



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

Summary of 3.2.4

Number of departments having research projects funded by Government and Non-Government agencies during the year:

Year	2022-2023
Number of Departments having research projects	08
Total No. of Departments	09
% of Departments having Research projects	88.88%

Supporting Documents

1. E copies of sanction letters of Government and non-Governmental agencies

Dr. U. P. Waghe
(Principal)



Index-3.2.4

2022-23

Sr. No	Name of Supporting Document	Page Nos.
1.	E copies of Sanction Letters of Government and Non-Governmental Agencies	1-47

**E copies of Sanction Letters of
Government and Non-Governmental
Agencies**

From: <SERB_Administrator@serbonline.in>

Date: Wed, Sep 28, 2022 at 12:18 PM

Subject: SERB-Notification

To: <serbinfo1@gmail.com>

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Assistance to Professional Bodies and Seminar Symposia

File Number: SSY/2022/000532

Dated: 28-Sep-2022

Subject: Application titled "AC and DC Microgrids: Configurations, Controls and Applications"

Dear Mr. **Piyush Shrikrishna Patil,**

It is to inform you that your proposal seeking for financial assistance under "Assistance to Professional Bodies & Seminar / Symposia Scheme" has been considered and recommended for the same. We are now agreed to provide **Rs 100000/-** to meet the expenses related to **TA/DA to Young and Senior Indian Scientists and Pre-Conference printing as partial grant-in-aid** to the recommended application.

The grant is only for "AC and DC Microgrids: Configurations, Controls and Applications"

Dated: 10-Nov-2022 to 11-Nov-2022

Kindly submit the required document/ RTGS within 15 days of the receipt of this letter in order to enable us to process the file for the release of funds. In case, we do not receive

the requested document within the provided time, it would be presumed that you are not interested in this offer and it would be stand withdrawn automatically. No further correspondence will be entertained thereafter.

Kindly note that, no separate communication by post would be sent to you in this regard and without prior approval from SERB, convener cannot change the event date, it may not be acceptable.

With kind regards,

(Dr. Sukumar Dey)

Scientist C

Ph:

Email: seminar.symposia@serb.gov.in

Mr. Piyush Shrikrishna Patil

Electrical

**Yeshwantrao Chavan College Of Engineering , Hingna Road Wanadongri, Nagpur,
Maharashtra-441110**

***** LEGAL DISCLAIMER *****

Please do not reply to this mail !!

[SERB is now on Social-Media. Kindly follow us on Twitter:
[@serbonline](https://www.twitter.com/serbonline) <https://www.twitter.com/serbonline>]

This is a system generated information and does not require any signature. This E-Mail may contain Confidential and/or legally privileged Information and is meant for the intended recipient(s) only. If you have received this e-mail in error and are not the intended recipient/s, kindly notify us at info@serbonline.in and then delete this e-mail immediately from your system. Any unauthorized review, use, disclosure, dissemination, forwarding, printing or copying of this email or any action taken in reliance on this e-mail

is strictly prohibited and may be unlawful. Internet communications cannot be guaranteed to be timely, secure, error or virus-free. The sender does not accept any liability for any errors, omissions, viruses or computer problems experienced by any recipient as a result of this e-mail.



Science and Engineering Research Board
(a statutory body of the Department of Science & Technology, Government of India)

S & SA, LGF,
Vasant Square Mall
Sector-B, Pocket-5, Vasant Kunj,
New Delhi - 110 070

Statement of Expenditure & Utilization Certificate

(Financial Assistance to Seminar / Symposia)

SERB Sanction No: SB/SS/SSY/2022/000532

Date: 28.09.2022

1. Name of Academic Institution / University / Society etc. under whose auspices the Seminar / Conference / Workshop / Symposium etc. was organized:

YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

2. Title of the Seminar / Conference / Workshop / Symposium etc.:

AC and DC Microgrids : Configurations, Controls and Applications"

3. Duration / Period of the organized event:

From			To		
Date	Month	Year	Date	Month	Year
10	11	2022	11	11	2022

4. Grant Sanctioned / Released:

1,00,000/- (Rupees One Lakh Only)

5. Out of Total expenditure of 1,09,765 (Rupees- One Lakh Nine thousand Seven Hundred Sixty five

SERB Grant of 1,00,000/- (Rupees

has been utilized as per the details given below:

S. No	Budget Head	Amount (₹)
I.	TA / DA	69665
II.	PRE CONFERENCE PRINTING	6100
III.	OTHER	
	Total (₹)	75765

6. Brief details of total income and expenditure:

Income (in `)		Expenditure (in `)	
1. By Registration	34000	1. Domestic Travel for Young and Senior Scientists (Indian Only)	69665
2. By Donations		2. Pre-Conference Printing (Announcements, abstracts etc.)	6100
3. By advertisements		3. Contingencies (Stationary items, Working Tea / Lunch, Audio-Visuals etc.)	22928
4. By Grant from SERB		4. Printing of Proceedings	NIL
5. By Other Funding Agencies		5. Other etc. (please specify)	
i.		Bouquet- 540/-	11072
ii.		Memento - 2240/-	
iii.		Accommodation of Guest- 8292/-	
....			
Grants Receivable from SERB	75765		
Total (in `) (Rupees One Lakh Nine Thousand Seven Hundred Sixty five only)	109765	Total (in `) (Rupees One Lakh Nine Thousand Seven Hundred Sixty five only)	109765

(Signature of Convener / Organising Secretary)

NOTE- STATEMENT OF EXPENDITURE AND UTILIZATION CERTIFICATE, SCANNED COPIES, SHOULD BE UPLOADED ONLINE FIRST (IF SANCTIONED THROUGH ONLINE PROCESS), AND ORIGINALS SHOULD BE SUBMITTED IN SERB OFFICE IN SHORTEST POSSIBLE TIME.

FORM G.F.R. 19 A

UTILIZATION CERTIFICATE
(IN DUPLICATE)

Date:

SERB Sanction No: SB/SS/SSY/2022/00532 -28.09.2022

Certified that out of 100000/-of grants-in-aid sanctioned (but not received) during the year 2022-23 in favour of YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING vide SERB Order No. SSY/2022/0005 dated :28.09.2022 against which institute has incurred Rs.109765/- for the purpose of AC and DC Micro Configurations, Controls and Applications "Dated 10-Nov-2022 to 11-Nov-2022 & grant receivable is Rs. 75765/-

2. Also Certified that I have satisfied that the conditions on which the grants-in-aid was sanctioned have been fulfilled/are being fulfilled, and to see that the money was actually utilized for the purpose for which it was sanctioned.

*(In case of University /
Academic Institution)*


Signature of Convener /
Organising Secretary



(Head of the Institution i.e.
Registrar / Director /
Principal)
Principal
Yeshwantrao Chavan
College of Engineering
Wanadongri Hingna Road
NAGPUR-441110

Signature of Accounts /
Finance Officer/
(with Seal)

*(In case of Societies /
Association)*

Signature of Convener /
Organising Secretary

(President/Secretary)

FOR KUMAR & JAYAKRISHNAN
Chartered Accountants
F.R.N. 113708W

CA Sachin Bhojar
M.No.:167965



UDIN:2316796589QMYPI601
Signature of the Chartered
Accountants
(with Seal)

Date: 30/01/2023

NOTE- STATEMENT OF EXPENDITURE AND UTILIZATION CERTIFICATE, SCANNED COPIES, SHOULD BE UPLOADED ONLINE FIRST (IF SANCTIONED THROUGH ONLINE PROCESS) AND ORIGINALS SHOULD BE SUBMITTED IN SERB OFFICE IN SHORTEST POSSIBLE TIME



अखिल भारतीय तकनीकी शिक्षा परिषद All India Council for Technical Education

(A Statutory Body of The Government of India)

(भारत सरकार का विधीक संस्थान)



पश्चिमी क्षेत्रीय कार्यालय WESTERN REGIONAL OFFICE

औद्योगिक अनुसंधान भवन, दूसरी मंजिल,
राष्ट्रीय औद्योगिक अभियांत्रिकी संस्थान
(नोटी) परिसर, विहार झील,
मुंबई - ४०० ०८७
दूरभाषा: (०२२) २८४७००१९/२८४७५७९३
अनुडाक: wro@aicte-indian.org
अंतरताना: www.aicte-indian.org

Industrial Research Building, 2nd Floor,
National Institute of Industrial Engineering
(NITIE) Campus, Vihar Lake,
Mumbai - 400 087
Tel: (022) 28470019 / 28475793
Email: wro@aicte-india.org
Web: www.aicte-india.org
Date - 19 - 10 - 2022.

Application No. 1650514378

F. No. 01_/AICTE /IDEA-LAB-HQ/2021-2022 | 1429

To,

The Director / Principal,

Yeshwantrao Chavan College of Engineering,
Hingna Road, Wanadongri, Nagpur, Maharashtra 441110

**Sub: Release of a sum of Rs.3,00,000/- for AICTE Training & Learning (ATAL)
Academy Hybrid FDP's.**

Sir,

This is to convey the sanction of the Council for payment of Rs.3,00,000/- (Rupees Three lakh only.) for conduct of Hybrid FDP's on **Remote Sensing Applications with Machine Learning** to Yeshwantrao Chavan College of Engineering, Hingna Road, Wanadongri, Nagpur, Maharashtra 441110 during 14th November to 25th November, 2022 under AICTE Training & Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts.

a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.

b. The maximum cost for conducting per programme will be Rs. 3,00,000 /- as per details given as under:

Sr. No.	Particulars	Sanctioned Amt. for 2022-23 for Blended FDP's / CPDP)
1	Honorarium to Coordinator	Rs.10000/-
2	Honorarium to Co- Coordinator	Rs.7,000/-
3	Honorarium for computer operator	Rs.1,000/-
4	Honorarium for experts (Rs.5000/- session for 14 sessions)	Rs.70,000/-
5	Provision for payment to Three Lab Technicians engaged during Lab practices @ Rs. 5000/- per Lab Technician	Rs.15,000/-
6	TA / DA to Experts engaging sessions (Lump sum)	Rs.32,000/-
7	Refreshment & Lunch (Rs.350/- head for 50 trainees for 5 days)	Rs.87,500/-
8	One Book each for 20 participants as reward	Rs.10,000/-
9	Miscellaneous charges (petty expenses not covered above)	Rs.5,500/-
10	Hands on Training material, Consumable items etc. (reimbursed on actual basis.)	Rs.62,000/-
	Total	3,00,000/-

Programmes having permission to change amounts under different heads with overall ceiling of Rs.3.00 lakh being intact.

c. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance (i) Rs.2.38 lakh (ii) 62,000 /- on actual basis to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form and original bills to WRO, Mumbai.

III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have been approved by coordinator, attended the program with minimum 80% attendance and scored minimum marks 70% in the test.

IV. Submission of documents by university/institution

a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program.

(i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.

(ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement etc. within one month of conduct of AICTE Training and Learning (ATAL) Academy programme.

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjusted.

v. General Instructions

a. Maximum 50 (minimum 30) participants may be allowed to attend blended FDP / CPDP within 100 km of host institutes. However, AICTE officials may be allowed to attend over and above the maximum limit.

b. A test has to be conducted on the last day accordingly Scheme Document 2022-23 and those who score more than 70% will be termed as successful candidates. Those who have attendance 80% or more and also score more than 70% in the test will be issued a digital certificate.

c. The sessions are to be recorded as the facility is available on the software which is being used for online delivery of FDP/CPDP. You are also requested to upload recording on YouTube of google drive.

d. Eligibility

For Institutions (Both Technical & Non- Technical).

i) The government funded institutions like IIIT's IIM's, NIT's, IIT's, Universities, State Universities / Institutions / Research institutes other government organizations and PSU's.

ii) Private organisation / institutions having overall NIRF ranking up to 200 or NAAC grade A++ OR Department conducting FDP / CPDP having full NBA accreditation.

iii) Industry / Training Institutions (Experience in relevant training in last 5 years)

Coordinators must be a full time regular faculty / instructor / trainer etc. & having knowledge and experience to conduct blended FDP / CPDP.

For Participants

i) The faculty members of the AICTE approved institutions, Research scholars, PG scholar's, participants from Government, Industry, Bureaucrats/ Technicians / Professionals / School Teachers and staff of host institutions.

To be nominated by the Institute

ii) Not more than 10% from Host Institution.

iii) Maximum 50 (minimum 30) participants may be allowed to attend blended FDP/CPDP within 100 km of host institutes. However, AICTE officials may be allowed to attend over and above the maximum limit.

iv) Participants shall bear the cost of travelling and boarding/lodging if he/she wishes to attend ATAL FDP. However, refreshment & lunch would be provided for free.

ATAL FDPs/ CPDP are free, and No fee will be charged from any participant attending ATAL FDP / CPDP.

(e) If programme is not conducted in the financial year 2022 itself, the released amount has to be returned back to AICTE.

(f) If any extra money is required to complete the programme must be borne by the Institute from their own resources but the quality of the activities should not be compromised.

(g) FDP / CPDP, title name, name of the co-ordinator, Institute name is **not allowed to change** without permission of **AICTE**, however scheduled dates may be changed with information to ATAL Academy cell and Regional Office.

This sanction order may be treated as offer letter for all purpose.

Yours sincerely,



(Regional Officer & Member Secretary)
WRO, Mumbai, AICTE

Copy forwarded for information and necessary action to: -

1. Coordinator ATAL Programme - **Milind Mushrif.**
2. ATAL Academy Cell AICTE HQ
3. Guard File

Date: 21/03/2023

To,

Dr. Ajeet Singh
Assistant Director,
AICTE-Western Regional Office,
2nd Floor, Industrial Research Centre Building, ,
National Institute of Industrial Engineering (NITIE) Campus,
Vihar Lake, Mumbai - 400087

Sub: Submission of Audited Utilization certificate and Statements of Accounts of ATAL-FDP Funds

**Ref: F.No. 01 /AICTE/IDEA-LAB-HQ/2021-2022/1429
Application No. 1650514378**

Sir,

We have successfully conducted the ATAL FDP titled "Remote Sensing Applications with Machine Learning" from 30/01/2023 to 10/02/2023. Grant-in-aid of Rs. 3,00,000/- (Rs. Three Lakh only) was sanctioned by the AICTE out of which Rs. 2,38,000/- was received by the college. The sum of Rs. 2,04,738/- has been utilized for the purpose for which it was sanctioned and the balance of Rs. 33,262/- remained unutilized.

Please find attached herewith the following documents:

1. Utilization Certificate
2. Statement of Accounts
3. Copy of the sanction letter.

We request you to, kindly, send us the account details where the unutilized amount of Rs. 33,262/- is to be deposited.

Thanking you.

Yours sincerely,



Dr. M. M. Mushrif,
Coordinator, ATAL FDP



Yeshwantrao Chavan College of Engineering
(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)
Department of Information Technology

UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2022-23

Name of the Scheme under which Grant was sanctioned by **AICTE Training And Learning (ATAL)** (to be submitted separately for each sanction order)

AICTE File No. : 01_/AICTE/IDEA-LAB-HQ/2021-2022/1429
Name of Co-ordinator : **Dr. M M MUSHRIF**
Dates of the Programme : 30th January 2023 to 10th February 2023
Title of the ATAL Programme : Remote Sensing Applications with Machine Learning

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1	Application number :1650514378 AICTE File No.:01_/AICTE/IDEA-LAB-HQ/2021-2022/1429 Date:19/10/2022	3,00,000/-	Certified that out of the grant-in-aid of Rs. 3,00,000/- (in words) Three Lakh only sanctioned by the AICTE during the financial year 2022-23 in favour of Yeshwantrao Chavan College of Engineering, Nagpur as per letter mentioned in the margin, out of which Rs. 2,38,000/- only was actually received, Rs. NIL on account of unspent balance of previous year, Rs. NIL on account of other income / receipts, a sum of Rs. 2,04,738 has been utilized for the purpose for which it was sanctioned and the balance of Rs. 33,262 remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: -
 Audited Annual Accounts of the Institute
 Receipt and Payment account
 Periodical Progress Reports.
Dr. M. M. Mushrif

(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:

Dr. U. P. Waghe

(3). Signature of Head of the Institute:
 Name & Designation of the Head of Institute:
 Rubber stamp:
 Full Address: **Yeshwantrao Chavan college of Engineering, Hingana Road, Wanadongri, Nagpur-441110**
 Date:



FOR KUMAR & JAYAKRISHNAN
 Chartered Accountants
 F.R.N.:113708W
 CA G.V. Kumar
 M.No.:10088
 UDIN: 231002861B6VZWK41C0
 Date: 15/03/2023

(4). Signature of the Finance Officer/Accounts Officer:
 Name of the Finance Officer/Accounts Officer:
 (If it is Govt./Govt. Aided Institute)

AICTE Training and Learning(ATAL) Academy Programme

Annexure-III

SETTLEMENT OF EXPENDITURE

AICTE File No. (Sanction letter file No.): F. No. 01_/AICTE/IDEA-LAB_HQ/2021-2022/1429

Title of the Programme: Remote Sensing Applications with Machine Learning

Application No.: 1650514378

Name of the Coordinator : Dr. M. M. Mushrif

Date: of Sanction: 19-10-2022

No of Participants: 36

Duration of Programme (with dates): TWO Week. From 30-01-2023 to 10-02-2023

Details of expenditure Incurred Item wise	Amount Rs. (in each head)
1. Honorarium to Coordinator	10,000.00
2. Honorarium to Co-Coordinator	7000.00
3. Honorarium to Computer operator	1000.00
4. Honorarium for experts	67,500.00
5. Payment to three lab technicians	15,000.00
6. TA/DA to Experts	26,660.00
7. One book each for 20 participants as reward	5,909.00
8. Refreshment & Lunch	56,000.00
9. Miscellaneous charges	2,592.00
10. Hands on training material, consumables	13,077.00
Total	204,738.00
Grant Received	238,000.00
Balance to be Received	-33,262.00

(1) Dr. M. M. Mushrif
Name and Signature of Coordinator with Seal

(2) Dr. U. P. Waghe
Name and Signature of Head of Institution with Seal

(3) Signature (with Seal) of the Finance Officer/ Auditor/Accounts Officer
(If it is Govt./Govt. Aided Institute)

FOR KUMAR & JAYAKRISHNAN
Chartered Accountants
F.R.N.:113708W

UDIN: 231008613602NK4160
Date: 15/03/2023





अखिल भारतीय तकनीकी शिक्षा परिषद All India Council for Technical Education

(A Statutory Body of The Government of India)

(भारत सरकार का विधीक संस्थान)



पश्चिमी क्षेत्रीय कार्यालय WESTERN REGIONAL OFFICE

औद्योगिक अनुसंधान भवन, दूसरी मंजिल,
राष्ट्रीय औद्योगिक अभियांत्रिकी संस्थान
(नोटी) परिसर, विहार झील,
मुंबई - ४०० ०८७
दूरभाषा: (०२२) २८४७००१९/२८४७५७९३
अनुडाक: wro@aicte-indian.org
अंतरताना: www.aicte-indian.org

Industrial Research Building, 2nd Floor,
National Institute of Industrial Engineering
(NITIE) Campus, Vihar Lake,
Mumbai - 400 087
Tel: (022) 28470019 / 28475793
Email: wro@aicte-india.org
Web: www.aicte-india.org

Application No. 1650246339

F. No. 01_/AICTE /IDEA-LAB-HQ/2021-2022 / 1433

Date - 19 - 10 -2022.

To,

The Director / Principal,

Yeshwantrao Chavan College of Engineering Hingna Road,
Wanadongri, Nagpur - 441110.

**Sub: Release of a sum of Rs.3,00,000/- for AICTE Training & Learning (ATAL)
Academy Hybrid FDP's**

Sir,

This is to convey the sanction of the Council for payment of Rs.3,00,000/- (Rupees Three lakh only.) for conduct of FDP's **on Research Applications of Artificial Intelligence and Machine Learning** to Yeshwantrao Chavan College of Engineering Hingna Road, Wanadongri, Nagpur during 28th November to 9th December,2022 under **AICTE Training & Learning (ATAL) Academy**

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts.

a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.

b. The maximum cost for conducting per programme will be Rs. 3,00,000 /- as per details given as under:

Sr. No.	Particulars	Sanctioned Amt. for 2022-23 for Blended FDP's / CPDP)
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	Total	3,00,000/-

Programmes having permission to change amounts under different heads with overall ceiling of Rs.3.00 lakh being intact.

c. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

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(ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement etc. within one month of conduct of AICTE Training and Learning (ATAL) Academy programme.

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjusted.

v. General Instructions

a. Maximum 50 (minimum 30) participants may be allowed to attend blended FDP / CPDP within 100 km of host institutes. However, AICTE officials may be allowed to attend over and above the maximum limit.

b. A test has to be conducted on the last day accordingly Scheme Document 2022-23 and those who score more than 70% will be termed as successful candidates. Those who have attendance 80% or more and also score more than 70% in the test will be issued a digital certificate.

c. The sessions are to be recorded as the facility is available on the software which is being used for online delivery of FDP/CPDP. You are also requested to upload recording on YouTube of google drive.

d. Eligibility

For Institutions (Both Technical & Non- Technical.

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ii) Private organisation / institutions having overall NIRF ranking up to 200 or NAAC grade A++ OR Department conducting FDP / CPDP having full NBA accreditation.

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i) The faculty members of the AICTE approved institutions, Research scholars, PG scholar's, participants from Government, Industry, Bureaucrats/ Technicians / Professionals / School Teachers and staff of host institutions.

To be nominated by the Institute

ii) Not more than 10% from Host Institution.

iii) Maximum 50 (minimum 30) participants may be allowed to attend blended FDP/CPDP within 100 km of host institutes. However, AICTE officials may be allowed to attend over and above the maximum limit.

iv) Participants shall bear the cost of travelling and boarding/lodging if he/she wishes to attend ATAL FDP. However, refreshment & lunch would be provided for free.

ATAL FDPs/ CPDP are free, and No fee will be charged from any participant attending ATAL FDP / CPDP.

(e) If programme is not conducted in the financial year 2022 itself, the released amount has to be returned back to AICTE.

(f) If any extra money is required to complete the programme must be borne by the Institute from their own resources but the quality of the activities should not be compromised.

(g) FDP / CPDP, title name, name of the co-ordinator, Institute name is **not allowed to change** without permission of **AICTE**, however scheduled dates may be changed with information to ATAL Academy cell and Regional Office.

This sanction order may be treated as offer letter for all purpose.

Yours sincerely,



(Regional Officer & Member Secretary)
WRO, Mumbai, AICTE

Copy forwarded for information and necessary action to: -

1. Coordinator ATAL Programme - **Ujwala Gawande.**
2. ATAL Academy Cell AICTE HQ
3. Guard File



Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

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

Department of Information Technology

UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2022-23

Name of the Scheme under which Grant was sanctioned by AICTE Training And Learning(ATAL) (to be submitted separately for each sanction order)

AICTE File No. : 01_/AICTE/IDEA-LAB-HQ/2021-2022/1433

Name of Co-ordinator : Dr. U. H. Gawande

Dates of the Programme : 28th November 2022 to 9th December 2022

Title of the ATAL Programme : Research Applications of Artificial Intelligence and Machine Learning (RAAIML22)

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1	Application number :1650246339 AICTE File No.:01_/AICTE/IDEA-LAB-HQ/2021-2022/1433 Date:29/10/2022	3,00,000/-	Certified that out of the grant-in-aid of <u>Rs. 3,00,000/-</u> (in words) <u>Three Lack only</u> sanctioned by the AICTE during the financial year <u>2022-23</u> in favour of <u>Yeshwantrao Chavan College of Engineering,Nagpur</u> as per letter mentioned in the margin, out of which <u>Rs. 2,38,000/- only</u> was actually received, Rs. <u>NIL</u> on account of unspent balance of previous year, Rs. <u>NIL</u> on account of other income / receipts, a sum of Rs. <u>2,23,497</u> has been utilized for the purpose for which it was sanctioned and the balance of Rs. <u>14,503</u> remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: -

Audited Annual Accounts of the Institute

Receipt and Payment account

Periodical Progress Reports.

(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:

Dr. U. H. Gawande

Dean R&D, Convener-FDP RAAIML22,

Yeshwantrao Chavan college of Engineering, Hingana Road, Wanadongri, Nagpur-441110

FOR KUMAR & JAYAKRISHNAN
Chartered Accountants
F.R.N.: 113788W

CA G. V. KUMAR
M.No.: 10055

DATE: 06/01/2023

UDIN: 23100861 BGVZNC4944



(Signature)

Dr. U. P. Waghe

(3). Signature of Head of the Institute:
Name & Designation of the Head of Institute:
Rubber stamp:
Full Address: Yeshwantrao Chavan college of
Engineering, Hingana Road, Wanadongri,
Nagpur-441110
Date:

Principal
Yeshwantrao Chavan
College of Engineering
Wanadongri Hingana Road
NAGPUR-441110

(4). Signature of the Finance Officer/Accounts Officer:
Name of the Finance Officer/Accounts Officer:
(If it is Govt./Govt. Aided Institute)



Reference No. :- **IDEAMH003537****1. Details of Incubatee:**

1.1 Details of the Host Institute (HI)	Yeshwantrao Chavan College of Engineering , Wanadongri, Hingana Road, Nagpur , 07104242919 , principal@ycce.edu , 9764996477	1.2 Name of the Business Incubator (BI)	Dr. Sandip S.Khedkar , Asst. Professor , sskhedkar@ycce.edu , 9552555061
1.3 Category of the Incubatee	Entrepreneurs/MSME	1.4 Incubatee Name	Vaishali Arun Mutyalwar
1.5 State	MAHARASHTRA	1.6 District	NAGPUR
1.7 Email Id	devshahare0501@gmail.com	1.8 Mobile Number	9420998747
1.9 Category	OBC	1.10 Gender	Female
1.11 Address	Flat No:- 3 floor,Admin Block, Building:- YCCETBI, Road/Street:- Hingna Road, Village/Town:- Wanadongri, Block:- Admin Block, City:- Nagpur		

2. Details of Idea:

2.1 Title of proposed idea/innovation	CEILING FAN CLEANING DEVICE	2.2 Whether the idea involves use of existing intellectual property or not, give brief detail there of	The Patent is filed at Indian Patent Office on 24th February 2022 and it is under examination. Patent application no. is 202221009936
--	-----------------------------	---	---

<p>2.3 Briefly explain newness/uniqueness of the innovation</p>	<p>The field of the invention for the proposed work is for cleaning the fan blades of a ceiling fan. Cleaning devices of many shapes and sizes have been created for handling a variety of needs. Currently, there are no devices that allow a user to clean ceiling fan blades without the use of a ladder, step stool, or other elevating devices.</p>	<p>2.4 Concept & Objective</p>	<p>Concept: The present invention relates to cleaning devices and, more specifically, to a device that allows a user to clean both the top and bottom of a ceiling fan blade without the need for an elevating device of any kind. The invention may be adapted to work with a wide variety of 10 blade types, shapes, and sizes. It is the purpose and objective of the present invention to provide an improved means for safely cleaning both the tops and bottoms of ceiling fan blades without the need for ladders, step stools, or other elevating devices. It is a further objective of the present invention to provide a cleaning device for ceiling blades that will not, in any way, damage the blade, its finish, or fan mechanism through normal use. It is yet another feature and objective of the present invention to provide a one-piece cleaning cover that is easily installed for cleaning or removed for replacement. Objective: The main objectives of our innovative idea is: a)9To provide economic and efficient solutions for the ceiling fan cleaning process. b)9To develop easy to operate and portable device. c)9To improve to clean and eco-friendly environment in hospitals and government office. d)9To reduce the kati shoola or kati graham and considered to be an imbalance or vikrati in human body. e)9To provide comfort during cleaning of ceiling fan.</p>
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<p>2.5 Specify the potential areas of application in industry/market in brief</p>	<p>Ceiling type fans are extensively used in dwellings, offices and many other types of buildings to circulate air and reduce the cost of heating during cold weather and air-conditioning during hot weather. The blades of such fans, particularly on the top surfaces, become encrusted with a layer of dust that clings tenaciously to the blade surface and must be removed from time to time to maintain the full effective operation of the ceiling fan. In a conventional method of cleaning ceiling fans, a person will stand on a ladder or stool so the blades can be reached and then cleaned with a cloth or brush. Because such cleaning operations are so arduous to perform, a majority of ceiling fan blades remain uncleaned or are not cleaned nearly as often as needed. The potential areas of given product are household appliances, hospitals, offices and whenever cleaning is required.</p>	<p>2.6 Briefly provide the market data for the potential idea/ innovation</p>	<p>There are currently several varieties of apparatus for cleaning ceiling fans. Many of these have disadvantages for cleaning the upper surface of the ceiling fan blades, forcing the user to use a ladder or stool to reach the upper blade surfaces. Other cleaning tools require bulky vacuums or attachments which limit reach and mobility. None of these inventions gives the user a view of the top side of the ceiling fan blade being cleaned. Most of these inventions use a wiping or sweeping method with a fixed brush or cleaning surface to remove dust from the top side of the ceiling fan blade. The field of invention for the proposed work is for cleaning the fan blades of a ceiling fan. Cleaning devices of many shapes and sizes have been created for handling a variety of needs. Currently, there are no devices that allow a user to clean ceiling fan blades without the use of a ladder, step stool, or other elevating devices. This project is having a wide scope in an organization like colleges, schools, corporate offices, government offices, hospitals, restaurants, hotels and households etc. Almost everywhere when cleanliness is required. Since our idea is to clean a ceiling fan, which is a new concept in the market. Hence, there are no competitors.</p>
<p>2.7 Name and details of Mentors</p>	<p>Prof. D. Y. Shahare, Asst. Professor, Department of Mechanical Engineering Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra</p>	<p>2.8 Experience and Qualification of Mentors</p>	<p>Experience - 11 Years, Qualification - M.Tech, B.E.</p>
<p>2.9 Contact Details of Mentors</p>	<p>Yeshwantrao Chavan College of Engineering, Wanadongari, Hingana Road, Nagpur, Maharashtra, Pin - 441110, Mobile No. - 7620490270, Email - devshahare0501gmail.com</p>	<p>2.10 Current Development Status of innovation</p>	<p>The idea is at the proof of concept level. The prototyping is in the process which will further lead to a minimum viable product.</p>
<p>2.11 Expected time of completion of idea</p>	<p>The prototyping will be completed in the next 6 months and MVP will be developed within the next 6 months. In total, a maximum of 12 months are required for the completion of the idea in terms of reaching up to MVP.</p>	<p>2.12 Idea Sector</p>	<p>Services, Education, Hospitality, Media, Publishing, Entertainment, Design, Wellness, Logistics, Sports and any related sub-sector</p>

3. Financial requirements:

3.1 Activity-wise break

Particular/Item	Total idea project cost (Rs. In lakh)	Amount GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)
Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material , testing/Calibration charges, other charges essential for development of idea Max (10.00) lakh.	5.410	4.598	0.812
Charges for mentor/handholding supporting team Max (3.00) lakh.	2.000	1.700	0.300
Travelling Expenses or any other item not covered as above may be allowed as per need for development of the idea Max (2.00) lakh.	2.000	1.700	0.300
Total	9.410	7.998	1.412

Approved Activity-wise break

Approved By	Approved Date
PMAC	23/07/2022

Particular/Item	Total idea project cost (Rs. In lakh)	Amount GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)
Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material , testing/Calibration charges, other charges essential for development of idea Max (10.00) lakh.	5.410	4.598	0.812
Charges for mentor/handholding supporting team Max (3.00) lakh.	2.000	1.700	0.300
Travelling Expenses or any other item not covered as above may be allowed as per need for development of the idea Max (2.00) lakh.	2.000	1.700	0.300
Total	9.410	7.998	1.412

4. Other students/Entrepreneurs associated with this project/idea

Name	Aadhar No/Udhyog Aadhar No/Udyam Registration
Mr. Surendra Nagpure	239693135786
Uploaded Proposal	View/Download
Uploaded Minutes of the Selection Committee	View/Download
Uploaded Name and signature of the BI incharge	View/Download

Application Remarks			
Action	Date	Status	Remark
PMAC	23/Jul/2022 09:03:56 PM	Approved By PAMC	The financial sanction is as approved by the committee in the 2nd PMAC meeting. Check your mail and do the needful as instructed on priority basis. This maybe treated as most urgent. View/Download

I declare that:

1. I have read the entire scheme guidelines and shall abide by all the requirements stipulated therein for seeking financial assistance.
2. I hereby declare that information given above is true to the best of my Knowledge and that I have not withheld/distorted any material fact.
3. Any information/ documents that may be required to be verified shall be provided immediately before the concerned authority.
4. I hereby declare that I have not availed any financial assistance for this purpose from any other scheme from any Central/ State govt. agency.
5. In case the Idea is approved, Host Institute would undertake to make facilities available to carry out the development arrange for the submission of periodic progress reports and other information that may be required by the Ministry.
6. I certify that the accounts of the funds received and spent will be kept and made available on demand, as per scheme guidelines
7. I certify that the funds will be used only for Idea development as per activities defined in Scheme Guidelines & no funds out of this grant will be utilized for any other activity/production purposes.



Research and Development Cell

YCCE/R and D Cell/2022-23/ 972

Date: 15 March 2023

To
[Redacted]
Dr. Y. A. Suryawanshi
Department of Electronics Engineering

Subject: Approval of Proposal submitted under In-House Scheme of Innovative Experimental Setup

Dear Dr. Y. A. Suryawanshi

We are pleased to inform you that your proposal titled "Microcontroller Based Automatic water level detection and controlling water flow" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 12,000/-**.

You are requested to initiate the work on the project at the earliest.

Dr. Yogita Chitriv
Assistant Dean, FPD, R and D

Dr. Ujwala Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Electronics Engineering, YCCE
- A/C Section, YCCE





Yeshwantrao Chavan College of Engineering

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

Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-237919, 234623, 329240, 329250 Fax: 07104-232376, Website: www.ycce.edu

Research and Development Cell

YCCE/R and D Cell/2022-23/ 473

Date: 15 March 2023

To

M. S. Tufail

Department Mechanical Engineering

Subject: Approval of Proposal submitted under In-House Scheme of Innovative Experimental Setup

Dear M. S. Tufail

We are pleased to inform you that your proposal titled "EDM Process Duration Measurement" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 9,300/-**.

You are requested to initiate the work on the project at the earliest.

Dr. Yogita Chitriv
Assistant Dean, FPD, R and D

Dr. Ujwalla Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Mechanical Engineering, YCCE
- A/C Section, YCCE





Nagpur, Yeshwantrao Chavan Sanstha's
Yeshwantrao Chavan College of Engineering

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

Hingna Road, Wanadongri, Nagpur - 441 110

Ph: 07104 237010, 234623, 329249, 329250 Fax: 07104 232376, Website: www.ycce.edu

Research and Development Cell

YCCE/R and D Cell/2022-23/ 174

Date: 15 March 2023

To

Charuta S Waghmare

Department of Civil Engineering

Subject: Approval of Proposal submitted under In-House Scheme of Innovative Experimental Setup

Dear Charuta S Waghmare

We are pleased to inform you that your proposal titled "Modified Roughing Filter" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 15,000/-**.

You are requested to initiate the work on the project at the earliest.

Dr. Yogita Chitriv
Assistant Dean, FPD, R and D

Dr. Ujwalla Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Civil Engineering, YCCE
- A/C Section, YCCE





Research and Development Cell

YCCE/R and D Cell/2022-23/475

Date: 15 March 2023

To

Dr. Bharati Masram

Department of Electronics and Telecommunication Engineering

Subject: Approval of Proposal submitted under In-House Scheme of Innovative Experimental Setup

Dear Dr. Bharati Masram

We are pleased to inform you that your proposal titled "To Perform various interfacing with the development board of Microcontroller 8051" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 21,600/-**.

You are requested to initiate the work on the project at the earliest.

Dr. Yogita Chitriv
Assistant Dean, FPD, R and D

Dr. Ujwalla Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Electronics and Telecommunication Engineering, YCCE
- A/C Section, YCCE





Research and Development Cell

YCCE/R and D Cell/2022-23/ 476

Date: 15 March 2023

To
Kanchan Kamble
Department of Electronics and Telecommunication Engineering

Subject: Approval of Proposal submitted under In-House Scheme of Innovative Experimental Setup

Dear Kanchan Kamble

We are pleased to inform you that your proposal titled "To study and verify the operation of various types of waveform generator using IC 741" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 7,000/-**.

You are requested to initiate the work on the project at the earliest.

Dr. Yogita Chitriv
Assistant Dean, FPD, R and D

Dr. Ujwalla Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Electronics and Telecommunication Engineering, YCCE
- A/C Section, YCCE





Research and Development Cell

YCCE/R and D Cell/2022-23/ 477

Date: 15 March 2023

To
Swati Nitnaware
Department of Electronics and Telecommunication Engineering

Subject: Approval of Proposal submitted under In-House Scheme of Innovative Experimental Setup

Dear Swati Nitnaware

We are pleased to inform you that your proposal titled "To design the logic circuit to control a motorized device that moves by signal from photocell sensors" is recommended by the committee for approval and the proposal is approved for financial assistance of Rs. 10,000/-.

You are requested to initiate the work on the project at the earliest.

Dr. Yogita Chitriv
Assistant Dean, FPD, R and D

Dr. Ujwala Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Electronics and Telecommunication Engineering, YCCE
- A/C Section, YCCE





Research and Development Cell

YCCE/R and D Cell/2022-23/478

Date: 15 March 2023

To
Prasad Hatwalne
Department of Mechanical Engineering

Subject: Approval of Proposal submitted under In-House Scheme of Innovative Experimental Setup

Dear Prasad Hatwalne

We are pleased to inform you that your proposal titled "Determination of Metacentric Height" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 1900/-**.

You are requested to initiate the work on the project at the earliest.

Dr. Yogita Chitriv
Assistant Dean, FPD, R and D

Dr. Ujwalla Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Mechanical Engineering, YCCE
- A/C Section, YCCE





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

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

Research and Development Cell

YCCE/R and D Cell/2022-23/464

Date: 15 March 2023

To

Prof. Prachi Gawande

Department of Electronics Engineering

Prof. Yogesh Kale

Department of Electronics & Telecommunication

Subject: Approval of Proposal submitted under In-House Innovative Minor Patentable Product/Project Development Scheme.

Dear Prof. Prachi Gawande / Prof. Yogesh Kale

We are pleased to inform you that your proposal titled "True Water Power Saver for Common Washroom" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 17470/-**.

You are requested to initiate the work on the project at the earliest.

Dr. Nita D. Rehpade
Assistant Dean,
IPR

Dr. Ujwala Gawande
Dean, R and D

Dr. U. P. Waghe
Principal
Principal
Yeshwantrao Chavan
College of Engineering
Wanadongri Hingna Road,
NAGPUR-441110

Copy To

- HoD, Department of Electronics Engineering, YCCE
- HoD, Department of Electronics & Telecommunication, YCCE
- A/C Section, YCCE





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

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

Research and Development Cell

YCCE/R and D Cell/2022-23/ 465

Date: 15 March 2023

To
Prof. V. B. Niranjane
Department of Electronics & Telecommunication


Subject: Approval of Proposal submitted under In-House Innovative Minor Patentable Product/Project Development Scheme.


Dear Prof. V. B. Niranjane

We are pleased to inform you that your proposal titled "Canal Water Data Monitoring System" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 15539/-**.

You are requested to initiate the work on the project at the earliest.


Dr. Nita D. Rehpade
Assistant Dean,
IPR


Dr. Ujwala Gawande
Dean, R and D


Dr. U. P. Waghe
Principal
Principal
Yeshwantrao Chavan
College of Engineering
Wanadongri Hingna Road,
NAGPUR-441110

Copy To

- HoD, Department of Electronics & Telecommunication, YCCE
- A/C Section, YCCE





Research and Development Cell

YCCE/R and D Cell/2022-23/466

Date: 15 March 2023

To

Prof. S. A. Desai/ Dr. M. M. Mushrif/ Dr. C. S. Gode
Department of Electronics & Telecommunication

Subject: Approval of Proposal submitted under In-House Innovative Minor Patentable Product/Project Development Scheme.

Dear Prof. S. A. Desai/ Dr. M. M. Mushrif/ Dr. C. S. Gode

We are pleased to inform you that your proposal titled "IOT based Electrical energy monitoring system" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 27550/-**.

You are requested to initiate the work on the project at the earliest.

Dr. Nita D. Rehpade
Assistant Dean,
IPR

Dr. Ujwalla Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Electronics & Telecommunication, YCCE
- A/C Section, YCCE





Research and Development Cell

YCCE/R and D Cell/2022-23/ 469

Date: 15 March 2023

To
Prof. Prasad Hatwalne
Department of Mechanical Engineering

Subject: Approval of Proposal submitted under In-House Innovative Minor Patentable Product/Project Development Scheme.

Dear Prof. Prasad Hatwalne

We are pleased to inform you that your proposal titled "Development of a device for slowing or stopping a moving human powered carts" is recommended by the committee for approval and the proposal is approved for financial assistance of **Rs. 19500/-**.

You are requested to initiate the work on the project at the earliest.

Dr. Nita D. Rehpade
Assistant Dean,
IPR

Dr. Ujwalla Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Mechanical Engineering, YCCE
- A/C Section, YCCE





Research and Development Cell

YCCE/R and D Cell/2022-23/470

Date: 15 March 2023

To

Prof. M.S. Tufail / Prof. C. A. Mahatme
Department of Mechanical Engineering

Subject: Approval of Proposal submitted under In-House Innovative Minor Patentable Product/Project Development Scheme.

Dear Prof. M.S. Tufail / Prof. C.A. Mahatme

We are pleased to inform you that your proposal titled "Analysis of Plastic Molding Clamp By Using Additive Manufacturing" is recommended by the committee for approval and the proposal is approved for financial assistance of Rs. 13900/-.

You are requested to initiate the work on the project at the earliest.

Dr. Nita D. Rehpade
Assistant Dean,
IPR

Dr. Ujwala Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Mechanical Engineering, YCCE
- A/C Section, YCCE





Research and Development Cell

YCCE/R and D Cell/2022-23/ 468

Date: 15 March 2023

To
Prof. Vivek Jayale
Department of Civil Engineering

Subject: Approval of Proposal submitted under In-House Innovative Minor Patentable Product/Project Development Scheme.

Dear Prof. Vivek Jayale

We are pleased to inform you that your proposal titled "Horizon -X1" is recommended by the committee for approval and the proposal is approved for financial assistance of Rs. 26800/-.

You are requested to initiate the work on the project at the earliest.

Dr. Nita D. Rehpade
Assistant Dean,
IPR

Dr. Ujwala Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

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

Copy To

- HoD, Department of Civil Engineering, YCCE
- A/C Section, YCCE





Yeshwantrao Chavan College of Engineering

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

Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

Research and Development Cell

YCCE/R and D Cell/2022-23/ 467

Date: 15 March 2023

To
Prof. Prashant Pande
Department of Civil Engineering

Subject: Approval of Proposal submitted under In-House Innovative Minor Patentable Product/Project Development Scheme.

Dear Prof. Prashant Pande

We are pleased to inform you that your proposal titled "Light Weight Bricks" is recommended by the committee for approval and the proposal is approved for financial assistance of Rs. 24350/-.

You are requested to initiate the work on the project at the earliest.

Dr. Nita D. Rehpade
Assistant Dean,
IPR

Dr. Ujwalla Gawande
Dean, R and D

Dr. U. P. Waghe
Principal

Principal
Yeshwantrao Chavan
College of Engineering
Hingna Road, Nagpur-441110

Copy To

- HoD, Department of Civil Engineering, YCCE
- A/C Section, YCCE



Yeshwantrao Chavan College of Engineering

Hingna Road Wanadongri,
N A G P U R - 441110

Student Project Expenses Ledger Account

1-Apr-2022 to 6-Sep-2023

Page 1

Date	Particulars	Vch Type	Vch No.	Debit	Credit
5-7-2022	Cr Moharil R.M	JOURNAL_	YCCE/ JV- 389	6,447.00	
	Primary Cost Category				
	Electrical Engg[E L.]			6,447.00 Cr	
	Primary Cost Category				
	Electrical Engg[E L.]			6,447.00 Dr	
	<i>being amount of Provision for Project Expenses submitted by Dept of Electrical - Project Titled-Hybrid Power Generation & Storage MGMT - Material Purchase from Engineers Lab of Inv No. EL-03-24.04.2022 Student Name- Arinarose Mulla, Devyani Yadav, Janhavi Ambadkar, Rutuja Ingole, Pranay Kothale, Prathmesh Thabhane] Guide Name :- DR R Moharil]</i>				
				6,447.00	
	Dr Closing Balance				6,447.00
				6,447.00	6,447.00
1-4-2023	Cr Opening Balance			6,447.00	
14-8-2023	Cr Doifode V. R.	JOURNAL_	YCCE/ JV- 656	41,493.00	
	Primary Cost Category				
	Electrical Engg[E L.]			24,463.00 Dr	
	5 nos				
	<i>being amount of Project Expenses submitted by Dept of Electrical [Rs. 24463/- Topics To Generate Electricity by using Smart Speed Breakers- Student Name - Aditya Jaitly, Neahl Wande, Nikki Singh & Janhavai katey & Rs. 17030/- Topics-Design of Pumped Storage Hydro Power Plant- Student Name- Suresh Patane, Prathmesh Chitode, Bhargawi Wagh, Chaitnay Khati & Pratiksha Raut]</i>				
				47,940.00	
	Dr Closing Balance				47,940.00
				47,940.00	47,940.00

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Student Project Expenses

Ledger Account

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Date	Particulars	Vch Type	Vch No.	Debit	Credit
10-9-2022	Cr Thote Dhiraj K Primary Cost Category Electronics & Telecomm. [E & T] 2,838.00 Cr	JOURNAL_	YCCE/ JV- 716	2,838.00	
	Primary Cost Category Electronics & Telecomm. [E & T] 2,838.00 Dr <i>being expenses submitted by student of dept of E & T [Project Name- Moedm e-trolley for good purchase with inventory management using android application] student name-Shantanu Kasale, Manjeet thakur, Parth Chinchalkar] Amazon in-Rs. 1199/- +419& Sarvana Electronics-1220/</i>				
	Cr Madankar A A Primary Cost Category Electronics & Telecomm. [E & T] 12,440.00 Cr	JOURNAL_	YCCE/ JV- 717	12,440.00	
	Primary Cost Category Electronics & Telecomm. [E & T] 12,440.00 Dr <i>being expenses submitted by student of dept of E & T [Project Name-Accident detecting and prevation systems integrated in electric Pole] student Name - Ritesh Gokhe, Harshal Dharmik, Nikita Borate] - Novelty Electrnics of /bill No. 159 dt. 03.10.2021</i>				
24-9-2022	Cr Desai Sandip A. Primary Cost Category Electronics & Telecomm. [E & T] 910.00 Dr	JOURNAL_	YCCE/ JV- 803	3,331.00	
	<i>ANUKSHA SAKALKAR, PRERANA MESHARAM, ABHILASHA WALKE being expenses incurred for Project expenses submitted by dept of E & T [Project Name- Plant Water Systems for Rs. 910/- & Automatic Plant Watering Systems for Rs. 690/- & Water level Indicator for Rs. 408/- & Bluetooth Controlled door lock for Rs. 733/- & Automatic Visitor Counter for Hospita for Rs. 590/-]</i>				

Date	Particulars	Vch Type	Vch No.	Debit	
	Brought Forward			18,609.00	
24-9-2022	Cr MASRAM BHARATI Primary Cost Category Electronics & Telecomm. [E & T] 596.00 Dr BHARGAV SABLE, NIKHIL TATATULE, OM GATUWAR <i>being expenses incurred for Project expenses submitted by dept of E & T [Project Name- Automatic plant irrigation systems using, microcontroller 8051 for Rs. 596/- & Water level indicator using 8051 microcontrollrer for Rs. 638/- & Automaic room Light Controller for Rs. 548/- & Automatic Railway Gate for Rs. 537/- & Automatic visitor Counter for Rs. 844/- & Automatic Hand sanitisation Systems]</i>	JOURNAL_	YCCE/ JV- 804	3,730.00	
	Cr Choudhari Anagha V Primary Cost Category Electronics & Telecomm. [E & T] 1,587.00 Dr SHSHRUT PANTAONE <i>being expenses incurred for Project expenses submitted by dept of E & T [Project Name- Automatic hand sanitisation machine for Rs. 1587/-Fastage finger First , Led Togglng for Rs. 1103/- & To Check the LPG Gas Leakage for Rs. 802/-]</i>	JOURNAL_	YCCE/ JV- 805	3,492.00	
	Cr MASRAM BHARATI Primary Cost Category Electronics & Telecomm. [E & T] 590.00 Dr AYUSH MISHRA, AYUSH GAWANDE, NAKSHATRA SHINEKER <i>being expenses incurred for Project expenses submitted by dept of E & T [Project Name- Voting Machine using 8051 Micro Controller for Rs. 590/- & Automaic Plant Watering Systems for Rs. 672/- & Bluthooth Controlled door lock system for Rs. 1309/-]</i>	JOURNAL_	YCCE/ JV- 806	2,571.00	
	Cr Choudhari Anagha V Primary Cost Category Electronics & Telecomm. [E & T] 1,864.00 Dr RITESH UCHITKAR, LATIKA DHABALE, ATHANRVA DANI <i>being expenses incurred for Project expenses submitted by dept of E & T [Project Name- Automtic Plant watering systems , led blinking for Rs. 1864/- & Gasleakage idenfification & Led Togglng for Rs. 761/- & Automatic watering system, led Togglng for Rs. 1675/-]</i>	JOURNAL_	YCCE/ JV- 807	4,300.00	
				32,702.00	
Dr	Closing Balance				32,702.00
				32,702.00	32,702.00

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Student Project Expenses

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Date	Particulars	Vch Type	Vch No.	Debit	Credit
24-9-2022	Cr Ambekar S.V. Primary Cost Category Civil Department [C E] 3,260.00 Cr SRUSHTI DEWANAND CHINDHALOR Primary Cost Category Civil Department [C E] 3,260.00 Dr M-TECH <i>being expenses incurred for Project expenses submitted by dept of Civil [Project Name-Performance evaluation of Micorlage for treatment of Industrial Waster Water- 1770+720+300+100+170+200]P G PROJECT]</i>	JOURNAL_	YCCE/ JV- 808	3,260.00	
	Cr Meshram V.G. Primary Cost Category Civil Department [C E] 5,510.00 Cr SHUBHAM ATRAM, GAGAN PAL, AKANSHA LALWANI, SHAILESH DHONGI, SAMIKSHA BHITADE Primary Cost Category Civil Department [C E] 5,510.00 Dr <i>being expenses incurred for Project expenses submitted by dept of Civil [Project Name-Light weight Concrete containing recyled Plastic - 1510/+4000/-]</i>	JOURNAL_	YCCE/ JV- 809	5,510.00	
	Cr Gajbhiye A . R. Primary Cost Category Civil Department [C E] 5,590.00 Cr MOHD ASHADULLAH ANSARI Primary Cost Category Civil Department [C E] 5,590.00 Dr <i>being expenses incurred for Project expenses submitted by dept of Civil [Project Name-Utilisation of Waste Plastic in manufacturing of Bricks using Cement - 2100+1200+400+1890]</i>	JOURNAL_	YCCE/ JV- 810	5,590.00	
	Cr Nandurkar Bhupesh Primary Cost Category Civil Department [C E] 7,690.00 Cr RUPESH NARKHEDE, NISHANT MASKE, SIDDHESH MUDDOMWAR Primary Cost Category Civil Department [C E] 7,690.00 Dr ESHAN GHARPURE, SIDDHANT WARADE, ADITI HARDE <i>being expenses incurred for Project expenses submitted by dept of Civil [Project Name-Utilisation of Water Glass in Concrete - 3600+1380+2160+550]</i>	JOURNAL_	YCCE/ JV- 811	7,690.00	
	Carried Over				22,050.00

Date	Particulars	Vch Type	Vch No.	Debit	Credit
	Brought Forward			22,050.00	
24-9-2022	Cr Raut Sanjay Padmakar Primary Cost Category Civil Department [C E] 11,895.00 Cr SWAPNIL RAIPUR, TANMAY *AMBUDE, TEKESDRA SANDIYE	JOURNAL_	YCCE/ JV- 812	11,895.00	
	Primary Cost Category Civil Department [C E] 11,895.00 Dr ATHARVA YERNE, RUTUJA RATHOD, SUMIT NANORE <i>being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Development of sustainable concrete using Textile effluent sludge - 11800+95]</i>				
	Cr Mendhe Vaishali N Primary Cost Category Civil Department [C E] 9,356.00 Cr GAURAV BHAKTE, DATTA DESHMUKH, PIPRANTNA PATIL	JOURNAL_	YCCE/ JV- 813	9,356.00	
	Primary Cost Category Civil Department [C E] 9,356.00 Dr SUSHANT NIMBALKAR, SARTHK RAMTEKE, RAJESH MADAVI <i>being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Experimental Study of Concrete by Partial replacement with Fly Ash and Fine aggregate with by copper Slag - 2970+500 +5886]</i>				
	Cr ANSARI KHALID SHAMIM Primary Cost Category Civil Department [C E] 25,032.00 Cr AMATYA PAHANPATE, KAMLESH BIIOND, SHUBHAM AKHARE	JOURNAL_	YCCE/ JV- 814	25,032.00	
	Primary Cost Category Civil Department [C E] 25,032.00 Dr ISHA JIWANE, NIKHITA UPRE, VAIDEHI WAGALWAR <i>being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Experimental analysis of grey water treatment by hybrid process of solar based electrocoagulation and semi-membrane process - 12844.30+12188.22]</i>				

Carried Over

68,333.00

Date	Particulars	Vch Type	Vch No.	Debit	Credit
	Brought Forward			68,333.00	
24-9-2022	Cr Agrawal Dhiraj G	JOURNAL_	YCCE/ JV- 815	16,837.00	
	Primary Cost Category				
	Civil Department [C E] 16,837.00 Cr				
	ANIKET KOPARKAR, SARANG BHIMANWAR, TEJAS TIPALE				
	Primary Cost Category				
	Civil Department [C E] 16,837.00 Dr				
	JANVI SARODE, SHIVANI NAMOJWAR, VAIDEHI BANSODE				
	being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Static and dynamic behavior of regulensed concrete - 1025+7232+150 +3630+4800]				
	Cr Hinge Pawan	JOURNAL_	YCCE/ JV- 816	2,460.00	
	Primary Cost Category				
	Civil Department [C E] 2,460.00 Cr				
	ANIKET NAGE, VAIBHAV TUMALE, RUSHIKESH HIWANJ				
	Primary Cost Category				
	Civil Department [C E] 2,460.00 Dr				
	ATHARVA KASLIKAR, PRANAY RAHATE, SUYUESH RAKHUNDE				
	being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Insvestigation of E Waste as Replacement of Concrete agg in M S Concrete - 360+1400+700]				
	Cr Yadav Amruta A	JOURNAL_	YCCE/ JV- 817	2,138.00	
	Primary Cost Category				
	Civil Department [C E] 2,138.00 Cr				
	KARTIK INGLE, AHMED RAZA KHAN, RISHIKESH KARALE				
	Primary Cost Category				
	Civil Department [C E] 2,138.00 Dr				
	SAURABH MADANKAR, MANTHAN PARTEKI, BHUSHAN MADAVI				
	being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Effect on strength Concrete using metakaolin & Copper slag - 2138]				
	Cr Meshram Sangita S	JOURNAL_	YCCE/ JV- 818	5,094.00	
	Primary Cost Category				
	Civil Department [C E] 5,094.00 Cr				
	DHIRAJ RATHOD, SAHIL JAGTAP, RITESH DHUMNE				
	Primary Cost Category				
	Civil Department [C E] 5,094.00 Dr				
	SHAILESH BIND, SUBODH GAIKWAD, RAHIL INGLE				
	being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Development of Building Block using capola slag as inced granular material -5094/-]				
	Carried Over			94,862.00	

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Date	Particulars	Vch Type	Vch No.	Debit	Credit
	.Brought Forward			94,862.00	
24-9-2022	Cr WAGH Monali R Primary Cost Category Civil Department [C E] 15,282.00 Cr YASH PISE, YASH KENE, YASH BHAWATKAR, Primary Cost Category Civil Department [C E] 15,282.00 Dr AYUSH THAKRE, DIGUJAY DASTURE, OM HIRAPURE being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Study of soil compacting concrete using bagasse ash & Molakaalin -3540+944 +7788+3010]	JOURNAL_	YCCE/ JV- 810	15,282.00	
	Cr Kalamkar Sanket G Primary Cost Category Civil Department [C E] 7,340.00 Cr AMAY TINKHIDE, ANIKET NAGIRKAR, KINSHEK KARMARKAR Primary Cost Category Civil Department [C E] 7,340.00 Dr AACHAL GADPAYALE, YASH NETKE, DIVYA CHIMURKER being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Reduction of surface rain water by developing previous concrete using waste material -640+6700]	JOURNAL_	YCCE/ JV- 820	7,340.00	
	Cr RAJESH M BHAGAT Primary Cost Category Civil Department [C E] 13,452.00 Cr VEDIKA KAMDI, UTKARSHA GOHETRE, PRATIK JASWANTI Primary Cost Category Civil Department [C E] 13,452.00 Dr AASHITA PARBUDE, MEENAL KOTPALLIWAR, RACHNA BOKSE being expenses incurred for Project expenses submitted by dept of Civil [Project Name -Evaluation of Adsorption capacity of Adsorbents prepared fro Waste -5310+1416 +5310+1416]	JOURNAL_	YCCE/ JV- 821	13,452.00	
	Cr Khandeshwar S.R. Primary Cost Category Civil Department [C E] 43,359.00 Cr M-TECH Primary Cost Category Civil Department [C E] 43,359.00 Dr ANUJA RAVINDRA GANGTHADE being expenses incurred for Project expenses submitted by dept of Civil [Project Name -Study membrane Bioreactor & to check the performance of Ceramic membrane Bio reaction -8390+43359]P G PROJECT]	JOURNAL_	YCCE/ JV- 822	43,359.00	
	Carried Over				1,74,295.00

Date	Particulars	Vch Type	Vch No.	Debit	Credit
	Brought Forward			1,74,295.00	
24-9-2022	Cr Ambekar S.V. Primary Cost Category Civil Department [C E] M-TECH 12,280.00 Cr	JOURNAL_	YCCE/ JV- 823	12,280.00	
	Primary Cost Category Civil Department [C E] PRADHINYA VIITHALRAO, KOLHE being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Study the feasibility of Electro fenton Process-1500+350+195+500+1820+1500 +700+1000] P G PROJECT				
	Cr Waghmare Charuta S Primary Cost Category Civil Department [C E] BHABESH BASAK, DIGVIJAY DASTURE, PRATHAMESH URADE 7,887.00 Cr	JOURNAL_	YCCE/ JV- 824	7,887.00	
	Primary Cost Category Civil Department [C E] RAKSHA DHAKATE, REVATI KOKATE, SHEFALI MOHILE being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Development of Horizontal raughing filter for pretreatment of Grey Water - 382 +260+3000+300+1220+70+2655]				
	Cr Warade Harshal Primary Cost Category Civil Engg monika deoprasad TIWARI 12,450.00 Cr	JOURNAL_	YCCE/ JV- 825	12,450.00	
	Primary Cost Category Civil Department [C E] M-TECH being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Recirculation of Digoslate in C S T R - 2500+2200+1100+800+1600+500+250 +3500] P G PROJECT]				
	Cr RAJESH M BHAGAT Primary Cost Category Civil Department [C E] NEHAL GHARODE 10,746.00 Cr	JOURNAL_	YCCE/ JV- 826	10,746.00	
	Primary Cost Category Civil Department [C E] M-TECH being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Removal of Nichel from aquous soil using agricultural waste based composite addorbent - 4720+1062+2124+650+235 +480+220+1222- P G PROJECT]				
	Carried Over				
					<u>2,17,658.00</u>

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Student Project Expenses Ledger Account : 1-Apr-2022 to 31-Jul-2023

Date	Particulars	Vch Type	Vch No.	Debit	Credit
	Brought Forward			2,17,658.00	
24-9-2022	Cr RAJESH M BHAGAT Primary Cost Category Civil Department [C E] 12,036.00 Cr ROSHAN R BHURSE Primary Cost Category Civil Department [C E] 12,036.00 Dr M-TECH <i>being expenses incurred for Project expenses submitted by dept of Civil [Project Name - Utilisation of Agricultural Waste based adsorbe for removal of Copper from waster water - 1416+5310+5310- P G PROJECT]</i>	JOURNAL_	YCCE/ JV- 827	12,036.00	
					2,29,694.00
Dr	Closing Balance			2,29,694.00	2,29,694.00



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

