:00**

Specific Suggestion made
by RRC:-

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 23/2018** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 4 and 5 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. **(Proforma enclosed)**
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if

it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.

10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) **The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.**
- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
Ph.D. Cell
Rashtrasant Tukadoji
Maharaj

Copy forwarded to :-

1) Dr. Shantanu Ramkrishna Khandeshwar

(Supervisor)

2) The principal /director/Head,(Place of Research)

Yeshwantrao Chavan College of Engineering Nagpur

The Head ,Place of Research,After the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the direction No.23/2018.

If fails to submit three progress report consecutively initiate the process of cancellation ohPH.D Registration.



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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1514

Dated : 01-06-2022

To ,

Akash Avinash Kaley

RAMNAGAR S. T. DEPOT ROAD NEAR SHRI PRINTING PRESS

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100456114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- QUALITY Assessment OF WATER AND SOIL DUE
TO POLLUTION CAUSED BY THERMAL POWER PLANTS

Supervisor :- DR. SHANTANU R. KHANDESHWAR

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : DR. SHANTANU R. KHANDESHWAR (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1505

Dated : 01-06-2022

To ,

Ankush Naresh Asati

B-1/16, PATRAKARSAHNIWAS, NEAR MAHARAJBAGH SQUARE,
NAGPUR-440010 (M.S.)

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101386114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- DEVELOPMENT OF CONSTRUCTION MATERIALS
and Elements USING different Ashes

Supervisor :- Dr. S. R. Khandeshwar

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. S. R. Khandeshwar (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1509

Dated : 01-06-2022

To ,

Ekta Dhande

C/o Mr. Tularam B Meshram, 4/16 Vidharbha housing board colony,
Balabhaupeth, near Shitlamata Mandir, Nagpur -440017

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100487114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- "Modified Title :- Development and Performance Evaluation OF
PHYTOREMEDIATION SYSTEM for the treatment of Waste Water"

Supervisor :- Dr. S R Khandeshwar

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. S R Khandeshwar (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1508

Dated : 01-06-2022

To ,

Pallavi Chakole

PLOT NO. 700 NEW ANAND NAGAR, BINAKI LAYOUT
NEAR NIKUNJ SCHOOL, B/H DATTA MANDIR
DR. AMBEDKAR MARG

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101855114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- Development of Modified Media in Rotating Biological
Contactor (RBC) for Treatment
of Waste Water

Supervisor :- DR.AJAY.RAMDAS.GAJBHIYE

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : DR.AJAY.RAMDAS.GAJBHIYE (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1503

Dated : 31-05-2022

To ,

Snehal Karunkumar Kamble

PLOT NO. 31, MIRE LAYOUT, BEHINDE DATTA MANDIR, BHANDE
PLOT SQUARE, NANDANVAN, NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101046114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- DEVELOPMENT AND ANALYSIS OF VALUE ADDED PRODUCTS
BY USING SEWAGE SLUDGE FOR SUSTAINABILITY

Supervisor :- Dr. AJAY RAMDAS GAJBHIYE

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. AJAY RAMDAS GAJBHIYE (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Board of Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/ Ph.D CELL/RRC./2020/R1/

128

Dated : 07-08-2020

To ,
Uday Singh Patil

**Flat No.203, Elina Classic Apptt. Bh
Chakrapani College Central Rly,
Coloy, Onkarnagar, Nagpur-440027**

Subject : - Registration for Ph.D Degree **Part Time Mode**

Sir/Madam ,

This is to inform you that the Research and Recognition Committee meeting held on 24-02-2020 has accepted your application for Registration for Ph.D. Degree in the subject of

Civil Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :-

**Development of Sustainable construction material using textile effluent
sludge from Vidarbha Region**

Supervisor :-

Dr. S. P. Raut

Place of Research :-

Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :-

24-02-2020

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 32/2019** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a years for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 4 and 5 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research.
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be

cancelled.

10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) **The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.**
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- d) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their thesis to the in-Charge, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The In-Charge, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The In-Charge, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
Ph.D. Cell

Copy forwarded to :-

- 1) **Dr. S. P. Raut** (Supervisor) Civil Engineering Department, Yeshwantrao College of Engineering,
Nagpur
- 2) The principal /director/Head,(Place of Research) **Yeshwantrao Chavan College of Engineering Nagpur**

The Head ,Place of Research,After the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the direction No.32/2019

* Please inform supervisor email and mobile no to ph.d cell.



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1507

Dated : 01-06-2022

To ,

Sanket Gajanan Kalamkar

F3, SECOND FLOOR, ARTI APPERTMENT, REJENDRA NAGAR,
BEHIND VASUDEO NAGAR METRO STATION, NAGPUR-440036

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101916114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 22/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- Design and Development of Improved Pervious
Concrete

Supervisor :- Dr Sanjay P. Raut

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr Sanjay P. Raut (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/155

Dated : 22-Dec-2023

To ,

Nikhil Vinayak Deshmukh

50, VINOBA GRAM SOCIETY, NEAR MCVC MOKHARE COLLEGE,
INDRAPRASTHA NAGAR, NAGPUR - 440022

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303487355

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **17/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- DEVELOPMENT OF PHASE CHANGE CONCRETE PANEL USING
AGRO-INDUSTRIAL WASTES.

Supervisor :- DR. SANJAY P. RAUT

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 04/01/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) **Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.**

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) **During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.**

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

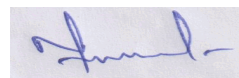
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : DR. SANJAY P. RAUT (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1805

Dated : 21-06-2022

To ,

Vivek Dnyandeo Jayale

Plot No 117, Anjangoan Road, near Gajanan Apartment, Hanuman Nagar
Akot, 444101 Dist Akola, Maharashtra

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101265114

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 23/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

CIVIL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Development of effective prediction techniques for condition
assessment of concrete structures

Supervisor :- Dr A.V. Patil

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 23/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr A.V. Patil (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Board of Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/ Ph.D CELL/RRC./2020/R1/

089

Dated : 06-08-2020

To ,
MADHAO BALIRAM BHAMBERE

**Qtr. 7, Sant Tukaram Bhavan, Shree
Gajanan Maharaj College of
Engineering Campus, Shegaon,
Tah-Buldhana-444203**

Subject : - Registration for Ph.D Degree **Part Time Mode**

Sir/Madam ,

This is to inform you that the Research and Recognition Committee meeting held on 27-02-2020 has accepted your application for Registration for Ph.D. Degree in the subject of

Mechanical Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- **Experimental Investigation of Heat Transfer through perforated fins of Electric Motor and formulation of mathematical model**

Supervisor :- **Dr. Sharad S Chaudhari**

Place of Research :- **Yeshwantrao Chavan College of Engineering Nagpur**

Date Of Registration :- 27-02-2020

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 32/2019** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a years for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 4 and 5 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research.
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be


cancelled.

10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) **The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.**
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- d) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their thesis to the in-Charge, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The In-Charge, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The In-Charge, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
Ph.D. Cell

Copy forwarded to :-

- 1) **Dr. Sharad S Chaudhari** (Supervisor) Head, Mechanical Engineering Department, YCCE,Wanadongari,
Hingna road, Nagpur
- 2) The principal /director/Head,(Place of Research) **Yeshwantrao Chavan College of Engineering Nagpur**

The Head ,Place of Research,After the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the direction No.32/2019

* Please inform supervisor email and mobile no to ph.d cell.



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1641

Dated : 04-06-2022

To ,

Ajinkya Prakash Edlabadkar

FLAT NO:-12 SHRIRAMJEEVAN APPARTMENT KRIDA SQUARE
HANUMANNAGAR NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101388115

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 25/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

Mechanical Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Experimental Investigation on flow of molten metal of Sand-Casting Process for Optimal Performance, to Minimize Defects and Quality Improvement

Supervisor :- Dr. Sharad Sudhakar Chaudhari

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 25/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Sharad Sudhakar Chaudhari (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1642

Dated : 04-06-2022

To ,

Ku. Albela Himmatarao Pundkar

Flat No. 7H, Building B2/1, Nirmal - 7, Nirmal nagari Society
Near Shitala Mata Mandir, Bapu Nagar, Harapur, Umred Road

Subject : - Registration for Ph.D Degree Full Time

Application Number : PHDRG202100525115

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 25/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

Mechanical Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Experimental investigation on medium temperature range VCR
system for parametric optimization to improve performance using
NL/NR

Supervisor :- Dr. Sharad Sudhakar Chaudhari

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 25/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Sharad Sudhakar Chaudhari (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1579

Dated : 03-06-2022

To ,

Chetan Ambadas Mahatme

A-5 SATKAR APARTMENT 1 DUBEY LAYOUT NEAR HINGNA T-POINT
NAGPUR 440036

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101369115

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 24/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

Mechanical Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Topology Optimization of Digital Imaging and Communication in
Medicine (DICOM) files
for pre-surgical models

Supervisor :- J.P.GIRI

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 24/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : J.P.GIRI (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1577

Dated : 03-06-2022

To ,

Mohammad Sharique Tufail

JANNAT PLOT NO C-2, OPPOSITE AMAN TOWER FLATS, SADIQABAD
ROAD, AWASTHI NAGAR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100747

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 24/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

Mechanical Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Experimental investigation for process parameter optimization of broken tap removal using EDM.

Supervisor :- Dr. Jayant Pratap Giri

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 24/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Jayant Pratap Giri (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1581

Dated : 03-06-2022

To ,

Narendra Janardan Giradkar

Dr. J. R. Giradkar, Plot No. 9, Jeevan Chhaya Society, Beside Haldiram
Restaurent, Padoley Hospital Square, Ring Road, Deendayal Nagar,
Nagpur, Maharashtra-440022

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101355115

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 24/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

Mechanical Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Process Parameter Optimization for Drying of Agricultural Products in
a Fixed Bed Drier

Supervisor :- Dr. J. P. Giri

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 24/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. J. P. Giri (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1640

Dated : 04-06-2022

To ,

Vivek Marotrao Korde

Address for correspondence:

Plot No. 23, Pioneer Society, Flat No. 101-102, Ajinkyamaya Apartment,
Post Khamla, Nagpur-440025.

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100992115

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 25/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

Mechanical Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- Experimental Investigations on Fluidized Bed Drying
of Agricultural Products

Supervisor :- Dr. Jayant P. Giri

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 25/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Jayant P. Giri (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1609

Dated : 03-06-2022

To ,

Mohd. Saquib Anwar

H.NO Q-333 Naya bazar Tajchowk

Kamptee 441002

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101326115

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 25/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

Mechanical Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design, Development and Performance Evaluation of Polymer
Electrolyte membrane Fuel Cell

Supervisor :- Rajkumar Chadge

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 25/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Rajkumar Chadge (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Board of Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/ Ph.D CELL/RRC./2020/R1/

088

Dated : 06-08-2020

To ,

Ashish Premshankar Umarkar

**Design Development & Performance
Evaluation of Direct Liquid Fuel Cell**

Subject : - Registration for Ph.D Degree **Part Time Mode**

Sir/Madam ,

This is to inform you that the Research and Recognition Committee meeting held on 27-01-2020 has accepted your application for Registration for Ph.D. Degree in the subject of

Mechanical Engineering

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :-

Design Development & Performance Evaluation of Direct Liquid Fuel Cell

Supervisor :-

Dr. R. B. Chadge

Place of Research :-

Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :-

27-01-2020

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 32/2019** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a years for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 4 and 5 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research.
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be

cancelled.

10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) **The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.**
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- d) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their thesis to the in-Charge, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The In-Charge, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The In-Charge, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
Ph.D. Cell

Copy forwarded to :-

1) **Dr. R. B. Chadge** (Supervisor) Mechanical Engineering Department YCCE, Nagpur

2) The principal /director/Head,(Place of Research) **Yeshwantrao Chavan College of Engineering Nagpur**

The Head ,Place of Research,After the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the direction No.32/2019

* Please inform supervisor email and mobile no to ph.d cell.



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/1008

Dated : 23-Jan-2024

To ,

Sushil Rajkumar Lanjewar

Plot No. 32, Shreelaxmi Park, Banjara Mata Nagar, Babde Layout, Nr
Waghdara Hanuman Temple, Behind, Sut Girani, Hingna, Nagpur.

Subject : - Registration for Ph.D Degree Full Time

Application Number : PHDRG202303477366

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **15/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

MECHANICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design Optimization and Experimental Analysis of Intelligent weeding
robot for Cotton Plantation using Machine Learning

Supervisor :- Dr. Sandip S. Khedkar

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 20/05/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17thMay, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

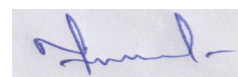
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Sandip S. Khedkar **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/756

Dated : 28-Dec-2023

To ,

Om Kiran Urkande

Gandhi ward no.4 Waigaon (Ni.) Tahsil and District Wardha- 442001,
Maharashtra

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303609595

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **15/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

MECHANICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Structural modification through topological optimization of prosthetic knee
implant

Supervisor :- Dr. Sharad S. Chaudhari

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 24/05/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

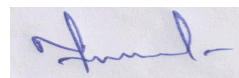
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Sharad S. Chaudhari **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)
Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC/2017/242

Dated : 05/09/2017

To

Mrs. Anuradha Aniket Munshi
507, C- Wing, Harihar's Shanti Heights,
Manishnagar, SBI Building (Manishnagar Branch)
Beltarodi Road, Nagpur-440037

Subject :- Registration for Ph.D. Degree (Full-time/ Part time) application dated
13/01/2017
Reference :- Your Application dated 30.06.2017 Regarding full time to part time Ph.D.
Registration

Sir/Madam,

I am to inform you that the Research and Recognition Committee held on 10/04/2017 has accepted/Considered your application for Registration for Ph.D. Degree in the subject of **Electrical Engineering** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research	: Capability Evaluation of Renewable Energy Sources Considering Forecasting Inadequacies, Demand Side Flexibility and Cost Effectiveness
Supervisor	: Dr. R.M. Moharil, Professors, Yeshwantrao Chavan College of Engineering, Wanadongri, Hingna Road, Nagpur.
Place of Research	: Yeshwantrao Chavan College of Engineering, Wanadongri, Hingna Road, Nagpur
Date of Registration	: 13/01/2017
Suggestion if any	:

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of the Direction No. 1/2016, Direction No. 81/2016 and Direction No. 11/2017. Direction No. 11/2017 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) Full time Ph.D. Degree program shall be for the minimum duration of three years and part time degree program shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.

- 3) Date of Registration will be granted from the date of application received by the University.
- 4) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 5) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 6) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a years for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research.
- 7) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of affidavit on Rs. 100/- Stamp Paper signed by the Candidate, Guide and Head Place of Research.
- 8) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 9) It is necessary for candidate to submit an undertaking from his/her guide/co-guide stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form).
- 10) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her on the basis of misleading/ false /incorrect information, the registration would be liable to be cancelled.
- 11) Candidate will submit the letter of approval/renewal of approval of place of research if it is applicable .

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly retention fee of Rs. 500/- (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for PhD. Preparation. A candidate will be allowed to submit the summary of his/her thesis thirty two months from the certificate of completion of the course where the course work has been completed after registration and in case where the candidate had completed the course work before registration the period of thirty six months shall be counted from the date of registration. .
- d) At least three months before the date of submission of the summary of the thesis, each candidate shall give a pre-submission presentation. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the Guide.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/referred journal peer reviewed journal/ journal with ISSN or ISBN, relating to

his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.

- f) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) Dr. R.M. Moharil, Professor, & (Supervisor) Yeshwantrao Chavan College of Engineering Wanadongri, Hingna Road, Nagpur.
- 2) The Head, (Place of Research) Yeshwantrao Chavan College of Engineering Wanadongri, Hingna Road, Nagpur.

The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No 1/2016, 81/2016 and the Direction No. 11/2017..



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/ 1019

Dated : 29/12/2018

To

Mrs. Nivedita Swapnil Padole
16, Ghate Layout, Hudkeshwar Road,
behind Modhekar Hospital
Nagpur-440034

Subject :- Registration for Ph.D. Degree (Full-time/ Part time)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **26/10/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Electrical Engineering** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **Modified Title :- Impact of High Renewable Energy Penetration in L,V, Distribution System: An Investigation, Analysis and Mitigation**

Supervisor : **Dr. R.M. Moharil**

Place of Research : **Yeshwantrao Chavan College of Engineering, Nagpur**

Date of Registration : **26/10/2018**

Specific Suggestion made :
by RRC

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

1) Your application has been considered as per the provisions of the **Direction No. 37/2017** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .

2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.

4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,

5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a years for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,

6) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. (**Proforma enclosed**)

7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.

8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.

9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.

10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration

- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,

Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) Dr. R.M. Moharil, Professor, Yeshwantrao Chavan College of Engineering, Nagpur (Supervisor).
 - 2) The Principal, Yeshwantrao Chavan College of Engineering, Nagpur
The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No. 37/2017.
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1555

Dated : 02-06-2022

To ,

Piyush Shrikrishna Patil

Piyush S. Patil,
New Itwari Road.
Gandhi Putla
Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100957116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- Novels methods to solve protection issues pertaining to solar P.V. Grid connected system

Supervisor :- Dr. R. M. Moharil

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. R. M. Moharil (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1554

Dated : 02-06-2022

To ,

Pranay Sadashiv Shete

P. S. Shete, Plot No. 29, Kale Layout, Behind Mahajan Complex, Near
Gajanan Maharaj Mandir, Godhani Road, Zingabai Takli- 440030

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100579116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- INVESTIGATIONS, AND ANALYSIS OF POWER-SHARING, AND
EFFECTIVE CONTROL OF ENERGY STORAGE DEVICES IN DC
MOCROGRID

Supervisor :- Dr. R. M. MOHARIL

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. R. M. MOHARIL (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/1037

Dated : 29/12/2018

To

Mr. Atul Shrikrishna Lilhare
61, Udaynagar, New Subhedar
Nagpur-440024

Subject :- Registration for Ph.D. Degree (~~Full time~~/ **Part time**)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **26/10/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Electrical Engineering** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **Modified Title :- Design and Development of energy efficient smart Inverter drive for Solar Water Pumping System**

Supervisor : **Dr. S.G. Kadawane**

Place of Research : **Yeshwantrao Chavan College of Engineering, Nagpur**

Date of Registration : **26/10/2018**

Specific Suggestion made :
by RRC

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 37/2017** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. (**Proforma enclosed**)
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for Ph.D. programme.

- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,

Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) Dr. S.G. Kadwane, Asso. Professor, Yeshwantrao Chavan College of Engineering, Nagpur (Supervisor).
 - 2) The Principal, Yeshwantrao Chavan College of Engineering, Nagpur
The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No. 37/2017.
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

List of registered candidates for Ph.D. program : 2018

Faculty: Science & Technology

Important Instructions :

The Head Place of Research, Supervisor & Candidates registered for Ph.D are to take note that in case of Superannuation of the Supervisor or if Supervisor of the candidate Leave the Place of Research and Joins another institute/College, before Submission of thesis of his/her registered candidate, the Head, Place of Research shall allot another Supervisor well in advance to such a candidate by following the necessary Procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

1	2	3	4	5	6	7	8	9	10
84.	Ms. Nivedita Suresh Pande 16, Ghate Layout, Hudkeshwar Road, behind Modhekar Hospital Nagpur-440034 (M) 9561500199 M.Tech. (Intwergated Power System) – 81% RTM, Nagpur Univ-2014 Pet Passed-Jan-2018 Date of Application – 16/04/2018	26/10/2018	Electricals Engineering	Kumbi OBC	Modified Title :- Impact of High Renewable Energy Penetration in L, V, Distribution System: An Investigation, Analysis and Mitigation	Principal Yeshwantrao Chavan College of Engineering, Nagpur-	Dr. R.M. Moharil Professor, Yeshwantrao Chavan College of Engineering, Nagpur-	31/10/2026	Part Time
85.	Mr. Anul Shrikrishna Lilhare 61, Udaynagar, New Subhedar Nagpur-440024 (M)- 9175786475 M.Tech.(Integrated Power System)-69% RTM, Nagpur Univ-2010 Pet Passed-Oct-2015 Date of Application 20/04/2018	26/10/2018	Electricals Engineering	Lodhi	Modified Title :- Design and Development of energy efficient smart Inverter drive for Solar Water Pumping System	Principal Yeshwantrao Chavan College of Engineering, Nagpur-	Dr. S.G. Kadwane, Asso. Professor, Deprtt. Of Electrical Engineering, Yeshwantrao Chavan College of Engineering, Nagpur-	31/08/2037	Part Time
87.	Ms. Shilpa Bhaurao Sarode 28-29 Shitalwadi Colony, Ramtek-441106 (M)- 817877734878 M.Tech.(Integrated Power System)-74% RTM, Nagpur Univ-2013 Pet Passed-Sept-2016 Date of Application 14/05/2018	26/10/2018	Electricals Engineering	Teli OBC	Design and Development of Desirable Control Strategy for Grid Tied PV Based Single Phase Quasi-Z Source Inverter	Principal Yeshwantrao Chavan College of Engineering, Nagpur-	Dr. S.G. Kadwane, Asso. Professor, Deprtt. Of Electrical Engineering, Yeshwantrao Chavan College of Engineering, Nagpur-	31/08/2037	Part Time



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1552

Dated : 02-06-2022

To ,

Jyoti Marotrao Kumbhare

JUNI MANGALWARI JAISAO WADI NEAR TELEPHONE EXCHANGE
SQUARE, C. A. ROAD NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100453116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Development of Off Board V2V
Charger for Electric Vehicle

Supervisor :- Dr. S. G. KADWANE

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. S. G. KADWANE (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1547

Dated : 02-06-2022

To ,

Nikita Madhukar Malwar

10/C Azamshah Layout, Ganesh nagar, Near SD Hospital,
Nandanvan, Nagpur, Maharashtra, India

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100519116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- Design and Development of Active Islanding Method
for distributed generation System

Supervisor :- SUMANT G KADWANE

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : SUMANT G KADWANE (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1551

Dated : 02-06-2022

To ,

Bharat Shriram Sudame

PLOT NO.42, VAISHALI NAGAR, NEAR NIT OFFICE, NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100449116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :-Enhancement of Dynamic Performance of DC Link
Capacitor Voltage in distributed generators with the application of
sliding mode control

Supervisor :- Dr S.G.Kadwane

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

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- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
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- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
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- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
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- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr S.G.Kadwane (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1548

Dated : 02-06-2022

To ,

Asif Liyakat Jamadar

Asif Liyakat Jamadar

C/o Sandeep Ramchandra Gaigowal

91, Sainath Nagar, Near Bhamti,

Nagpur 440022

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100852116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Performance Enhancement of SEPIC Based Multilevel DC to DC Converter with Model Predictive Control

Supervisor :- Dr. Prafullachandra Madhukar Meshram

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

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Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

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RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1550

Dated : 02-06-2022

To ,

Chetan Devgonda Patil

Chetan Devgonda Patil C/o Sandeep Ramchandra Gaigowal 91, Sainath
Nagar,
Near Bhamti, Nagpur 440022

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202102078116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- Application of Electric Spring to Improve Performance
of PV System during grid connected and off grid

Supervisor :- Dr. Prafullachandra Madhukar Meshram

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Prafullachandra Madhukar Meshram (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/753

Dated : 28-Dec-2023

To ,

Santosh Rudrappa Madiwal
c/o- Mahadev Kamble,
Opposite Mahalaxmi Steel,
Behind Hotel Sandip,
Ganesh Nagar,

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303472421

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **15/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- DC Fault Analysis for MMC based MTDC Grid System

Supervisor :- Dr. Prafullachandra Madhukar Meshram

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 25/01/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17thMay, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

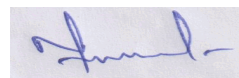
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Prafullachandra Madhukar Meshram **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/005

Dated : 20-Dec-2023

To ,

Shweta Laxminarayan Tiwari
PLOT NO. 32, UDAYNAGAR,
RING ROAD, NAGPUR 440024

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303023291

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **15/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- **FAULT DIAGNOSIS AND FAULT TOLERANT OF IGBT FAILURES IN
MODULAR MULTILEVEL CONVERTER (MMC)**

Supervisor :- **Dr. PRAFULLACHANDRA MADHUKAR MESHARAM**

Co-Supervisor (if Any) :-

Place of Research :- **Yeshwantrao Chavan College of Engineering Nagpur**

Date Of Registration :- **23/08/2023**

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) **Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.**

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

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Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) **During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.**

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

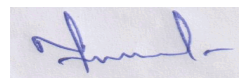
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. PRAFULLACHANDRA MADHUKAR MESHAM (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1561

Dated : 02-06-2022

To ,

Vaibhaw Rameshrao Doifode
120, Ayurvedic Layout Raghujinagar, Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101244116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- DESIGN AND ANALYSIS OF SOLAR POWERED PUMPED
STORAGE HYDRO POWER PLANT

Supervisor :- VAIBHAW DOIFODE

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
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In addition to above, the candidate shall follow the instructions as mentioned below :

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- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : VAIBHAW DOIFODE (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1774

Dated : 14-06-2022

To ,

Xma Rahul Pote

Xma R.Pote,W/O Rahul Pote,Plot no. 14, Flat no. 102 , Everest Ganga
Apt Rajendra Nagar Hingna road Nagpur,Maharashtra -440036

Subject : - Registration for Ph.D Degree Full Time

Application Number : PHDRG202101365116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- Performance improvement with economic operation of
grid connected solar PV system

Supervisor :- DR.S.P.ADHAU

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : DR.S.P.ADHU (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1560

Dated : 02-06-2022

To ,

Trupti Deoram Tembhekar

B-203,IIND FLOOR,PIONEER WOODS PHASE - II, NEAR YCCE GATE
WANADONGRI, HINGNA ROAD, NAGPUR-441110 MAHARASHTRA
STATE INDIA.

Subject : - Registration for Ph.D Degree Full Time

Application Number : PHDRG202102095116

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 16/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Modified Title :- IMPLEMENTATION AND Performance Important OF
Loded DISTRIBUTION ENERGY System

Supervisor :- Dr. Sarala Praful Adhau

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 16/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Sarala Praful Adhau (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/003

Dated : 20-Dec-2023

To ,

Prasad Bhaskar Joshi

187,Gajanan Apartment, Khamla, Panday Lay out ,Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303459575

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **15/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRICAL ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Two Stage grid connected solar photovoltaic system performance analysis
to enhance power quality

Supervisor :- Dr.B.Y.Bagde

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 20/09/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) **Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.**

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) **During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.**

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

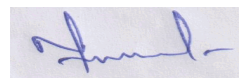
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr.B.Y.Bagde (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1611

Dated : 03-06-2022

To ,

Sandip Ashokkumar Desai
406, Gayatri Vihar, C.A. Road, Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101067117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 21/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Brain MRI image analysis for tumor detection and its classification using machine learning .

Supervisor :- Dr. Milind M. Mushrif

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 21/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Milind M. Mushrif (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1637

Dated : 04-06-2022

To ,

Minal Suresh Patil

PLOT NO 41, NEAR RAMAI BUDDHA VIHAR RANWADI , SHREENAGAR
NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101031117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 21/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Performance Evaluation and Improvement of Cluster based Algorithm
for Mobile Ad hoc Network

Supervisor :- DR. Manish D. Chawhan

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 21/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : DR. Manish D. Chawhan (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1610

Dated : 03-06-2022

To ,

Anagha Viraj Choudhari

Plot No. D-6, Flat No 701, Ush:Kaal Heights, NEERI Road, Laxminagar,
Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101034117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 21/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- DESIGN & DEVELOPMENT OF EFFICIENT SOIL NUTRIENT
ELECTRONIC SYSTEM FOR INDIAN CROPS

Supervisor :- Dr. Dinesh B. Bhoyar

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 21/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Dinesh B. Bhoyar (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/773

Dated : 28-Dec-2023

To ,

Shraddha Somulu Gugulothu

Flat no.101, Shree Sudhakar Residency 1, Wanadongri,Hingna

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303197234

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **17/12/2023** has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design of an Electronic Glass System to Support Visually Impaired
Persons

Supervisor :- Dr.Dinesh B.Bhoyar

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 18/09/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) **Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.**

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) **During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.**

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

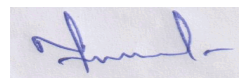
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr.Dinesh B.Bhoyar **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1585

Dated : 03-06-2022

To ,

Pradnya Atmaram Jadhav

D-211 RACHANA TARNAGAN, HINGNA T POINT ,NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101744117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 19/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design and Development of efficient algorithm for security of vehicular
Ad.hoc Network .

Supervisor :- PRADNYA JADHAV

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 19/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : PRADNYA JADHAV (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1653

Dated : 06-06-2022

To ,

Sachin Arvind Kawalkar

SACHIN KAWALKAR PLOT NO 4 V BEHIND TIRUPATI BANK
NARENDRA NAGAR NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101509117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 19/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- An Analysis and Development of Algorithm for Securing Complex
Cloud networks

Supervisor :- DR DINESH B BHOYAR

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 19/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : DR DINESH B BHOYAR (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/092

Dated : 22-Dec-2023

To ,

Bhupendra Sachchidanand Deshmukh
C/O PURNIMA R. MESHRAM
RADHAKRUSHNA TEACHER COLONY
ANGUR BAGICHA ROAD, GONDIA
PIN 441614 MAHARASHTRA

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG20230322082

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **17/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- CROP LEAVES CHLOROPHYLL ESTIMATION AND PREDICTIVE
ANALYSIS USING MACHINE LEARNING

Supervisor :- DR. YOGITA UJJWAL CHITRIV

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 18/09/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17thMay, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

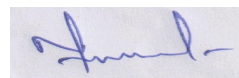
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : DR. YOGITA UJJWAL CHITRIV (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1595

Dated : 03-06-2022

To ,

Kuldeep Gangadhar Pande

Plot No. 13 Bandu Soni Lay Out Trimurti nagar Ring Road Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100506117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 19/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design of Floating-Point Arithmetic Computational Units for Non Linear Applications

Supervisor :- Dr. P. T. Karule

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 19/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. P. T. Karule (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1636

Dated : 03-06-2022

To ,

Vilas Diwakarrao Alagdeve

G-A, RAJNIGANDHA APARTMENT, HINGNA CITY SOCIETY,
DHANGARPURA SQUARE, HINGNA, NAGPUR, 441110

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100788110

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 21/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design and Analysis of Stock Market Prediction Modelling Using
Recurrent Neural Network and Machine Learning

Supervisor :- Dr. P. T. Karule

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 21/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. P. T. Karule (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1600

Dated : 03-06-2022

To ,

Atish Ashok Peshattiwar

plot no D-18, shahakar layout, vaibhav nagar, wanadongari, hingna road,
nagpur.

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100509117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 19/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design an Algorithm for performance Analysis of Polar Code for 5G
Communication System

Supervisor :- Dr. A. S. Khobragade

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 19/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. A. S. Khobragade (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1574

Dated : 03-06-2022

To ,

Abhinav Ashokrao Parkhi

FLAT NO 102, PLOT NO 101 TIRUPATI PARADISE BEHIND UCO BANK
MANISH NAGAR NAGPUR-440015

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100738117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 19/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design and Implementation of Deep Learning Architecture for Person
Re-Identification Based On Embedded Cluster Analysis.

Supervisor :- Dr.A.S.Khobragade

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 19/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
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- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr.A.S.Khobragade (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1605

Dated : 03-06-2022

To ,

Abhishek Arun Madankar

PLOT NO. 64, AMAR SANJAY SOCIETY, BEHIND KRIMS HOSPITAL
MANISH NAGAR NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100952117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 21/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Improving the Channel Characteristics of Milli-Meter Wave
Communications Using Machine Learning Algorithms

Supervisor :- DR. ATISH S. KHOBRAGADE

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 21/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
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- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
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- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

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- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
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- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
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- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : DR. ATISH S. KHOBRAGADE (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/805

Dated : 29-Dec-2023

To ,

Swati Ravi Nitnaware

Ravi Packers and Movers 2nd Bus Stop Gopal Nagar Nagpur-22

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303480549

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **17/12/2023** has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Deep Learning Models for Seizure Prediction Using Electroencephalogram Data

Supervisor :- Dr. Atish S. Khobragade

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/08/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) **Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.**

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) **During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.**

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

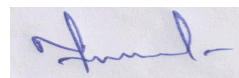
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Atish S. Khobragade **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/085

Dated : 22-Dec-2023

To ,

Vaishali Barkuji Niranjane

c/o Dr.Rahul Patil, Bunglow No.2, Radha-rani Palace, Ramesh Estate
Ghogali, Besa- Pipala ,Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303710625

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **17/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- ResNet based Channel estimation for mmWave Massive MIMO Systems

Supervisor :- A.S.khobragade

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 22/08/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17thMay, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) **Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.**

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) **During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.**

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

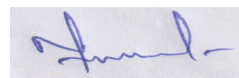
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : A.S.khobragade **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/996

Dated : 28 /12/2018

To

Mr. Yogesh Subhashrao Kale
303, Akash Estate 2 Jaitala
Nagpur-440036

Subject :- Registration for Ph.D. Degree (~~Full time~~/ **Part time**)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **29/10/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Electronics Engineering** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **Modified Title :- Reduce Fals Prediction of Chronic Diseases using IoT Module**

Supervisor : **Dr. S.V. Rathkanthiwar**

Place of Research : **Yeshwantrao Chavan College of Engineering, Nagpur**

Date of Registration : **29/10/2018**

Specific Suggestion made :
by RRC

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 37/2017** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. **(Proforma enclosed)**
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for Ph.D. programme.

- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,

Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) Dr. S.V. Rathkanthiwar, Professor, Yeshwantrao Chavan College of Engineering, Nagpur (Supervisor).
- 2) The Head,/ Principal, Yeshwantrao Chavan College of Engineering, Nagpur (Place of Research)

The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No. 37/2017.



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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1598

Dated : 03-06-2022

To ,

Hitesh Suresh Gehani

Saraswati Bhavan, Plot No 426, Near Sindhu Balodhyan, Jaripatka, Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100683117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 19/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Security & QOS Enhancement of IOT system Using Computational Intelligence and Side chaining

Supervisor :- Dr.(Mrs)Shubhangi V Rathkanthiwar

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 19/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr.(Mrs)Shubhangi V Rathkanthiwar (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1572

Dated : 03-06-2022

To ,

Poonam Ramesh Chaudhari

C011, MEGHDEEP APARTMENT, NEAR VASUDEV NAGAR METRO
STATION, HINGNA ROAD, NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100743117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 19/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Performance optimization of solar Power Plant by Temperature
Tracking Using Embedded System

Supervisor :- Dr. R. D. Thakare

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 19/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. R. D. Thakare (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1618

Dated : 03-06-2022

To ,

Swati Krishnarao Mohod

flat no 103, shiv residency apartment 2, mahesh nagar, near gorewada
road, borgaon nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101392117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 21/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- An identification and classification of images for predictive diagnosis of
brain diseases

Supervisor :- Dr. R. D. Thakare

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 21/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. R. D. Thakare (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1568

Dated : 03-06-2022

To ,

Minal Shashikant Ghute

FLAT NO.-C403,WATERGREEN APARTMENT,SANSON
LAYOUT,JAITALA,NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101161117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 19/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design an Efficient Cryptography Technique for Secure Wireless
Communication Network

Supervisor :- Dr. YOGESH A. SURYAWANSHI

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 19/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
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- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
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In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. YOGESH A. SURYAWANSHI (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1631

Dated : 03-06-2022

To ,

Sujata Shahul Chiwande

C-504, SAHAYOG, NIT HOUSING SOCIETY, TRIMURTY NAGAR,
BHAMTI, NAGPUR 440022

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101035117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 21/03/2022
has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design of Reversible Logic Circuits for Optimized Power and Speed
Application

Supervisor :- Dr. Pravin K. Dakhole

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 21/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

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- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
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Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

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- 4) Address of Place of Research :
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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1615

Dated : 03-06-2022

To ,

Aniket Vaman Gokhale

Plot No A-B, Flat No 14,
Saket Prithvi Apartment,
Surendranagar,
Nagpur-440015

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101469117

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 21/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

ELECTRONICS ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- VIDEO OBJECT TRACKING USING FRAME HISTOGRAM AND SEGMENTATION.

Supervisor :- Dr. Pravin K Dakhole

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 21/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Pravin K Dakhole (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1839

Dated : 06-07-2022

To ,

Aditya Kanetkar
44-A, Hill Road,
Gokulpeth

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202100448112

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 17/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

Computer Engineering/Information Technology i)Computer Science and Techno

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Securing Private data on Cloud using provably secure encryption - decryption techniques

Supervisor :- Dr. Manali Kshirsagar

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 17/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Manali Kshirsagar (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



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Examination and Evaluation Department

(Ph.D. Cell)

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1535

Dated : 01-06-2022

To ,

Rupa Ashutosh Fadnavis

MANGALYA 162, GANDHINAGAR NAGPUR -440010

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202101074137

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 17/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of

Computer Engineering/Information Technology i)Computer Science and Techno under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design and Development of Machine Learning Techniques for
Personalized Medicine

Supervisor :- Dr.Manali .M. Kshirsagar

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 17/03/2022

On the basis of this letter the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the Direction No. 27/2021 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.
- 2) Full time & Part time Ph.D. Degree programme shall be for the minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six year from the date of registration.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research.
- 5) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must be submitted residential address proof with affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.
- 7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 9) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly retention fee of Rs. 600/- (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May 2022
- c) The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.
- d) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- e) It shall be mandatory to every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and publication of minimum Two research paper (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph.D. Cell of the University the Ph.D. Student shall submit the soft copy of their to the co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The co-ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph.D. thesis.
- h) The co-ordinator, University Campus library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr.Manali .M. Kshirsagar (Supervisor)
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :
-



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Office of the Director, Board of Examination & Evaluation (Ph.D. Cell)

Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033

No. RTMNU/Ph.D.Cell./RRC/Engg./2017/39

Dated :-01/06/2017

To,

Mr. Gendlal Manikrao Vaidya,
6, C/o Mr. G.S. Bharadwaj, Verma Layout,
North Ambazari Road, Nagpur – 440 033.

Subject:- Registration for Ph.D. Degree (**Part time**) application,
dated 13th January, 2017.

Sir/Madam,

I am to inform you that the Research and Recognition Committee held on 19th April, 2017 has **Considered and Approved** your application for Registration of **Part time** Ph.D. Degree in the subject of **Information Tech.** under the faculty of **Science & Tech.** The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research	:	“Design and Development of Efficient Framework for Big Data Analytics.”
Supervisor	:	Dr. (Mrs.) Manali Kshirsagar, Professor, Yeshwantrao Chavan college of Engineering, Wanadongri Hingna Road, Nagpur-441 110.
Place of Research	:	Yeshwantrao Chavan College of Engineering, Wanadongri Hingna Road, Nagpur.
Date of Registration	:	13.1.2017
Suggestion if any	:	-----

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of the Direction No. 1/2016, Direction No. 81/2016 and Direction No. 11/2017. Direction No. 11/2017 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/Bylaws/Ordinances etc. of the Degree awarding University. .

2) Full time Ph.D. Degree program shall be for the minimum duration of three years and part time degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.

3) Date of Registration will be granted from the date of application received by the University.

- 4) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 5) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 6) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is persuing the course by devoting at least five hundred clock hours in a years for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 7) After receipt of this registration letter undertaking must be submitted as per clause 4 and 5 with the help of affidavit on Rs. 100/- Stamp Paper signed by the Candidate, Guide and Head Place of Research.
- 8) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 9) It is necessary for candidate to submit an undertaking from his/her guide/co-guide stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form).
- 10) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her on the basis of misleading/ false /incorrect information, the registration would be liable to be cancelled.
- 11) Candidate will submit the letter of approval/renewal of approval of place of research if it is applicable .

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly retention fee of Rs. 500/- (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for PhD. Preparation. A candidate will be allowed to submit the summary of his/her thesis twenty two months from the certificate of completion of the course where the course work has been completed after registration and in case where the candidate had completed the course work before registration the period of twenty two months shall be counted from the date of registration. .
- d) At least three months before the date of submission of the summary of the thesis, each candidate shall give a pre-submission presentation. The presentation shall be made before the Research Advisory Committee constittued for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the Guide.

- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/referred journal peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,

Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) **Dr. (Mrs.) Manali Kshirsagar, Professor,** Yeshwantrao Chavan college of Engineering, Wanadongri Hingna Road, Nagpur-441 110. (Supervisor).
- 2) Principal, **(Place of Research)** Yeshwantrao Chavan college of Engineering, Wanadongri Hingna Road, Nagpur.

The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No 1/2016, 81/2016 and the Direction No. 11/2017..



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/ 1032

Dated : 29 /12/2018

To

Mr. Nikhil Shrikant Mangrulkar
29, Adivasi Society, Manish Nagar,
Nagpur-440037

Subject :- Registration for Ph.D. Degree (~~Full time~~ **Part time**)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **05/12/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Computer Science & Technology** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **A Novels Parser for Parsing Expression Grammar**
Supervisor : **Dr. Kavita R. Singh**
Place of Research : **Yeshwantrao Chavan College of Engineering, Nagpur**
Date of Registration : **05/12/2018**
Specific Suggestion made :
by RRC

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 37/2017** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. (**Proforma enclosed**)
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for Ph.D. programme.

- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,

Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) Dr. Kavita R. Singh Professor, Yeshwantrao Chavan College of Engineering, Nagpur (Supervisor).
- 2) The Principal, Yeshwantrao Chavan College of Engineering, Nagpur

The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No. 37/2017.



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/ 1031

Dated : 29 /12/2018

To

Mr. Praful Vasant Rao Barekar
83, Flat No.101, Guru Ganesh Apt. New Amar Nagar,
Nagpur-440024

Subject :- Registration for Ph.D. Degree (~~Full-time/~~ Part time)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **05/12/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Computer Science & Technology** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **Object Detection and Tracking Approach for Video Using Convolutional Neural Network**

Supervisor : **Dr. Kavita R. Singh**

Place of Research : **Yeshwantrao Chavan College of Engineering, Nagpur**

Date of Registration : **05/12/2018**

Specific Suggestion made :
by RRC

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 37/2017** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. (**Proforma enclosed**)
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for Ph.D. programme.

- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,

Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) Dr. Kavita R. Singh Professor, Yeshwantrao Chavan College of Engineering, Nagpur (Supervisor).
- 2) The Principal, Yeshwantrao Chavan College of Engineering, Nagpur

The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No. 37/2017.



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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/1028

Dated : 29/12/2018

To

Mr. Amol Dilipkumar Gaikwad,
Flat No. 108, Laxmivihar Complex Nirmal Building No.3
Above Mamta Hospital Wardha Road Somalwada,
Nagpur-440025

Subject :- Registration for Ph.D. Degree (~~Full time~~ **Part time**)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **05/12/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Computer Science & Technology** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **Energy Efficient Load Balancing for Cloud Computing**

Supervisor : **Dr. Kavita R. Singh**

Place of Research : **Yeshwantrao Chavan College of Engineering, Nagpur**

Date of Registration : **05/12/2018**

Specific Suggestion made :
by RRC

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 37/2017** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. **(Proforma enclosed)**
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. If it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,



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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)
Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./2017/404

Dated : 30 / 10 / 2017

To

Ms. Ruchika Akhilesh Sinhal
C/o R.D. Sinhal & Sons, M.G. Road,
Wardha-442001

Subject :- Registration for Ph.D. Degree (~~Full time~~/ **Part time**) application dated 18/01/2017

Reference :- 1) Office Letter No. RTMNU/Ph.D Cell/RRC/2017/38, Dt/-01/06/2017
2) Your Letter No. 249, Dated 25/10/2017

Sir/Madam,

I am to inform you that the Research and Recognition Committee in the subject **Information Tech. & Computer Science** under the faculty of **Engineering & Technology** held on **19/04/2017** has Considered and Approved your application for Ph.D. Registration subject to Submission of P.G. Approved Letter of Guide.

Since the said document (s) has/have been submitted by you on 25/10/2017. Hence your Ph.D. Registration in the said subject will be operative with effect from 25/10/2017. The Approved topic, Supervisor, Place of Research and date of Registration are as under.

Topic of Research : **Estimation of Heart Rate & Respiratory Rate with improved Signal to Noise Ratio from Videos**
Supervisor : **Dr. Kavita R. Singh**
Place of Research : **Yeshwantrao Chavan College of Engineering, Wanadongri, Hingna Road, Nagpur.**
Date of Registration : **25/10/2017**
Suggestion if any :

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of the Direction No. 1/2016, Direction No. 81/2016 and Direction No. 11/2017. Direction No. 11/2017 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) Full time Ph.D. Degree program shall be for the minimum duration of three years and part time degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.

3) Date of Registration will be granted from the date of application received by the University.

- 4) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 5) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 6) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is persuing the course by devoting at least five hundred clock hours in a years for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 7) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of affidavit on Rs. 100/- Stamp Paper signed by the Candidate, Guide and Head Place of Research,
- 8) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 9) It is necessary for candidate to submit an undertaking from his/her guide/co-guide stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form).
- 10) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her on the basis of misleading/ false /incorrect information, the registration would be liable to be cancelled.
- 11) Candidate will submit the letter of approval/renewal of approval of place of research if it is applicable .

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly retention fee of Rs. 500/- (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for PhD. Preparation. A candidate will be allowed to submit the summary of his/her thesis thirty two months from the certificate of completion of the course where the course work has been completed after registration and in case where the candidate had completed the course work before registration the period of thirty six months shall be counted from the date of registration. .
- d) At least three months before the date of submission of the summary of the thesis, each candidate shall give a pre-submission presentation. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the Guide.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/refered journal peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.

- f) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) Dr. Kavita R. Singh, (Supervisor), Yeshwantrao Chavan College of Engineering, Wanadongri, Hingna Road, Nagpur.
- 2) The Head, (Place of Research) Principal, Yeshwantrao Chavan College of Engineering, Wanadongri, Hingna Road, Nagpur.

The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No 1/2016, 81/2016 and the Direction No. 11/2017..



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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/ 1027

Dated : 29 /12/2018

To

Ms. Priti Vilasrao Bhagat
35, Anumai Nagar, Bapat Wadi
Wardha-442001

Subject :- Registration for Ph.D. Degree (~~Full-time~~/ **Part time**)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **05/12/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Computer Science & Technology** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **Non-Invasive Way for Diagnosis of Bilirubin level and Retinopathy of Prematurity in Neonatal**

Supervisor : **Dr. M.M. Raghuwanshi**

Place of Research : **Yeshwantrao Chavan College of Engineering, Nagpur**

Date of Registration : **05/12/2018**

Specific Suggestion made :
by RRC

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 37/2017** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. **(Proforma enclosed)**
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.
- 10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for Ph.D. programme.

- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,

Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) Dr. M. M. Raghuwanshi Professor, Yeshwantrao Chavan College of Engineering, Nagpur (Supervisor).
- 2) The Principal, Yeshwantrao Chavan College of Engineering, Nagpur
The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No. 37/2017.

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RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/ 1025

Dated : 29/12/2018

To

Mr. Sachin Umeshrao Balvir
Bhimrao Cology Ugale Layout,
Sewagram-442102

Subject :- Registration for Ph.D. Degree (~~Full time~~/ **Part time**)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **05/12/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Computer Science & Technology** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **A Novels Approach for Link Prediction in Social Network**

Supervisor : **Dr. M.M. Raghuwanshi**

Place of Research : **Yeshwantrao Chavan College of Engineering, Nagpur**

Date of Registration : **05/12/2018**

Specific Suggestion made :
by RRC

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 37/2017** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 5 and 6 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. **(Proforma enclosed)**
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide

(In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.

9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.

10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for Ph.D. programme.
- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,

Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) Dr. M. M. Raghuwanshi Professor, Yeshwantrao Chavan College of Engineering, Nagpur (Supervisor).
- 2) The Principal, Yeshwantrao Chavan College of Engineering, Nagpur
The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No. 37/2017.



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/1026

Dated : 29/12/2018

To

Mrs.. Ranjita Akash Asati
Flat No. 504, Jagadamba Enclave, Somalwada,
Nagpur-440022

Subject :- Registration for Ph.D. Degree (**Full time/ Part-time**)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **05/12/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Computer Science & Technology** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **Acceleration of Image Processing Algorithms using Parallel Computing Approach**

Supervisor : **Dr. M.M. Raghuwanshi**

Place of Research : **Yeshwantrao Chavan College of Engineering, Nagpur**

Date of Registration : **05/12/2018**

Specific Suggestion made :
by RRC

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 23/2018** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 4 and 5 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. **(Proforma enclosed)**
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if

it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.

10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) **The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.**
- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
Ph.D. Cell
Rashtrasant Tukadoji
Maharaj

Copy forwarded to :-

1) Dr M M Raghuwanshi

(Supervisor)

2) The principal /director/Head,(Place of Research)

Yeshwantrao Chavan College of Engineering Nagpur

The Head ,Place of Research,After the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the direction No.23/2018.

If fails to submit three progress report consecutively initiate the process of cancellation ohPH.D Registration.



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises, Rashtrasant Tukadoji
Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/ Ph.D cELL/rrc./May.-2019/ 293

Dated : 13-05-2019

To ,

DIPTI PRAKASH THENG

Balwant Apartment, Khare Town,
Dharampeth
Nagpur-440010

9975214163

Subject : - Registration for Ph.D Degree Part Time

Sir/Madam ,

This is to inform you that the Research and Recognition Committee meeting held on **13-05-2019** has accepted your application for Registration for Ph.D. Degree in the subject of **Computer Engineering/Information** under the faculty of **Faculty of Science & Technology** The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research :- **Designing a Stable Feature Selection Methodology for Machine Learning**

Supervisor :- **Dr. K. K. Bhoyar**

Place of Research :- **Yeshwantrao Chavan College of Engineering Nagpur**

Date Of Registration :- **13-05-2019 00:00:00**

Specific Suggestion made
by RRC:-

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

- 1) Your application has been considered as per the provisions of the **Direction No. 23/2018** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University. .
- 2) **Full time** Ph.D. Degree programme shall be for the minimum duration of three years and **part time** degree programme shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.
- 3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 4) **Full time** Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 5) **Part time** Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is pursuing the course by devoting at least five hundred clock hours in a year for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 6) After receipt of this registration letter undertaking must be submitted as per clause 4 and 5 with the help of **affidavit on Rs. 100/- Stamp Paper** signed by the Candidate, Supervisor and Head Place of Research. **(Proforma enclosed)**
- 7) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 8) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph.D. candidates shall submit this undertaking provided by the supervisor along with other documents.
- 9) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if

it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be cancelled.

10) Head/Supervisor of the candidate shall provide the copy of the letter of approval/renewal of approval of place of research to the candidate to submit it along with other documents by the candidate.

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly **retention fee of Rs. 500/-** (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) **The course work shall be treated as pre-requisite for Ph.D. programme. The candidate shall be required to complete prescribed course work within one year after registration of Ph.D. programme.**
- d) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit **Progress Report** of his/her research in every six months to the Ph.D. Cell through the **Head, Place of Research and the guide**. If he/she fails to submit three progress reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,



Deputy Registrar
Ph.D. Cell
Rashtrasant Tukadoji
Maharaj

Copy forwarded to :-

1) Dr. K. K. Bhoyar

(Supervisor)

2) The principal /director/Head,(Place of Research)

Yeshwantrao Chavan College of Engineering Nagpur

The Head ,Place of Research,After the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the direction No.23/2018.

If fails to submit three progress report consecutively initiate the process of cancellation ohPH.D Registration.

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2022/R1/1537

Dated : 07-06-2022

To,

Sushma Balaji Adsul

PLOT NO.143,

AVISHKAR COLONY

N6,CIDCO,AURANGABAD.

Subject : - Registration for Ph.D Degree Full Time

Application Number : PHDRG202100843137

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on 17/03/2022 has accepted your application for Registration for Ph.D. Degree in the subject of **Computer Engineering/Information Technology i)Computer Science and Techno** under the **Faculty of Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research :- Design And Implementation Of Machine Learning Models For
Diagnosis Of Chronic Diseases

Supervisor :- Dr. Kishor K. Bhoyar
Co-Supervisor (if Any) :-
Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur
Date Of Registration :- 17/03/2022



Email Letter

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

Board of Examination and Evaluation Department

(Ph.D. Cell)

Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033

NO. RTMNU/ Ph.D CELL/RRC./2020/R1/

127

Dated : 07-08-2020

To,
Sushilkumar Shuddodhan Chavhan

New Takal Bhagatsingh Ward,
Bhandara-441904

Subject : - Registration for Ph.D Degree Part Time Mode

Sir/Madam ,

This is to inform you that the Research and Recognition Committee meeting held on

31-01-2020

has accepted your application for Registration for Ph.D. Degree in the subject of

Information Technology and Computer Scien

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :-

Information Retrieval from Object for Ranking using Machine Learning
Techniques

Supervisor :-

Dr. M. M. Raghuwanshi

Place of Research :-

Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :-

31-01-2020



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/581

Dated : 26-Dec-2023

To ,

Sonali Devidas Bodekar

405, Jounquile, Nahar amrit Shakti, Chandivali, Andheri east, Mumbai
400072

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303282429

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **16/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

COMPUTER SCIENCE ENGINEERING

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Weather-driven Recommendations System to Enhance Human Lifestyle

Supervisor :- DR. (Ms) Ujwalla H. Gawande

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 31/08/2023

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) **Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.**

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) **During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.**

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

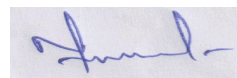
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : DR. (Ms) Ujwalla H. Gawande **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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**Office of the Director, Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D. Cell/RRC./ Oct.-2018/1024

Dated : 29 /12/2018

To

Mrs. Nikita Rajendra Hatwar
Flat Noi. 204, Shreenath Apt.
Second Bus Stop, Gopal Nagar,
Nagpur-440022

Subject :- Registration for Ph.D. Degree (Full-time/ Part time)

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **05/12/2018** has accepted your application for Registration for Ph.D. Degree in the subject of **Information Technology & Computer Science** under the faculty of **Science & Technology**. The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : Framework for Assessment of Human Psychological Stress Using EEG Signals and its Reduction Using Music Therapy

Supervisor : Dr. Ujwalla Gawande

Place of Research : Yeshwantrao Chavan College of Engineering, Nagpur

Date of Registration : 05/12/2018

**Specific Suggestion made :
by RRC**

On the basis of this letter all the Ph.D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph.D. programme as per Notification No. RTMNU/16/3389 dated 4th February, 2016.

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if supervisor of the candidate leaves the place of research and joins another institute/college, before submission of thesis of his/her registered candidate, Ph.D. researcher should be made aware by supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and send the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.



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Office of the Director, Board of Examination & Evaluation (Ph.D. Cell)

Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033

No. RTMNU/Ph.D.Cell./RRC/Engg./2017/40

Dated :-01/06/2017

To,

Mr. Kamal Omprakash Hajari,

Sai Nagar, Ward No.6, Near Sai Mangal Karyalaya,

At Post Butibori, Nagpur-441 108.

Subject:- Registration for Ph.D. Degree (**Part time**) application,
dated 12th January, 2017.

Sir/Madam,

I am to inform you that the Research and Recognition Committee held on 19th April, 2017 has **Considered and Approved** your application for Registration of **Part time** Ph.D. Degree in the subject of **Information Tech.** under the faculty of **Science & Tech.** The approved topic, Supervisor, Place of Research and Date of Registration are as under :-

Topic of Research : **“Scale and Rotational invariant Approach for Human Detection and Tracking in video Surveillance System.”**

Supervisor : **Dr. Ujwalla Gawande, Asso. Professor, Yeshwantrao Chavan college of Engineering, Wanadongri Hingna Road, Nagpur-441 110.**

Place of Research : **Yeshwantrao Chavan College of Engineering, Wanadongri Hingna Road, Nagpur.**

Date of Registration : **12.1.2017**

Suggestion if any : **-----**

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of the Direction No. 1/2016, Direction No. 81/2016 and Direction No. 11/2017. Direction No. 11/2017 issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph.D. Degree. According to this notice Ph.D. Degree which is pursued either full time or part time will be treated as degree awarded through regular mode provided this is in conformity with the existing Statutes/Bylaws/Ordinances etc. of the Degree awarding University. .

2) Full time Ph.D. Degree program shall be for the minimum duration of three years and part time degree program shall be for the minimum duration of four years and six months including course work and a maximum duration will be of 6 years for full time as well as for Part time.

3) Date of Registration will be granted from the date of application received by the University.

- 4) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph.D. Programme. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme for up to 240 days.
- 5) Full time Ph.D. degree course shall be described to mean a course pursued by the candidates who is not in full time or part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of Research,
- 6) Part time Ph.D degree course shall be described to mean a course pursued by the candidate who is in some employment and is persuing the course by devoting at least five hundred clock hours in a years for the said study, at the place of research of Research to be certified by the concerned Supervisor and Head of the Place of Research,
- 7) After receipt of this registration letter undertaking must be submitted as per clause 4 and 5 with the help of affidavit on Rs. 100/- Stamp Paper signed by the Candidate, Guide and Head Place of Research.
- 8) Re-Registration/ Extension will not be granted in any circumstance from the expiry of the date of Registration as per the provisions of the Direction.
- 9) It is necessary for candidate to submit an undertaking from his/her guide/co-guide stating that he/she will not have more than 8 registered Ph.D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form).
- 10) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her on the basis of misleading/ false /incorrect information, the registration would be liable to be cancelled.
- 11) Candidate will submit the letter of approval/renewal of approval of place of research if it is applicable .

In addition to above, the candidate shall follow the instructions as mentioned below :

- a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. Research scholar has to submit marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.
- b) He/she shall pay six monthly retention fee of Rs. 500/- (from the date of Registration) every six months for retaining his/her name on the register of research students,
- c) The course work shall be treated as pre-requisite for PhD. Preparation. A candidate will be allowed to submit the summary of his/her thesis twenty two months from the certificate of completion of the course where the course work has been completed after registration and in case where the candidate had completed the course work before registration the period of twenty two months shall be counted from the date of registration. .
- d) At least three months before the date of submission of the summary of the thesis, each candidate shall give a pre-submission presentation. The presentation shall be made before the Research Advisory Committee constittued for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the Guide.

- e) It shall be mandatory for the researcher to publish at least one research paper in referred journal/referred journal peer reviewed journal/ journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research and make two paper presentation in conferences/ seminar before submission of the Ph.D. Thesis.
- f) Research Scholar shall submit Progress Report of his/her research in every six months to the Ph.D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three reports consecutively, his/her registration may be cancelled by Research and Recognition Committee on the recommendations of the guide and of Head of Place of Research.
- g) This letter is subject to correction, if any.

Yours faithfully,

Deputy Registrar
(Post Exam. & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Copy forwarded to :-

- 1) **Dr. Ujwalla Gawande, Asso. Professor,** Yeshwantrao Chavan college of Engineering, Wanadongri Hingna Road, Nagpur-441 110. (Supervisor).
- 2) Principal, **(Place of Research)** Yeshwantrao Chavan college of Engineering, Wanadongri Hingna Road, Nagpur.

The Head, Place of Research, after the completion of the given period (one and half years) shall send to the Ph.D. Cell within 15 days a report on the non-compliance of the condition in respect of progress report as per the provisions of the Direction No 1/2016, 81/2016 and the Direction No. 11/2017..



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**Board of Examination and Evaluation
(Ph.D. Cell)**

**Examination Bhawan, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

No. RTMNU/Ph.D.Cell/RRC/Jan-2022/ **13**

Dated : - **5/07/2022**

To

Mr. Sushilkuar Shuddodhan Chavhan
New Takal Bhagatsingh Ward,
Bhandara-441904

Subject : Change of Supervisor

Reference: Your application dated 10/01/2022

Sir/Madam,

With reference to your application dated 10/01/2022 on the subject cited above, I am to inform you that the Research and Recognition Committee in **Information Tech & Computer Science** under the Faculty of Science & Technology in its meeting held on 17/03/2022 has **accepted** your application for **Change of Supervisor** as given below :

New Supervisor- Dr. Rajesh C. Dharmik, Supervisor, Yeshwantrao Chavan College of Engineering, Nagpur

IN STEAD OF

Old Supervisor :- Dr. M. M. Raghuwanshi, Supervisor, Yeshwantrao Chavan College of Engineering Nagpur

Yours faithfully,

Deputy Registrar
(Ph.D. Cell)

Copy forwarded to :-

- 1) Dr. Rajesh C. Dharmik, , Supervisor, Yashwantrao Chavan College of Engineering, Nagpur
- 2) Dr. M.M. Raghuwanshi, Yashwantrao Chavan College of Engineering,, Nagpur



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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/762

Dated : 28-Dec-2023

To ,

Amruta Tapas Paul

F-7, Ashray apartment, Pantheon Society, Manish Nagar, Nagpur

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303190361

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **16/12/2023** has accepted your application for Registration for Ph.D. Degree in the subject of

COMPUTER TECHNOLOGY

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Recognizing and Correcting Yoga Poses using Computer Vision

Supervisor :- Dr. Lalit B. Damahe

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 31/10/2022

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) **Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.**

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) **During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.**

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

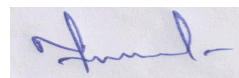
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
- e) It shall be mandatory for every candidate (Full Time as well as Part Time) shall submit the Proof of compilation of the Course Work, the Pre-Submission Seminar and the publication of a minimum of Two research papers (one of them should be in SCOPUS/WoS/UGC Care Listed Journal as first author) and Two paper presentations at International or National Conference (as first author), relating to the topic of his/her research at the time and along with the summery of the thesis & non-plagiarism certificate.
- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
- g) Before submission of thesis to the Ph. D. Cell of the University the Ph. D. Student shall submit the soft copy of their thesis to the Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The Co-Ordinator, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the Ph. D. thesis.
- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Lalit B. Damahe **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



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**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/764

Dated : 28-Dec-2023

To ,

Pratibha Paras Waghale

PLOT NO 58 NEW SUBEDHAR LAYOUT NAGPUR

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303335360

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **16/12/2023** has accepted your application for Registration for Ph.D. Degree in the subject of

COMPUTER TECHNOLOGY

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Design and Development of Techniques for
Camouflage Object Detection using Computer Vision

Supervisor :- Dr. Lalit Babulal Damahe

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 31/10/2022

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

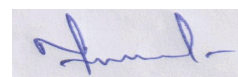
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
- d) **The Research Scholar shall submit a Progress Report of his/her research in every six months to the Ph. D. Cell through the Head, Place of Research and the guide. If he/she fails to submit three progress reports consecutively, his/her registration may be canceled by the Research and Recognition Committee on the recommendations of the guide and Head of Place of Research.**
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- f) At least three months before the date of submission of the summary of the thesis, each candidate shall make his/her pre-submission presentation at the place of research in the presence of the supervisor. The presentation shall be made before the Research Advisory Committee constituted for the subject and shall be arranged by the Head of the Place of Research on the request of the candidate duly endorsed by the supervisor.
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- h) The Co-ordinator, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.
- i) This letter is subject to correction, if any.

Yours faithfully,



Dr. Navin Parshuram Mungle
Deputy Registrar (Ph.D. Cell)

Copy forwarded to :-

- 1) Name of Supervisor : Dr. Lalit Babulal Damahe **(Supervisor)**
- 2) Name of Co-supervisor :
- 3) The principal /director/Head,(Place of Research) : Yeshwantrao Chavan College of Engineering Nagpur
- 4) Address of Place of Research :



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah.Act No. VI of 2017).)"

**Examination and Evaluation Department
(Ph.D. Cell)**

**Examination & Evaluation Building, Laxminarayan Institute of Technology Premises,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033**

NO. RTMNU/PH.D CELL/RRC/2023/R1/766

Dated : 28-Dec-2023

To ,

Shilpa Manish Dhopte

Plot No. 11-A, Hill Road, Opposite to Jagdish Automobiles, Gandhi
Nagar, Nagpur 440010

Subject : - Registration for Ph.D Degree Part Time

Application Number : PHDRG202303191362

Sir/Madam,

This is to inform you that the Research and Recognition Committee meeting held on **16/12/2023**
has accepted your application for Registration for Ph.D. Degree in the subject of

COMPUTER TECHNOLOGY

under the

Faculty of Science & Technology

The approved topic, Supervisor, Place of Research

and Date of Registration are as under :-

Topic of Research :- Food Recognition and Calorie Estimation using Computer Vision for
Dietary Assessment

Supervisor :- Dr. Lalit Babulal Damahe

Co-Supervisor (if Any) :-

Place of Research :- Yeshwantrao Chavan College of Engineering Nagpur

Date Of Registration :- 31/10/2022

Based on this letter the Ph. D. candidates would be required to get themselves registered at the respective place of research by paying prescribed fees for the Ph. D. program as per Notification No. RTMNU/Accounts/367 dated 17thMay, 2022 (****Fees applicable as per Notification Published by University time to time**).

Supervisor & Candidate are to take note that, in case of superannuation of the supervisor or if the supervisor of the candidate leaves the place of research and joins another institute/college, before submission of a thesis of his/her registered candidate, the Ph. D. researcher should be made aware by a supervisor about his date of superannuation. Information about the date of superannuation should be communicated by the supervisor/candidate to the Head, Place of Research the Head, Place of Research shall allot another supervisor well in advance to such a candidate by following the necessary procedure for allotment of supervisor and sending the proposal to seek approval from the University immediately.

Your date of registration will be considered subject to the fulfillment of the following requirements within 30 days from the receipt of this letter.

1) Your application has been considered as per the provisions of **Direction No. 11/2023** issued as per the provisions of the Public Notice issued by the University Grants Commission No. F.No.2014/(PS), dated 10th March, 2017 regarding Regular Mode with reference to the Ph. D. Degree. According to this notice Ph. D. Degree that is pursued either full time or part time will be treated as a degree awarded through regular mode provided this is in conformity with the existing Statutes/bylaws/ordinances etc. of the degree awarding University.

2) Full time & Part Time Ph. D. The degree program shall be for a minimum duration of three years including course work and a maximum of six years. Registration for Ph. D. under this Direction shall be valid for a period of six years from the date of admission to the Research center.

3) The Women candidates and persons with disability (More than 40% disability) may be allowed a relaxation of two years in the maximum duration for both the Ph. D. Program. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph. D. Program for up to 240 days.

4) **Full time** Ph. D. Program candidates under full time mode shall undertake research work in University Departments or Colleges/Autonomous Colleges/Conducted Colleges/Place of Higher learning and Research (HLR) and shall be available during the working hours for research activities.

Candidates in employment, who wish to pursue full time shall be required to submit a No Objection Certificate from his/her employer & should avail leave for the research period.

5) **Part time** Ph. D. Program through part-time mode will be permitted. Provided all the conditions stipulated in this direction are fulfilled.

The Higher educational institution concerned shall obtain a “**No Objection Certificate**” through the candidate for a part-time Ph. D. program from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- i) The candidate is permitted to pursue studies on a part-time basis.
- ii) His/her office will permit him/her to devote sufficient time to research.
- iii) If required, he/she will be relieved from the duty to complete the coursework.

6) During the complete tenure of Registration of Full Time Ph. D. Candidates, it shall be mandatory for them to reside within the territorial jurisdiction of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and he/she must submit residential address proof with an affidavit on Rs. 100/- Stamp Paper signed by the Candidate who passed-out P.G. Degree other than RTM Nagpur University.

7) It is necessary for the supervisor to submit an undertaking stating that he/she will not have more than 8 registered Ph. D. candidates (Grade of Professor) 6 Students (Grade of Associate Professor) 4 Students (Grade of Assistant Professor) in the capacity as guide/co-guide (In prescribed form). Ph. D. candidates shall submit this undertaking provided by the supervisor along with other documents.

8) The candidate will be solely responsible for the authenticity of the information and document submitted by him/her. if it is found that the candidate has provided Misleading/ false /incorrect information, Registration would be liable to be canceled.

9) The head/Supervisor of the candidate shall provide a copy of the letter of approval/renewal of approval of place of research to the candidate to submit along with other documents by the candidate.

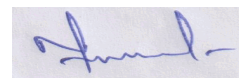
In addition to the above, the candidate shall follow the instructions as mentioned below :

a) He/she shall submit his original qualifying degree certificate which shall be returned to him after verification. The

research scholar has to submit a marklist/degree verification certificate in original within 30 days from receipt of this letter failing which registration stands cancelled.

- b) He/she shall pay six monthly **retention fees of Rs. 600/-** (from the date of Registration) every six months for retaining his/her name on the register of research students, as per Notification No. RTMNU/Accounts/367 dated 17th May, 2022(** Fees applicable as per Notification Published by University time to time).
- c) **The course work shall be treated as a pre-requisite for the Ph. D. program. The candidate shall be required to complete the prescribed course work within one year after registration for the Ph. D. program.**
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Yours faithfully,



Dr. Navin Parshuram Mungle
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Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongari, Nagpur-441110

NAAC Accredited with 'A++' Grade

Ph. : 07104- 295083, 295085

Website : www.ycce.edu , Email : principal@ycce.edu

Declaration by the Head of the Institution

I hereby declare that the data, information and support documents attached herewith are genuine and correct to my knowledge.



Dr. U.P. Waghe

Principal

Principal

Yeshwantrao Chavan
College of Engineering
Wanadongri Hingna Road,
NAGPUR-441110