

Yeshwantrao Chavan College of Engineering
(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University),
Hingna Road, Wanadongri, Nagpur - 441 110

Internal Quality Assurance Cell (IQAC) Meeting

Date: 03 Aug. 2023

To,

The Members of the Internal Quality Assurance Cell (IQAC) of YCCE

Dear Sir/ Madam,

The meeting of the Internal Quality Assurance Cell (IQAC) of YCCE is scheduled on **Saturday, 12th August 2023 at 12.00 noon** in YCCE Board Room.

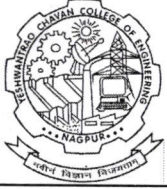
The agenda for the meeting shall be as follows:

1. To welcome members
2. To confirm the MoM of the previous IQAC meeting and consider the action taken report
3. To discuss the Opportunities identified through SWOC of YCCE Strategic Plan 2023 to 2027
4. To discuss the NEP 2020 Implementation Action Plan
5. To discuss the NBA Accreditation of 06 programs Expert Committee Recommendations
6. To discuss and finalize the IQAC Action Plan for 2023-24
7. To discuss further decentralization of YCCE IQAC with inclusion of additional Coordinators
8. Any other matter with the permission of the chair.

Kindly make it convenient to attend the meeting.

Sd/-
Dr. A.R. Bhagat Patil
Director, IQAC & Dean, (Planning & Development)

Sd/-
Dr. U. P. Waghe
Chairperson, IQAC & Principal, YCCE



Nagar Yuwak Shikshan Sanstha's

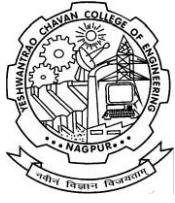
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MEETING OF THE INTERNAL QUALITY ASSURANCE CELL held on 12.08.2023 at 12 noon

SN	Name	Designation	Signature
1.	Smr. Vrindatai Meghe, Chief Advisor, MGI	Special Invitee	
SN	Name	Designation	Signature
2.	Dr. U.P. Waghe, Principal	Chairman, IQAC	
3.	Dr. A.R. Bhagat Patil, Dean (P&D)	Director, IQAC & Member Secretary	
4.	Dr. Mrs. M.M. Kshirsagar, Director & Advisor, MGI	Member from Management	
5.	Mr. Deepak Deshmukh, Proprietor, Raunak Industries, Nagpur	Member, Industry	
6.	Mr. Ashish Khole, Dy. General Manager, TAL, Nagpur	Member, Employer	
7.	Er. Sandeep Aparajit, Self Employed Professional, Nagpur	Member, Stakeholder Parent	
8.	Dr. D.P. Mase, Structural Engineer, P.T. Mase & Associates	Member, Alumni	
9.	Dr. Manish Ingle, VP & Business Unit Head-Water, Ceinsys Tech. Ltd., Nagpur	Member, Local Society	
10.	Mr. Chetan Wazalwar, C.A.O.	Sr. Administrative Officer	
11.	Dr. A.V. Patil, Dean (Acad. Matters)	Sr. Teacher Member	
12.	Dr. S.V. Prayagi, Registrar	Sr. Teacher Member	
13.	Prof. D.R. Raut, COE	Sr. Teacher Member	
14.	Dr. Sharad Chaudhari, Dean (OBE)	Sr. Teacher Member	
15.	Dr. Mrs. G.M. Dhopavkar	Sr. Teacher Member	
16.	Dr. Mrs. U.H. Gawande, Dean (R&D)	Sr. Teacher Member	
17.	Dr Aniket Munshi, Dean (S.A.)	Sr. Teacher Member	
18.	Dr. Mrs. M.P. Gandhi, BE I Year Coordinator	Sr. Teacher Member	
19.	Mr. Survash S. Rajankar (Overall Topper III Yr.)	Student Member	
20.	Prof. Nikhil Mangrulkar, A.P. CT	Special Invitee	
21.	Prof. Dhiraj Agrawal, A.P. CE	Special Invitee	



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Minutes of Meeting

Date: 17th August-2023

Minutes of the Internal Quality Assurance Cell held on **Saturday, 12th August 2023 at 12 noon at Board Room, YCCE.** The following IQAC member attended the meeting -

1. **Smt. Vrindatai Meghe, Chief Advisor MGI - Special Invitee**
2. **Dr. U.P. Waghe, Chairman,**
3. **Dr. Mrs. M.M. Kshirsagar, Member from Management**
4. **Dr. A.R. Bhagat Patil, Director IQAC & Member Secretary**
5. **Mr. Ashish Khole, Member, Employer**
6. **Er. Sandeep Aparajit, Member, Stakeholder Parent**
7. **Dr. D.P. Mase, Member, Alumni**
8. **Dr. A.V. Patil, Sr. Teacher Member**
9. **Prof. D.R. Raut, Sr. Teacher Member**
10. **Dr. Sharad Chaudhari, Sr. Teacher Member**
11. **Dr. Mrs. U.H. Gawande, Sr. Teacher Member**
12. **Dr. Aniket Munshi, Sr. Teacher Member**
13. **Dr. Mrs. M.P. Gandhi, Sr. Teacher Member**
14. **Mr. Survansh S. Rajankar, Student Member**
15. **Prof. Nikhil Mangrulkar, Special Invitee**
16. **Prof. Dhiraj Agrawal, Special Invitee**

Leave of absence granted to :-

1. **Mr. Deepak Deshumkh, Member from Industry.**
2. **Dr. Manish Ingle, Member, Local Society**
3. **Dr. S.V. Prayagi, Sr. Teacher Member**
4. **Mr. Chetan Wazalwar, Sr. Administrative Officer**
5. **Dr. Mrs. G.M. Dhovavkar, Sr. Teacher Member**

At the outset, the Chairman, IQAC, welcomed all members for the meeting of Internal Quality Assurance Cell. The meeting commenced with the pre-circulated agenda and discussion is as under:-

Agenda points:-

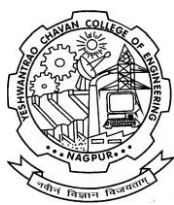
1) To Welcome New IQAC Members:

Dr. U.P. Waghe, Principal & Chairman, IQAC, YCCE welcomed the new members of IQAC for the IQAC Meeting. Floral welcome was offered to Mr. Survash S. Rajankar, Student Member, Prof. Nikhil Mangrulkar & Prof. Dhiraj Agrawal, Special Invitee.

2) To confirm the Minutes of Meeting of the IQAC held on 7th December 2022 and consider the action taken report: -

It was informed that the minutes of the IQAC meeting held on 7th December 2022 were circulated to all the members of IQAC, requesting them to suggest modifications/corrections, if any. Since no comments were received from the IQAC members, it was unanimously confirmed by the members.

Director IQAC presented the observations done by the NAAC Peer Team during their visit for II Cycle of NAAC Accreditation which was reviewed by the IQAC Members.



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The action taken report on actionable points of the last meeting of IQAC held on 7th December 2022 for information of IQAC members:

Actionable Points	Action Taken
AQAR 2021-22 Submission	Submitted on 02 Feb. 2023
Active MOU's with good companies with the help of Er. Ashish Khole.	<ul style="list-style-type: none">MoU with DRAL is not possible because of company policy. Mr. Khole suggested exposing students to Catia Software for internship & placement opportunities at TASL.01 student received a placement offer from DRAL.
Research equipment purchase planning to be done from equipment budget of departments	<ul style="list-style-type: none">Dean (R&D) collected the details of research equipment (also useful for consultancy) from each department. The selected equipment's are included in current year budget requirements.
Involvement of Industry persons who can help student in start-up/innovations. Few Names to be taken from Er. Khole.	<ul style="list-style-type: none">Dean (R&D) & Dr. Khedkar had a meeting with Er. Khole. For presentation Er. Khole will provide a presentation slot for the YCCE in the next VIA meeting. He will also help with the tie up with some industries for the start-ups & allied activities during the VIA meeting.
To send students in TAL every year for training & internship- (Electrical, Mechanical & Civil)	<ul style="list-style-type: none">10 students finished semester long internship at TASL, Nagpur.
To get live projects for consultancy from smaller vendors attached with TASL	<ul style="list-style-type: none">No Live project received from BU to HR of TASL.Energy Audit & Third-Party Audit possibility was explored by Er. Khole after discussing with TASL officials. The Energy Audit is given to Bangalore based party after decision by TASL officials.
To plan the External AAA Audit	<ul style="list-style-type: none">External AAA Audit is planned in the last week of Aug. 2023.

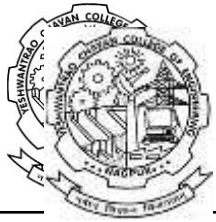
With these observations IQAC members accepted the Action Take Report.

3) To discuss the SWOC: Opportunities & Action Plan: - Based on YCCE Strategic Plan 2023-27

Strengths, Weaknesses, Opportunities & Concerns (SWOC) Analysis: Strategic Plan 2023-27

Strengths

- One of the most preferred institutions for engineering education in Central India
- An autonomous institution with consistent accreditation and ranking from recognized authorities
- Well-established infrastructure, conducive academic ambience, and innovative teaching-learning environment
- Centers of Excellence and Technology Business Incubator (TBI) promoting entrepreneurship and innovation
- Highly qualified, experienced, and competent faculty members
- Significant number of patents/copyrights published and active R&D Projects
- Recognized research centers by RTM Nagpur University for PhD
- Consistent track record of good placement in multinational companies
- Strong industry and academia collaboration



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- Mandatory semester-long industry internship for all students.
- Vast and successful alumni network spread across the globe.

Weaknesses

- Limited national and international visibility of faculty members
- Low number of faculty members with a Ph.D. qualification
- Limited commercialization of intellectual property generated by the institution.
- Limited collaboration with national agencies and industries for consultancy projects
- Insignificant success rate in receiving research funding from government funding agencies.
- Limited partnerships with foreign universities
- Locational disadvantage for placement in core industries.

Opportunities

- Providing a diverse range of certificate, diploma, and degree courses in alignment with the National Education Policy 2020
- Developing and delivering high-quality e-content for renowned platforms like SWAYAM/NPTEL to enhance online learning opportunities.
- Exploring potential funding sources to enhance laboratories with state-of-the-art facilities, promoting advanced research and experimentation.
- Strengthening collaborations with esteemed industries and academic institutions to foster research, consultancy, training, and internship opportunities for students.
- Offering industry-aligned courses to equip students with the necessary skills and knowledge to become job-ready professionals.
- Supporting aspiring entrepreneurs through the YCCE Technology Business Incubator (TBI) to foster innovation and promote start-ups.
- Leveraging the strong alumni network to enhance the college's development and create mutually beneficial opportunities for current students and alumni.

Challenges

- Adapting to the rapidly changing requirements and expectations of industries, society, and government policies, ensuring that educational programs remain relevant and responsive.
- Staying updated with global advancements in pedagogy, research, and competitive employment landscapes to provide students with a competitive edge.
- Mitigating the issue of brain drain, whereby students are drawn to metropolitan areas, by creating a conducive environment that fosters growth, innovation, and opportunities within the institution's locality.
- Addressing the potential competition posed by the entry of foreign university campuses in India, by emphasizing the unique strengths and advantages of the institution, such as a strong faculty base, industry collaborations, and a supportive learning ecosystem.



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SWOC: Opportunities & Action Plan

SN	SWOC: Opportunities	Action Plan
1	Providing a diverse range of certificate, diploma, and degree courses in alignment with the National Education Policy 2020	<ul style="list-style-type: none"> • Offer Integrated programs (UG & PG): 02 in 5 years. • MBA Program: Jointly with Engineering + Management Institute + Industry: In 2023-24 • Introduce Internationally relevant courses in PE: 01 per department per year. • Offer new open/free elective courses: 01 per department per year. • Offer value added/certificate course with participation of YCCE & other institutes: 02 per dept.
2	Developing and delivering high-quality e-content for renowned platforms like SWAYAM/NPTEL to enhance online learning opportunities	<ul style="list-style-type: none"> • YCCE Faculty Members modules on SWAYAM/NPTEL platforms: 02 per year. • Faculty to attend SWAYAM/NPTEL FDPs on e-content development= 01- 02 per year per dept. • Implement online learning up to 40% (UGC guidelines) within 5 years, with compulsory mentoring. • Co-teaching of a course (20% of syllabus) by the industry: 01 per semester. • E-Library/repository to create: 2 years. • Remote access of digital resources through student apps. • Membership of National Digital Library by faculty and students =Every year (December)
3	Exploring potential funding sources to enhance laboratories with state-of-the-art facilities, promoting advanced research and experimentation	<ul style="list-style-type: none"> • Laboratories NABL Accreditation: 01 lab per department. • Industry supported lab: 01-02 per department. • Establishment of Center of Excellence by each dept. in emerging areas: 01 per dept. • Research equipment by each dept.: 01 equipment per year per dept. • Connect with research parks supported by Industries for joint activities = 1 per year. • Research Conclave to be organized = 1 per year. • Seed fund to projects = 2 Lakhs per dept. per year. • No. of externally funded projects = 2 per dept per year. • No. of internally funded projects = 3 per dept per year. • No. of proposals to be submitted to various funding agencies = 45 per year.
	<p><i>IQAC Member Dr. D.P. Mase & Mr. Ashish Khole informed that now NABL Accredited lab is mandatory for testing works in private & Government sectors. And once Lab is accredited to NABL there is lot of scope. Er. Sandeep Aparajit informed that VNIT is also sending samples outside for testing due to non-availability NABL labs.</i></p> <p><i>Hon'ble Vrindatai Meghe informed that certification is required that you are a Certified Structure Audit. Dr. Mase informed that you have to apply and as soon as you get NABL Accreditation you can be a Government Auditor like green environmental auditor. He also informed that industries in urban areas are also benefited if they do audit like EV companies are also looking for it.</i></p>	



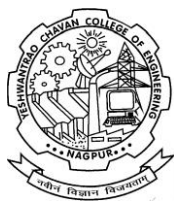
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4	Strengthening collaborations with esteemed industries and academic institutions to foster research, consultancy, training, and internship opportunities for students.	Collaboration with the Industry: <ul style="list-style-type: none"> MoU's with reputed industries 03 per dept. per year. Ensuring 02 activities under each signed MoU's every year.
5	Offering industry-aligned courses to equip students with the necessary skills and knowledge to become job-ready professionals	<ul style="list-style-type: none"> Offer industry-aligned professional electives = 02-03 per dept. per year. Industry/Site visits = 2 per dept. per year. Industry internship = 100% students. No. of Joint Student Projects with Industries = 6 per dept per year.
	Supporting aspiring entrepreneurs through the YCCE Technology Business Incubator (TBI) to foster innovation and promote start-ups	<ul style="list-style-type: none"> No. of startups to start= 2-3 per year. Students Projects to Patents/Product = 02 per dept. Commercialization of Innovations/Patents = 01 per dept. No. of Innovative student projects = 03 per dept. No. of societal and economically important student projects = 5 per dept. Addition of innovative student projects in innovation gallery up to 10 per year. No. of Training program on startups and entrepreneurship = 15 per year. No. of Competition on startups = 02 per year. No. of Competition on entrepreneurship = 01 per year. Faculty to attend entrepreneurship awareness
7	Leveraging the strong alumni network to enhance the college's development and create mutually beneficial opportunities for current students and alumni.	<ul style="list-style-type: none"> Online meeting for sharing success stories of Alumni with students: 1 per dept. per sem. Alumni meet at various places by Institute = 1 per year. Alumni Meet by Dept. at YCCE campus= 1 per year. No. of Alumni to be invited as resource person = 5 per dept. per year. No. of alumni to be invited for placement = 10 per year. No. of students to be sent for internship in Alumni Company = 50 per year. Overseas alumni involvement = 20-30 per year. International Internship for students in alumni companies = 10 per year. Alumni involvement as innovator in campus start-up ecosystem = 3 per dept. per year.



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4. To discuss the NEP 2020 Implementation Action Plan

Dr. A.V. Patil, Dean (Acad. Matters) & Member, IQAC presented the NEP 2020 Implementation Action Plan at YCCE and informed that NEP 2020 will be implemented from I Year batch of B.Tech. from Academic Session 2023-24.

- Dr. U.P. Waghe, Principal & Chairman, IQAC informed that as per new NEP 2020, due to more other activities of various categories technical education related content may be reduced. Er. Sandeep Aparajit said that the quality of engineering will be vibrant due to these inclusions.
- IQAC Member Dr. D.P. Mase informed that there are many countries where such practices are not compulsory, it is upto the choice of learner.
- Hon'ble Vrindatai Meghe informed that there is a need to assess the use of music, yoga and other activities like in the field of engineering. Students may not be interested in opting for these.
- Prof. D.R. Raut, IQAC Member & CoE suggested not curtailing engineering components in curriculum is not advisable.
- IQAC Member, Dr. D.P. Mase suggested to offer more number of elective courses considering the current scenario of technology.

With this, the IQAC Members appreciated the efforts taken by YCCE for implementation of NEP-2020.

5. To discuss the NBA Expert Committee Recommendations: -

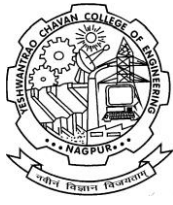
Dr. A.R. Bhagat Patil, Director, IQAC & Dean (P&D) presented the status of NBA Accreditation granted to YCCE for 5 UG & 1 PG programs. He told that on the recommendations of NBA Expert Committee the status of NBA Accreditations is as under:

SN	Program Name	Marks Scored	Period of Accreditation
1	B. Tech. (ETC)	775/1000	Six Years. (2023-24 to 2028-29)
2	B. Tech. (Civil)	755/1000	
3	B. Tech. (Electronics)	754/1000	
4	B. Tech. (Electrical)	713/1000	Three Years (2023-24 to 2025-26)
5	B. Tech. (Mechanical)	698/1000	
6	M. Tech. (Structural Engg.)	303/500	
7	B. Tech. (CT)	727/1000	Three Years (2022-23 to 2024-25)

Director, IQAC & Dean (P&D) further presented the observations / recommendations given by the NBA Expert Committee during their visit before IQAC Members for the discussion.

Recommendations related to OBE, CO/PO/PSO: Dean (OBE)

- Training for OBE awareness of students/faculty needs to be arranged.
- More CO and PO assessment tools should be used.
- Revision of target level as per the outcomes should be done.
- The process of compliance of curriculum for attaining POs & PSOs needs further improvement.
- Further action is needed based on results of evaluation of POs/PSOs
- Need for regular feedback from stakeholders for upgradation of OBE.
- Dr. S.S. Chaudhari, Dean (OBE) & IQAC Member informed that institute have already planned action in this regard for faculty awareness, YCCE inhouse OBE exam conducted in the year 2023. A similar kind of exam is scheduled for students. Also, in-house workshops



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and seminars are planned for overall awareness and improvement in OBE understanding. He also informed that regular feedbacks from all the stakeholders are collected for effective implementation of OBE.

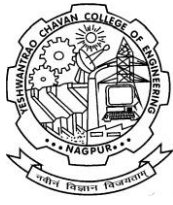
- *Dr. A R Bhagat Patil, Director (IQAC) suggested including some more tools for both direct & indirect assessment of CO/POs, revision of target level as per the outcomes should be ascertain.*
- *Appropriate further effective actions at the CO level should be planned as per the result of evaluation of PO/PSOs in case of low attainment.*

R&D and Consultancy Activities: Dean (R&D)

- Research projects sponsored by industry are limited.
- Faculty publications in further higher order journals are needed.
- Sponsored research and Industrial Consultancy need improvement.
- PG projects lacks research/development components.
- Advanced software suitable for research should be encouraged.
- *Dr. Ms. Ujwala Gawande, Dean (R&D) & IQAC Member informed that our IIIC Cell is approaching different industries in and around Nagpur. Two of the industries are ready for joint research work.*
- *The institute considers faculty publications only in SCI/SCOPUS/WoS indexed journal and conferences only. Every year the targets of publications in Q1 & Q2 journals are increased for more higher order journal publications.*
- *The requirement for advanced software is collected and submitted to the Purchase department; purchasing is in process.*
- *Dean (R&D) to ensure through the respective HoD's that PG projects should ensure the research & development components.*
- *For consultancy related issues the In-charge of YCCE Consultancy should personally take the follow up with Er. Khole of TAL.*
- *Er. Khole will help in arranging a presentation slot for YCCE in the coming VIA meeting. The Dean (R&D) and Dr. Khedkar will ensure the same.*
- *Mr. Tanveer Inamdar, suggested by Er. Khole is to be included as innovation mentor in YCCE TBI. Dr. Khedkar to ensure that.*

Feedback System & Student Mentoring: Dean (AM)

- Student mentoring system is in place, needs effective implementation.
- Involvement of experts from industry in curriculum development & content delivery needs further improvement.
- *Dr. A.V. Patil, Dean (Acad. Matters) & IQAC Member informed that the student profiling systems implemented through JUNO would help in effective implementation of Student Mentoring System.*
- *Dean (Acad. Matters) further informed that after the accreditation visits following steps have been taken for improving involvement of experts from the industry: -*
 - *An Industry Advisory Board has been formed in each department.*
 - *Every department appoints a Professor of Practice for covering part or full syllabus of at least one course.*
 - *In all Curriculum Development Workshops and Board of Studies experts from industries are invited and nominated.*



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SFR and Faculty: **Dean (AM)**

- Poor Cadre ratio. Cadre ratio needs improvement.
- SFR is on low side. Needs improvement.
- No. of faculty for science stream needs to be enhanced.
- Advantage of Adjunct/Visiting faculty should be taken.
- *Dr. A.V. Patil, Dean (Acad. Matters) & IQAC Member informed a holistic approach will be adopted in improvement in Cadre Ratio, SFR and additional faculty for science stream. The adjunct or visiting faculty is being replaced by Professor of Practice covered in above points, under the National Education Policy (NEP 2020).*

Placement and HS and Entrepreneurship: **Dean (T&P)**

- Placement in core companies needs improvement.
- Industry relation and Internship needs improvement.
- HS and Entrepreneurship should be encouraged further.

Mr. Neeraj Wakhare, TPO informed that companies visiting the institute for placement in core companies are increasing every year. The placement in core companies is also increased in recent years. T&P Cell will make more focused efforts for further improvement in core companies' placement.

100% of students are going for the internship for the whole semester. There is a need to include more renowned companies and stipend-based internships.

- *IQAC Member, Er. Sandeep Aparajit pointed out the issue that lot of students have got the Offer Letter from companies, but the companies are delaying their joining in the companies.*
- *YCCE TPO, informed that the companies are in the process of making the joining of placed students & T & P Cell is continuously taking the follow up.*
- *Hon'ble Vrindatai Meghe directed T&P Cell to look seriously into the matter and see to it that placed students should get joining at the earliest.*

Budget and Finance Related: **(Principal & CA)**

- Financial authority to Principal/HoD's need to be enhanced.
- More financial assistance to student's projects should be provided.

Dr. U.P. Waghe, Principal & Chairman IQAC informed that financial powers are given to the Principal and HoD's as per policy.

The Principal further informed that every year Financial assistance to the students projects are allocated department-wise as per their requirement which is sufficient.

Student Activities:

- Student Professional societies should organize effectively events.
- Student Magazine: Student participation is low.
- *Dr. A.P. Munshi, Dean (SA) informed that all the departmental activities are organized in collaboration with professional societies. It will be taken care that these societies will be effectively involved in organizing such activities in future.*



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- Dean (SA) further informed that the student magazine is designed, drafted, and published by the student editorial board of the department only. However, the participation from the other students of the department will be enhanced.
- Hon'ble Vrindatai Meghe suggested that as per the NEP-2020 curriculum requirements the courses related to music, arts, yoga etc. shall be taken under various clubs of YCCE. The Dean (SA) to review the possibilities and submit the details.

Student Admissions:

- Less admission in PG programs.
- Lack of quality students in PG programs.

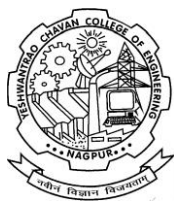
IQAC Member Dr. M.M. Kshirsagar informed that from A.Y. 2023-24 the institute has changed the nomenclature of two PG Programs like M.Tech.-CAD/CAM to M.Tech. Automation & Robotics and M.Tech. CSE to M.Tech. Data Science. Due to the change in nomenclature of these programs, the institute is getting good response in PG admissions for this year. The institute is also getting good response for newly introduced PG Program MBA & Electronics & Communication Engineering (VLSI Design).

Infrastructure Facilities & Technical Support Staff:

- Upgradation of laboratories with modern higher-end equipment's is required.
- Qualified technical staff in the laboratories should be appointed.
- Dr. U.P. Waghe, Principal & Chairman IQAC informed that lab equipment's are purchased time to time as per requirement.
- The Principal further informed that institute have sufficient technical staff in labs appointed long back as per the qualification requirements of that time and but we will consider for the future.

6) To discuss and finalize the IQAC Action Plan for 2023-24: -

IQAC Action Plan for 2023-24	
Quality Assessment & Accreditation	• NBA Accreditation of Information Technology UG Program
	• Participation in NIRF, ARIIA and OBE Ranking
	• Revision of Vision & Mission of the Institute & Departments
	• Review of OBE (CO/PO/PSO) in view of NEP 2020
	• Faculty and Students continuous and further training on OBE
	• Strategic Plan 2023-2027 of the Institute implementation
	• Implementation of Action Plan for NBA Expert Committee Recommendations Compliance
	• AAA Audit by External Members
	• Revision of AWL 2024 SOP to suite Accreditation/Ranking/NEP requirements
	• Implementation of initiatives (AWL, DLA, Professor of Practice, CRT, Mentor-Mentee Scheme, PQAI)
T-L Process Strengthening	• Environment Audit by YCCE ISO Certified Team
	• Implementation of NEP 2020 in T-L
	• Focus on conceptual understanding of the subject by students
	• Industry experts involvement in content delivery
	• Adjunct/Visiting faculty provision
	• E-content development using YCCE Media Center by faculty



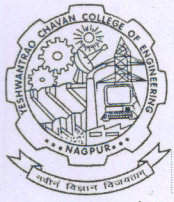
Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

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Hingna Road, Wanadongri, Nagpur - 441 110
Ph.: 07104-295083, 295085, Website: www.ycce.edu

	<ul style="list-style-type: none"> • Student Exchange under Academic Credit Transfer Scheme • Implement Cornerstone Student Projects: 20 Projects per year from the 2nd year.
Faculty Development & Initiatives	<ul style="list-style-type: none"> • SWAYAM/NPTEL Certification by Faculty • Permission to the Faculty for pursuing higher education • Teachers' registration as PhD supervisors • Participation of Faculty in STTP/FDP/Workshops • YCCE Faculty modules on SWAYAM/NPTEL platforms • Faculty Recognition, Achievement • Faculty Cadre Ratio Improvement
Student Development & Initiatives	<ul style="list-style-type: none"> • Technology driven value added courses in the emerging areas • Strengthening of Student Mentor-Mentee Scheme • Guidance for Competitive Examinations through GATE Clubs etc. • Visit of Students to Institute of Eminence/Research Labs • Development of e-Resources: Question Banks with Solution Sets • Practicing Innovative Methods in Teaching and Learning • SWAYAM/NPTEL Certification by Students • Academic performance improvement of students • Workshops on Industry-Academia innovative practices • MOOCS Courses to be offered by the department • Offering Industry Aligned/Research Organization aligned Courses • Carrier Guidance (CRT, Mock Interviews, Aptitude Tests etc.) • Student's performance in Sports & Cultural Activities
R & D Activities	<ul style="list-style-type: none"> • Faculty publications in higher order journals in SCI, SCOPUS, WoS Indexed Journals and Conferences • Provision of more institutional funding for promoting research • Submission of Proposals to Funding Agencies • PG & UG projects with research/development component • Workshops/Seminars on IPR • Book/Book Chapter and Monograph Publication with ISBN • Patent & Copyright Proposal Submission/Publication • Use of advanced software suitable for research • Research projects sponsored by industry
Consultancy Revenue	<ul style="list-style-type: none"> • Enhance Industrial Consultancy • Environment Audit by YCCE Faculty for revenue generation
Placement & Training Activities	<ul style="list-style-type: none"> • Focused efforts for placement of core branch student's placement • Value-added Training in emerging areas to the students. • Departments to provide training to Industry persons. • Increase the outcomes of ED Cell.
Student Activities	<ul style="list-style-type: none"> • Organize Student Activities under Professional Societies • Student's participation in Student Club & students forum's Activities • Clean & Green Environment activities on campus & nearby areas • Various activities by NSS Club in nearby villages



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7. To discuss further decentralization of YCCE IQAC (inclusion of new Coordinators)

New Coordinators & their Responsibilities

Prof. Nikhil Mangrulkar, CT, Dept.-Coordinator: Quality Assurance & Sustenance

Responsibilities:

1. Information to the functional head/office about the quality initiatives of IQAC as per requirements of Accreditation / Ranking / Management and make them aware about their role in implementation.
2. Monitoring IQAC quality initiatives & sustenance efforts.
3. Periodic review of the intermediate outcomes of the quality initiatives.
4. Ensure quality of data as per the NAAC/NBA/NIRF requirements.
5. Coordination for collection of Quality Assurance Data & Support Documents (Verified & Validated) from the functional heads/offices.
6. Prepare detailed Analysis of NAAC/NBA etc. Committee Reports and Present. Consolidated Analysis to Deans/HoD's/Functional Heads.
7. Plan schedule for implementation/compliance of recommendations.
8. Periodic Review of Compliance and submit progress to the IQAC.

Prof. Dhiraj Agrawal, CE, Dept.-Coordinator: Quality Measurements

Responsibilities:

1. Basic Responsibilities of AWL, DLA, AAA, Environmental, Internal Financial Audits, Feedback (Overall & Curriculum) etc.
2. Plan and ensure timely conduct of the above quality related audits as per schedule in coordination with concerned functional head/office.
3. Update/Modify the Audit Formats as per the changing requirements of Accreditation/ Ranking Agencies/Statutory Bodies/Management etc.
4. Coordinate with Auditors and functional Heads/offices for required verified and validated data/documents.
5. Submission of Audit Reports to the IQAC.
6. Review of compliance of recommendations of Audit Committee Reports.

Dr. A.R. Bhagat Patil, Director IQAC & Dean (P&D) informed that due to the increase of work volume two additional IQAC coordinators are required to be given responsibility of IQAC office, he briefed about the responsibilities to be given to them. The IQAC members unanimously accorded their sanction for appointing two new coordinators.

8. Any other matter with the permission of the chair. - NIL

Since there was no other point for discussion, the meeting concluded with a vote of thanks to the Chair.

A. R. Bhagat Patil

Dr. A.R. Bhagat Patil,
Director IQAC & Dean (Planning & Development),
YCCE, Nagpur

U. P. Waghe

Dr. U.P. Waghe,
Chairman, IQAC, YCCE, Nagpur

