

# **Yeshwantrao Chavan College of Engineering, Nagpur**

## **Internal Quality Assurance Cell (IQAC)**

The meeting of the Internal Quality Assurance Cell (IQAC) of Yeshwantrao Chavan College of Engineering, Nagpur is schedule on **30 April 2019 (Tuesday) at 2.00 pm** in YCCE Board Room.

Agenda of the Meeting:

1. Welcome of IQAC Members
2. Confirmation of MoM of 21 Aug 2018 IQAC meeting
3. Discussion on implementation of IQAC & DQAC Action Plan 2018-19
4. Discussion on new NAAC AQAR Format
5. Discussion on AAA Audit as per the NAAC guidelines
6. Any other matter with the permission of the Chair

You all are requested to make it convenient to attend the meeting on the aforesaid date & timings.

Sd/-

**Coordinator IQAC**  
**Prof. A.R. Bhagat Patil**  
*Dean, (Planning & Development)*

Sd/-

**Chairperson IQAC**  
**Dr. U. P. Waghe**  
*Principal, YCCE*



## **Minutes of Meeting**

Date : 8<sup>th</sup> May-2019

Minutes of the Internal Quality Assurance Cell held on **Tuesday, 30<sup>th</sup> April, 2019** at **2.00 pm** at **Board Room, YCCE**. The following IQAC member attended the meeting -

1. **Dr. S.P. Untawale, CEO, MGI / Member from Management**
2. **Dr. U.P. Waghe, Chairman,**
3. **Prof. A.R. Bhagat Patil, Coordinator / Member Secretary**
4. **Mr. Deepak Deshmukh, Member Industrialist**
5. **Dr. A.V. Bapat, Sr. Administrative Officer**
6. **Dr. P.K. Dakhole, Sr. Administrative Officer**
7. **Mr. K.N. Tripathi, Sr. Administrative Officer**
8. **Dr. A.M. Pande, Sr. Teacher Member**
9. **Prof. D.R. Raut, Sr. Teacher Member**
10. **Prof. M.S. Pawar, Sr. Teacher Member**
11. **Prof. A.P. Munshi, Sr. Teacher Member**
12. **Prof. A.B. Thatere, Sr. Teacher Member**
13. **Mr. Kunal Nimje, Student Member**

### **Leave of absence granted to :-**

1. **Mr. Deepak Chowdhary, Member Industrialist**
2. **Dr. D.P. Mase, Alumni Member**

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

### **Agenda points :-**

#### **1) Welcome of IQAC Members :-**

All members were welcomed by the Chairman, Dr. U.P. Waghe, Principal. Floral welcome was offered to Mr. Deepak Deshmukh, Member Industrialist and Mr. K.N. Tripathi, Admin Officer & Member from Sr. Administrative Officer, other member YCCE.



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## 2) Confirmation of minutes of the IQAC Meeting :-

It was informed that the minutes of the IQAC meeting held on 28<sup>th</sup> August 2018 were circulated to all the members of IQAC, requesting them to suggest modifications/corrections, if any. Since no comments received from the IQAC members, it was unanimously confirmed by the members.

The action taken report on actionable points of the last meeting of IQAC held on 27<sup>th</sup> July, 2017 was placed before the IQAC members by Prof. A.R. Bhagat Patil, Member Secretary, IQAC :-

Actionable Points	Action Taken
· Dr. Dilip Mase, suggested that the <b>Course on Repairable Rehabilitation</b> must be introduced in syllabus as open elective	· The course is in UG Civil as professional elective. Dept. will discuss the possibility of introducing this course as an open elective in CDW on 04 May 2019.
· Proof checking practice of government civil works to be taken up by the college	· Govt. issued a circular about the proof checking to be done only by government engineering institutions. Private organizations are not permitted.
· Mr. Kunal Nimje, Student Representative requested to include library module in Student Diary App	· Library module is included in Student Diary App, but now access of Libsis database is restricted due to security issue & to be resolved in consultation with Libsis vendor.
· Dr. Dilip Mase, suggested that the college should put efforts to establish accredited NABL Lab.	· Electrical Dept. (High Voltage Lab.) and CT Dept. (Forensics Lab.) are planning to develop labs for NABL Accreditation.

With these observations IQAC members accepted the Action Take Report.

## 3) Review & discussion on implementation of IQAC & DQAC Action Plan 2018-19 :-

Based on IQAC Action Plan (from 1<sup>st</sup> July, 2018 to 30<sup>th</sup> April, 2019), the Coordinator IQAC briefed the summary of IQAC & DQAC's Report about various quality assurance initiatives implemented by the DQAC's in their respective departments in session 2018-19.



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## Action Plan 2018-19 Outcomes & Action Taken

	Parameters	Status till date 30.04.2019																								
<b>Quality Assessment &amp; Accreditation</b>	<ul style="list-style-type: none"> <li>Submission of Qualifier to NBA for extension of Accreditation of 3 PG Programmes</li> </ul>	<ul style="list-style-type: none"> <li>Submitted for 3 PG Programs <b>Structure, CAD/CAM &amp; IPS.</b></li> <li>Result is awaited.</li> </ul>																								
	<ul style="list-style-type: none"> <li>Mapping of redefined Mission with PEO and Course Outcomes with PO/PSO</li> </ul>	<ul style="list-style-type: none"> <li>Mapping of redefined <b>Mission</b> with PEO &amp;</li> <li>Mapping of redefined <b>Course Outcomes</b> with PO/PSO has been done.</li> </ul>																								
	<ul style="list-style-type: none"> <li>Internal Audit of Autonomy</li> </ul>	<ul style="list-style-type: none"> <li>Audit is carried out &amp; report is submitted.</li> </ul>																								
	<ul style="list-style-type: none"> <li>Implementation of <b>Quality initiatives</b> (DLA, CRT, VPS, PQAI, AWL etc.)</li> </ul>	<ul style="list-style-type: none"> <li>DLA for 2017-18 is carried out in July &amp; Aug 2018.</li> <li>CRT will be conducted during summer vacation.</li> <li><b>Visiting Professor Scheme &amp; Project Quality Assurance Initiative</b> are implemented.</li> <li>AWL is implemented.</li> </ul>																								
	<b><u>Visiting Professor Scheme</u></b>																									
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	AWL mid-term audit is carried out in the month of Jan 2019.																									
<b>Faculty Development</b>	<ul style="list-style-type: none"> <li>Promotions to Faculty Members</li> </ul>	<ul style="list-style-type: none"> <li><b>Roster Approval</b> at University &amp; Commissioner office is in progress. Recruitment process will start after approval as per AICTE/UGC norms.</li> </ul>																								



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<b>Student Development</b>	<ul style="list-style-type: none"> <li>Participation of Faculty in <b>STTP/FDP/Workshops</b></li> </ul>	<ul style="list-style-type: none"> <li>No. of Faculty (Attended)= <b>214</b></li> </ul>																																									
	<ul style="list-style-type: none"> <li><b>Consultancy</b> by Departments</li> </ul>	<ul style="list-style-type: none"> <li>Consultancy Amt. Received=<b>Rs. 23.41 Lakh</b></li> </ul>																																									
	<ul style="list-style-type: none"> <li>Organization of various <b>Student development activities</b> under Professional Societies</li> </ul>	<ul style="list-style-type: none"> <li>No. of Event Organized=<b>90</b></li> </ul>																																									
	<ul style="list-style-type: none"> <li>Guidance for <b>Competitive Examinations</b></li> </ul>	<ul style="list-style-type: none"> <li>No. of Expert Lectures=<b>31</b> through GATE Clubs</li> </ul>																																									
	<ul style="list-style-type: none"> <li><b>Visit of Students</b> to Institute of Eminence/ Research Labs</li> </ul>	<ul style="list-style-type: none"> <li>Name of Institutes: <b>ISRO, MRSAC, NEERI, RRSSC, CSIR, IITs</b> etc.</li> <li>No. of Students Visited=<b>436</b></li> </ul>																																									
	<ul style="list-style-type: none"> <li><b>e-Question Bank</b></li> </ul>	<ul style="list-style-type: none"> <li>E-Question Banks with Solution Sets=<b>41 Courses</b></li> </ul>																																									
	<ul style="list-style-type: none"> <li><b>Certificate Courses</b> by departments</li> </ul>	<ul style="list-style-type: none"> <li>Courses Planned are <b>EL: Energy Audit and Safety</b> <b>CT: Problem Solving using Python</b></li> </ul>																																									
	<ul style="list-style-type: none"> <li>No. of <b>MOOC Courses</b> offered by Department</li> </ul>	<ul style="list-style-type: none"> <li>No. of offered Courses=<b>03</b> <b>Tribology (ME), Distributed Systems (IT), Computing with Python (CT)</b></li> </ul>																																									
	<ul style="list-style-type: none"> <li>Recording of faculty course lectures through <b>Impartus</b> Scheme</li> </ul>	<ul style="list-style-type: none"> <li><b>22 Courses</b></li> </ul>																																									
<ul style="list-style-type: none"> <li>Student <b>Placement &amp; Carrier</b> Guidance</li> </ul>	<ul style="list-style-type: none"> <li>Campus Placement: <b>556</b></li> <li>No. of Carrier Guidance programs organized =<b>10</b></li> </ul>																																										
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	No. of IT Companies visited	<b>48</b>																														
<b>R&amp;D Activities</b>	<ul style="list-style-type: none"> <li>Thrust Areas Specific Activities: Publications, STTPS/FDP/Training etc.</li> </ul>	<ul style="list-style-type: none"> <li>No. of Publications: <b>229</b></li> <li>No. of STTP/FDP Organized: <b>10</b></li> </ul>																														
	<ul style="list-style-type: none"> <li>Proposals Submission to funding agencies</li> </ul>	<ul style="list-style-type: none"> <li>No. of Proposals Submitted: <b>54</b></li> <li>Total Amount: <b>493.47 L</b></li> </ul>																														
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<ul style="list-style-type: none"> <li>Initiatives to Establish Incubation Center</li> </ul>	<ul style="list-style-type: none"> <li>Received approval of Technology Business Incubator <b>from Ministry of MSME, Govt. of India</b> under scheme for promotion of innovation, rural industries and entrepreneurship.</li> <li>Received fund of <b>Rs.14.99 Lakh</b> as first installment.</li> <li><b>09 Incubation ideas</b> are in process.</li> <li><b>Fabrication Lab</b> is in development stage.</li> </ul>																															
<ul style="list-style-type: none"> <li>Filing of Patents and Copyrights</li> </ul>	<ul style="list-style-type: none"> <li>No. of Patents filed:<b>10</b></li> <li>No. of Patent Published:<b>4</b></li> <li>No. of Copyrights Received: <b>90</b></li> </ul>																															
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<b>Institute-Industry Interaction</b>	<ul style="list-style-type: none"> <li>Industry Experts involvement in development activities</li> </ul>	<ul style="list-style-type: none"> <li>No. of Industry Experts Involved: <b>128</b></li> <li>Co-guides for Projects = <b>95</b></li> <li>Resource Person for FDP/ STTP, CDW = <b>33</b></li> </ul>																																												
	<ul style="list-style-type: none"> <li>Industry Linkages through Industrial Tours/Visits etc.</li> </ul>	<ul style="list-style-type: none"> <li>No. of Industries: <b>43</b></li> <li>No. of Students Visited = <b>1882</b></li> </ul>																																												
	<ul style="list-style-type: none"> <li>Industry Aligned Courses offered by department</li> </ul>	<ul style="list-style-type: none"> <li>CT: <b>4</b> (MOS, IGIS, CF, BI &amp; A)</li> <li>IT: <b>2</b> (Business Intelligence, Introduction to E-Commerce)</li> </ul>																																												
	<ul style="list-style-type: none"> <li>Centre of Excellence in the Department</li> </ul>	<ul style="list-style-type: none"> <li>ME: <b>2</b>, AVEVA Centre of Excellence, Siemens CoE</li> </ul>																																												
	<ul style="list-style-type: none"> <li>Industry Supported labs.</li> </ul>	<ul style="list-style-type: none"> <li>CT: Internet of Things</li> <li>ME: High Pressure Hydraulics Lab with Minar Hydrosystems Pvt. Ltd.</li> </ul>																																												
<b>Interaction with Stakeholders</b>	<ul style="list-style-type: none"> <li>Management Interaction with students</li> </ul>	<ul style="list-style-type: none"> <li>Yes, <b>18 Jan 2019</b></li> <li>ATR is submitted.</li> </ul>																																												
	<ul style="list-style-type: none"> <li>Alumni involvement in departmental activities &amp; Alumni Meet Organized</li> </ul>	<ul style="list-style-type: none"> <li>No. of Alumni Involved: <b>50</b></li> <li>Alumni Meets Organized: <b>6</b></li> <li>Alumni meet is planned in USA on <b>15 June 2019</b>.</li> </ul>																																												
	<ul style="list-style-type: none"> <li>Parent Teacher Meets</li> </ul>	<ul style="list-style-type: none"> <li>Organized as per academic calendar.</li> </ul>																																												
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Mechanical	29.09.2018	30	16.03.2019	25																																										
Electrical	29.09.2018	32	09.03.2019	23																																										
Electronics	22.09.2018	24	09.03.2019	20																																										
ETC	29.09.2018	40	09.03.2019	30																																										
IT	29.09.2018	20	09.03.2019	10																																										
First Year	06.10.2018 17.11.2018	--	23.02.2019 23.03.2019	--																																										
<b>Extension Activities</b>	<ul style="list-style-type: none"> <li>Orphanage Visit</li> <li>Blood, Book/Cloth Donation Camp</li> <li>Program on Girls Safety.</li> <li>Participation of Students in NSS/NCC Events</li> </ul>																																													
<b>Initiatives for Eco-Friendly Campus</b>	<ul style="list-style-type: none"> <li>Tree Plantation</li> <li>Installation of Solar Energy panels on the roof of buildings</li> <li>Automation of Academic Processes (Student Diary, Mobile Based Attendance, etc.)</li> </ul>																																													



Nagar Yuwak Shikshan Sanstha's

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Ph.: 07104-242919, 242623, Fax 07104-242376, Website: www.ycce.edu

	Save Water & Electricity
<b>Innovative Methods used by departments in Teaching &amp; Learning</b>	
<b>DQAC CT</b>	Role play Code Relay Industry Aligned Courses NPTEL Assignment, Visualisation using Video Lecture Tool Demonstration Group Seminar
<b>DQAC CE</b>	Field Training on layout & Construction activities Quiz
<b>DQAC EE</b>	Live Demonstration and Simulations Animated Presentations Online submission of practical Chart Making on concepts Online quizzes using google form
<b>DQAC ME</b>	Industry Internship for PG Students Demonstration using Models and Simulations Peer-Teaching Industrial Live Projects
<b>DQAC EL</b>	Presentation by students on Topics Circuits on bread boards Quiz
<b>DQAC ETC</b>	Mini-Projects to II year students On line submission of Practical Records On-line Tests
<b>DQAC IT</b>	Semester long industry Internship Industry Aligned Courses Cross Word Puzzle, Quiz Question based on classical Encryption, Network Models, Assignment on Designing a small animation sequence Use of story board method to teach
<b>DQAC First Year</b>	What's app group Chart Making Competition Help Desk Videos Lectures





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## Students Performance

### Results of Odd Term End Semester Examinations

#### B. E. FIRST SEMESTER (GROUP- A & B) RESULT :-

SN	Branch	No. of Stud. Appeared	No. of Stud. Passed	% Result
1	BE SEM 1 A	551	267	48.46
2	BE SEM 1 B	508	348	68.50

#### B.E. THIRD SEMESTER RESULT :-

SN	Branch	No. of Stud. Appeared	No. of Stud. Passed	% Result
1	CE	215	146	67.91
2	CT	144	87	60.42
3	EL	197	131	66.50
4	ET	209	142	67.94
5	EE	132	69	52.27
6	IT	66	37	56.06
7	ME	211	146	69.19

#### B.E. FIFTH SEMESTER RESULT :-

SN	Branch	No. of Stud. Appeared	No. of Stud. Passed	% Result
1	CE	187	153	81.82
2	CT	144	123	85.42
3	EL	192	150	78.13
4	ET	193	158	81.87
5	EE	138	117	84.78
6	IT	70	61	87.14
7	ME	203	173	85.22



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## **B.E. SEVENTH SEMESTER RESULT :-**

SN	Branch	No. of Stud. Appeared	No. of Stud. Passed	% Result
1	CE	226	205	90.71
2	CT	154	138	89.61
3	EL	224	169	75.45
4	ET	217	196	90.32
5	EE	140	128	91.43
6	ME	214	198	92.52
7	IT	75	65	86.67

## **M. TECH. FIRST SEMESTER RESULT :-**

SN	Branch	No. of Stud. Appeared	No. of Stud. Passed	% Result
1	CAD/CAM	4	3	75.00
2	COMM ENGG	4	3	75.00
3	CSE	4	3	75.00
4	EE	1	1	100.00
5	ENV ENGG	9	9	100.00
6	IPS	7	7	100.00
7	STRUC ENGG	19	18	97.74

## **M. TECH. THIRD SEMESTER RESULT :-**

SN	Branch	No. of Stud. Appeared	No. of Stud. Passed	% Result
1	CAD/ CAM	3	3	100.00
2	COMM ENGG	4	4	100.00
3	CSE	9	9	100.00
4	EE	6	6	100.00
5	ENV ENGG	8	8	100.00
6	IPS	8	8	100.00
7	PROD ENGG	4	4	100.00
8	STRUC ENGG	22	22	100.00
9	VLSI	5	5	100.00



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## 4) Discussion on new NAAC AQAR (Annual Quality Assurance Report) Format for IQAC:-

The Coordinator IQAC informed that the institute needs to submit the AQAR (Annual Quality Assurance Report) to NAAC by way of online system from session 2018-19. He briefed the procedure for the same which is as under :-

- The **online AQAR** has been designed by NAAC.
- **Submission of AQAR by email is closed by 30th Jan 2019.**
- If the institution is not submitted AQAR from 2014-15, 2015-16, 2016-17, 2017-18 need to **submit in new format** through online only.
- AQAR in word file or **earlier format will not be accepted.**
- The Institutions are required to **submit AQAR online** through application available at NAAC web portal.
- Once AQAR is submitted to NAAC you **can't change the data.**
- **Upload the AQAR's on institutional website** for access to all stakeholders.
- AQAR of the preceding academic year need to be submitted to the NAAC within six months i.e. the institutions should **submit the AQAR before 31st December of every year.**

## 5) Discussion on AAA (Academic and Administrative Audit) as per NAAC :-


- The NAAC expects the Institutions to **undertake continuous Academic and Administrative Audits (AAA).**
- **Academic Audit** is for reviewing the quality of academic process in the institution for quality assurance and enhancing the quality of academic activities.
- **Administrative Audit** is for **evaluating the efficiency and effectiveness of the administrative procedure** which includes assessment of policies, strategies & functions of the various administrative departments.
- **Process:** Institute can device its **own process**, schedule of onsite visit, **format of report and outcome** etc.. Many institutes try to follow NAAC's process and formats with some changes.
- **Periodicity:** Undertake the AAA exercise on **annual basis**. However many institutes prefer to do this exercise **once in three years or five years**. An **internal exercise every year** and involvement of **external peers once in a three or five years** could be a good option.

## 6) Any other matter with the permission of Chair :-

- The Dr. U.P. Waghe, Chairman, IQAC & Principal, YCCE informed that the tenure of the current IQAC members is expiring and he requested that Chairman, IQAC & Member Secretary, IQAC should be authorized to appoint new members.


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


Sd/-

  
Prof. A.R. Bhagat Patil,  
Coordinator / Member Secretary,  
IQAC, YCCE, Nagpur.



Sd/-

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

  
Principal  
Yeshwantrao Chavan  
College of Engineering  
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