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 **23 Oct 2020 (Friday) at 2.00 pm** in YCCE Board Room.

Agenda of the Meeting:

- 1. Welcome of New IQAC Members
- 2. Confirmation of MoM of 04 Oct 2019 IQAC meeting
- 3. Discussion on IQAC & DQAC Annual Report 2019-20 Outcomes & Action Plan for 2020-21
- 4. Action Plan for 2nd Cycle of Accreditation
- 5. 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*



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Minutes of Meeting

Date: 31th October-2020

Minutes of Internal Quality Assurance Cell held on Friday, 23rd October, 2020 at 2.00 pm at Board Room, YCCE. The following IQAC member attended the meeting –

- 1. Dr. U.P. Waghe, Chairman,
- 2. Dr. Mrs. M.M. Kshirsagar, Principal, RGCOER & Member from Management
- 3. Dr. A.R. Bhagat Patil, Member Secretary
- 4. Mr. Deepak Deshmukh, Member from Industry
- 5. Dr. A.V. Bapat, Sr. Administrative Officer
- 6. Dr. P.K. Dakhole, Sr. Administrative Officer
- 7. Mr. C.V. Wazalwar, Sr. Administrative Officer
- 8. Dr. P.L. Zade, Sr. Teacher Member
- 9. Prof. D.R. Raut, Sr. Teacher Member
- 10. Prof. A.B. Thatere, Sr. Teacher Member

Leave of absence granted to:-

- 1. Mr. Atul Gupta, Member from Industry
- 2. Dr. D.P. Mase, Alumni Member
- 3. Dr. A.M. Pande, Sr. Teacher Member,
- 4. Dr. Aniket Munshi, Sr. Teacher Member
- 5. Ms. Sanjana Gundawar, Student 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 to IQAC Members:-

Dr. U.P. Waghe, Principal & Chairman, IQAC, YCCE welcomed the new members of IQAC for IQAC Meeting. Floral welcome was offered to Mr. Deepak Deshmukh, Member Industrialist, Dr. Mrs. M.M. Kshirsagar, Member from Management, Mr. Chetan Wazalwar, Chief Administrative Officer, YCCE.

2) Confirmation of minutes of the IQAC Meeting:-

It was informed that the minutes of the IQAC meeting held on 4th Oct. 2019 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.



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The action taken report on actionable points of the last meeting of IQAC held on 30^h April, 2019 was placed before the IQAC members by Dr. A.R. Bhagat Patil, Member Secretary, IQAC:-

Actionable Points	Action Taken
Er. Deepak Deshmukh, Member from	The college has appointed Psychological
Industry suggested conducting	Counsellor.
training session for the students on	
Communication Skill and availability	11 activities are organized by departments Dean
of Psychological Counsellor	(AM) & Language Lab. Incharge on
	Communication skills for the students & faculty
	members.
Dr. U.P. Untawale, Member & CEO	SOP is circulated to the departments by
suggested that research vertical team	Publication Vertical Head. All papers before
of R & D Cell need to ensure	submissions are checked by the Plagiarism
plagiarism check of every research	software Turnitin.
paper submitted to various	
journals/conferences by faculty/	
research scholars/students of the	
college using plagiarism checking	
software in the college.	

With these observations IQAC members accepted the Action Take Report.

3) <u>Discussion on IQAC / DQAC 2019-20 Annual Report :-</u> (01 July 2019 to 30 June 2020)

Based on IQAC/DQAC 2019-20 Annual Report (from 1st July, 2019 to 30th June, 2020), Dr. A.R. Bhagat Patil, Member Secretary, IQAC briefed the summary of IQAC Annual Report about various quality assurance initiatives implemented in session 2019-20.

IQAC/DQAC 2019-20 Annual Report - Outcomes & Action Taken

Particulars Particulars		Outcome
	 Submission of pre- Qualifier for extension of NBA Accreditation of 6 UG Programmes 	6 UG Programs: CE, ME, EE, EL, ETC & IT are granted extension for three year up to 30/06/2023.
	 Course Outcomes & PO/PSO attainment 	 Attainment as per redefined Course Outcomes & PSO.
Quality Assessment	· Internal Audit of Autonomy	Internal Audit: Planned in Oct 2020
& Accreditation		AWL 2019-20 Audits DPP 2019-20 by HoD"s



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	Implementation of Quality initiatives (AWL, DPP, DLA, CRT, VPS, PQAI, etc.)		vacation. PQAI: Can pandemic.	reports are
	<u> </u>			
	Dept.	Name of Visiting		Dates
	CT	Dr. S K Singh, Professor, II		26-28.09.2019
	ME	Dr. Ashish Darpe, Prof. IIT		26-27.09.2019
	Eurotion	Prof. Amit Kumar Jain, IIT		02-03.03.2020
	/ Function	nal MoUs with industry tions	• 24 (Institute/De	pi./ 1&r)
Faculty Development	Faculty Qualification Improvement Participation of Faculty in		08 (Awarded PhD)219 (Attended)	
	STTP/FDP			
	· SWAYAM/NPTEL Certification		52 (Certification)
	(Faculty)			
	Consultancy by the Departments		Consultancy An 141.82 Lakhs	nount Received:
Faculty Recognition & Achievements	ı ı ı			



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	IEEE Global to conduct IEEE Women in Engineering International Leadership Summit 2020.Prof. P.B. Pande & Prof. H.M. Warade, Assistant Professor, CE received consultancy of Rs.13 Lakhs.		
	 Dr. U. H. Gawande, Associate Professor, IT, received "Best Engineering Teacher Award 2019", by Engineering Education Foundation (EEF) at K.K.Wagh College of Engineering and Research. Dr. Hemlata Wasnik, Asst. Professor, Physics: Published a Paper "Effect of Dy2O3 on Electrical Conductivity, Dielectric Properties and Physical Properties in Lithium Borosilicate Glasses" in SCI & Scopus Indexed Journal "Integrated Ferroelectrics, published by Taylor & Francis in Dec-2019. 		
Student	· Organization of various Student	· Event Organized:74	
Development	development activities under		
	Professional Societies		
	Guidance for Competitive	· Expert Lectures : 24	
	Examinations	through GATE Clubs	
		Qualified GATE/GRE etc.: 81	
	Visit of Students to Institute of	Name of Institutes: RSAC, NEERI,	
	Eminence/ Research Labs	RRSSC, CSIR, IITs	
		No. of Students Visited: 206	
	· Student Joint Projects	· No. of Projects: 87	
	e-Question Bank	· E-Question Banks with Solution	
		Sets: 127 Courses	
		No. of offered Courses: 05	
	No. of MOOC Courses offered by	DBMS, SE(IT), Fundamentals of	
	Department	Computing (ET), Illumination	
		Engineering (EL), Python (EE)	
	Recording of faculty course lectures: Impartus Scheme 45 (Courses Video Recording)		
	Student Placement & Carrier Campus Placement: 835		
	Guidance	· Higher Studies: 33	
		· Entrepreneur: 08	
		Carrier Guidance Programs	
		Organized: 27	
	National Level UG Project	PRATIKRUTI-20 – National UG	
	Competition	Project Competition is cancelled due	
		to pandemic.	
	Enhancement of Employability/	Regular Courses offered: 61	
	Entrepreneurship/ Skill Development	· Value-added Courses	
		Organized:12 (15 Hrs.)	
		National Conference on "Advances in	
	National Conference: SPANDAN 2020	Engineering, Technology and Applied	
		Sciences" is organized in March 2020.	



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Student Achievements

- ❖ Mr. Deepak Kumar of VII-Sem IT, Selected Brand Ambassador for Atos Syntel and as Monitor for Google Coding for 2019-20.
- ❖ Mr. Adinath Dapke 7th Sem. ME, Selected for Internship at Singapore Mgmt University, Singapore :15 June to 15 July, 2019.
- ❖ Miss Pragati Lalsare, Mr. Ganesh Singamshettiwar, Mr. Vishal Bramhankar, Mr. Rushikesh kate, Mr. Kireet Deshmukh of ETC and Miss Janhavi Ambadkar of EL, 6 students Qualified in quarter finals & received kits worth \$200 in Texas India, Innovation Competition 2020, for the Project "Wireless Irrigation System for Sustainable Farming"
- ❖ Ojas Sonone, of 4th Sem ME, won 2nd Prize and Silver Medal in Khasdar Krida Mahotsav For Boxing Competition.
- ❖ Mr.Yash Jiwtode, Mr. Dhruv Dhabe, Mr. Mihir Dhabe, 6th Sem ME, selected in RTMNU Basketball team and participated in West Zone Inter University Basketball Championship held at Nanded during 14-18 Dec 2019.
- Mr.Yash Jiwtode selected in Maharastra Basketball (M) Team & participated in 70th National Championship held at Ludhiyana Punjab during 17-24 Oct 2019
- ❖ Mr. Krishna Patel & Mr. Ritesh Shende, ME, selected in RTMNU Nagpur University Rugby (Men) team & participated in all India Inter University Rugby Championship held at Chandigarh Punjab during 26-30 Dec 2019.
- Mr. Sahil Lanjewar, 1st Year, selected in RTMNU Lawn Tennis team and participated in West Zone Inter University Lawn Tennis Championship (M) held at Nasik during 3-6 Jan 2020.
- ❖ Ku. Rutuja Somwanshi, 1st Year, selected in RTMNU Cricket (Women) team as a Stand Bye for West Zone Inter University Cricket Championship (Women) held at Bhopal. She was also Woman of the Match in Khasdar Krida Mahotsav Cricket Championship held on 18 Jan 2020.
- ❖ Mr. Manthan Parteti, 4th Sem CE, selected in RTMNU Cricket (Men) team and participated in West Zone Inter University Cricket Championship held at Gwalior on 23 Dec 2019 to 1st January 2020.
- ❖ Mr. Prasad Aurangabadkar & Mr. Harshal Kulkarni, selected in RTMNU Chess (Men) team and participated in West Zone Inter University Chess Championship (Men) held at Jaipur during 10-12 Nov 2019
- ❖ Mr. Rutvik Gupte,6th Sem ME, selected in RTMNU Table Tennis (Men) team as a Stand Bye for West Zone Inter University Table Tennis Championship (Men) held at Indore during 28/10 to 2/11.201
- Mr. Aditya Mundre, 8th Sem ETC, selected in RTMNU Badminton (Men) team and participated in West Zone Inter University Badminton Championship (Men) held at Parbhani during 2-5 Jan 2020
- Mr. Siddhesh Kulkarni, 1st Year, selected in Maharashtra Basketball (M) Team
 Participated in 70th Junior National Championship held at Patna, Bihar
- Mr. Shivraj G. Badhe, 8th Sem ME, selected in RTMNU Swimming Water Polo Team & participated in All India Inter University Swimming Water Polo Championship held at Jalanadar, Punjab during 28 Oct to 5 Nov 2019.



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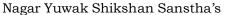
	Ph.D. Research Centre Project Co-guides from Research labs	 Recognised Research Guides: 28+17* (YCCE Teachers) Scholars Awarded PhD from YCCE research centre:25 YCCE Faculty Awarded PhD: 5 07 (Co-guides)
	Thrust Areas Specific Activities: Publication, STTPS/FDP/Training	· Publications: 152+99 · FDP Organized: 12
R&D Activities	Proposals Submission to funding agencies	· Proposals Submitted: 11.92 Cr. · Funds Received: 60.03 L
	· Visit to Research Labs	09 Visits
	Workshops/Seminars conducted on Research Methodology, IPR, entrepreneurship and skills development	79
	· Incubation Center Activities	Startups commenced: 05Incubation ideas submitted: 05 (by Departments)
	· Patents and Copyrights	 Patent Submitted: 19 Patent Published: 14 Patent Granted: 01 Copyrights: Submitted: 111 Received: 48+39=87 Under Scrutiny: 24
Institute- Industry Interaction	Industry Experts involvement in development activities	 Industry Expert Guest Lectures:35 Co-guides for Projects: 96 Resource Person for FDP/ STTP, CDW: 41
	Industry Linkages through Internship & Visits/tours etc.	Students Internship: 270Visits to industry: 36
	Industry Aligned Courses offered by department	VLSI Design), ME: 01 (Pipe Design), EL: 01 (Electric Vehicles),
	Centre of Excellence in the Department	· ME: 2, AVEVA Centre of Excellence, Siemens CoE
	Industry Supported labs.	 CT: Internet of Things ME: High Pressure Hydraulics Lab with Minar Hydrosystems Pvt. Ltd.



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Interaction	Management Interaction with	- 10 Feb. 2020	
with	students	· ATR is submitted.	
Stakeholders	Alumni involvement in dept.	· Alumni Involved:26	
	activities	· Alumni Meets: 03	
	Parent Teacher Meets	· Organized in ODD semester as per	
		academic calendar.	
Extension	Online Quiz on "Awareness about	Covid-19"	
Activities	Online Quiz to celebrate "Word Environment day"		
	Road Safety Awareness Programme		
	· SAHAJ YOGA		
	· Orphanage Visit, Blood, Book/Clotl	n Donation Camp	
	Program on self-defence techniques	for Girls	
	 Nirmalya Collection during Ganesh 		
	Tree Plantation drive at Municipal Corporation School		
	Computer Literacy of C language in Somalwar high school		
	Participation of Students in NSS/NCC Events		
Initiatives for	· Tree Plantation		
Eco-Friendly	Solar Energy usage through panels on the roof of buildings		
Campus	· Automation of Academic Processes		
	· Save Water & Electricity		
Major Quality	 Offering online NPTEL/SWAYAM, 	/MOOCS Courses as per the AICTE"s	
Decisions	directions.		
taken by	Online exam. of Final Year students as per UGC/AICTE's directions.		
Statutory	 Minor Degree scheme started 		
Bodies			
Innovative		Peer tutoring, Open book test, Concept	
Methods used		g, Group Assignment, Project Based	
by	Learning, Assignment on designing a small animation sequence Design		
departments in	thinking, Group Chart Preparation, Demonstration of model, Online question answer session, Poster preparation and demonstration, NPTEL Assignment,		
Teaching &			
Learning		learning, Simulation tool, Experiential	
		ind Maps, Software based learning, Field arning, Class summary, Presentation of	
		Seminar, Concepts learning through	
	Numerical, Shadow teaching,	Concept visualization, Exposition	
	(comprehensive method of presentation	<u> </u>	
L	(completion) to medical or presentation	ij, i olikbook activity.	





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Students Performance

Results of Odd/Even 2019-20 Term End Semester Examinations UG Programs Results ESE- 2019-20 (Odd/Even) B.E. RESULT

(First Year CE, CT, EL, ET, EE, IT, ME)

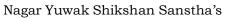
SEMESTER	NO. OF STUD. APPEARED		NO. OF STUD. PASSED	% RESULT
First Sem	1 A:	569	276	48.51%
	1 B:	563	364	64.65%
Second Sem	2 A:	538	449	83.46%
	2 B:	546	474	86.81%
Third Sem	1130		811	77.71%
Fourth Sem	1132		1066	94.17%
Fifth Sem	1149		884	76.94%
Sixth Sem	1149		1111	96.69%
Seventh Sem	1112		977	87.86%
Eighth Sem	Result under process			

PG Programs Results ESE-2019-20 (Odd/Even)

M. TECH. RESULT

(CAD/CAM, COMM. ENGG, CSE, EE, ENV. ENGG, IPS, STRUC. ENGG)

SEMESTER	NO. OF STUD. APPEARED	NO. OF STUD. PASSED	% RESULT
First Sem	45	42	93.33%
Second Sem	43	43	100%
Third Sem	48	44	91.67%
Fourth Sem	47	47	100%





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IQAC Annual Action Plan 2020-21 for Institute & DQAC's

	IQAC/DQAC Action Plan (2020-21)	
Quality	Submission of IIQA for 2nd cycle of NAAC Accreditation	
Assessment &	Preparation & Submission of SSR for 2nd cycle of NAAC Accreditation	
Accreditation	Submission of Application for NBA Accreditation of CT (UG)	
	Conduct of External AAA Audit	
	Implementation of initiatives (AWL, DLA, DPP, CRT, VPS, Mentor-Mentee,	
	PQAI, Project Mentors, innovative T-L methods)	
F 14	SWAYAM/NPTEL Certification by Faculty	
Faculty	Permission to the Faculty for pursuing higher education	
Development	Teachers registration as PhD supervisors	
& Initiatives	Participation of Faculty in STTP/FDP/Workshops	
	Consultancy by departments as per assigned targets to fulfil the requirements of NAAC/NIRF/NBA	
	Faculty Recognition, Achievement	
	Faculty Lecture Video Recording: Google Classroom	
	Establishing New Centre of Excellence (AI & IoT)	
Student	Organization of various Student Development Activities under Professional Society Chapters, Value Added Courses	
Development	Revision of faculty & student SOP/Policies	
& Initiatives	Guidance & Expert Lectures for Competitive Examinations preparation through GATE Clubs	
	Visit of Students to Institute of Eminence/Research Labs	
	Development of e-Resources: Question Banks & Solution Sets	
	Practicing Innovative Methods in Teaching and Learning	
	SWAYAM/NPTEL Certification by Students	
	MOOCS Courses to be offered by the department	
	New language (German) to offer	
	Workshops on Industry-Academia innovative practices & Entrepreneurship	
	MOOCS Courses to be offered by the department	
	Offering Industry Aligned Courses/Research Organization aligned courses	
	Carrier Guidance (CRT, Mock Interviews, Aptitude Tests etc.)	
	Students performance in Sports & Cultural Activities	
	Quality Paper Publications in SCI,SCOPUS, Web of Science Indexed Journals and Conferences	
R & D	Increasing paper citations count & papers with i10 citations	
Activities	Workshops/Seminars on IPR	
	Book/Book Chapter and Monograph Publication	
	Patent & Copyright Proposal Submission	
	Submission of Proposals to Funding Agencies	



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IIQA/SSR Submission for 2nd cycle of accreditation:-5) Action Plan for 2nd Cycle of Accreditation

1st Cycle Accreditation:-

Validity: 15 Sept. 2016 to 14 Sept. 2021

Grade Awarded: A, Score: 3.25/4



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Grading Scheme:

A++: 3.51 to 4.00, A: 3.01 to 3.25,

A+: 3.26 to 3.50 **B++:** 2.76 to 3.00

2nd Cycle Time line (Action Plan) :-

- IIQA Submission: First Week of March 2021
- IIQA Approval by NAAC: Within 10-15 days
- Activation of Link for online SSR: Within a week after IIQA Approval
- SSR Final Submission: Within 60 days after activation of NAAC portal link.
- DVV Process: 30 days
- SSS: 1 Month (data of at least 50% students)
- Committee Visit: August or Sept 2021 (2 days visit)
- Constitution of Committee for Preparation of SSR

The Committee members have noted the action plan for submission of IIQA / SSR submission for 2nd cycle of NAAC Accreditation and given all rights to Dr. U.P. Waghe, Principal, Chairman IQAC, YCCE to constitute a committee of Senior/Experienced faculty members for preparation of SSR.

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

- Shri Deepak Deshmukh, Member IQAC enquired about the attendance of students in online classes and various policies for the students. He was informed that the attendance is taken on regular basis and as regards to student policies it was informed that the policies for the students are added in BE I Year brochure.
- Dr. Mrs. M.M. Kshirsagar, Member, IQAC suggested that Visiting Professor Scheme SOP should also include resource person from industry.
- IQAC has decided to invite the heads of the various departments for IQAC meeting as a Special Invitees.

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

Dr. A. R. Bhagat Patil,

Member Secretary/Director,

ERING

IQAC, YCCE, Nagpur.

Dean (P&D), YCCE

Sd/-)

Dr. U.P. Waghe,

Chairman,

IQAC, YCCE, Nagpur.

Principal, YCCE

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