

#### Zagdu Singh Charitable 'Trust's (Regd.) THAKUR COLLEGE OF **ENGINEERING & TECHNOLOGY**

Autonomous College Affiliated to University of Mumbai

Approved by All India Council for Technical Education(AICTE) and Government of Maharashtra(GoM)

Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. A.Y 2019-20
Amongst Top 200 Colleges in the Country, Ranked 193' in NRF India Ranking 2019 in Engineering College category
150 9001:2015 Certified • Programmes Accredited by National Board of Accreditation (NRA). New Delhi

\*Institute Accredited by National Assessment and Accreditation Council (NNAC), Bangalore

Minutes of NAAC- IQAC Committee Meeting held on 5th August 2023 at 11:00 am through zoom online platform.

Purpose of the meeting: To approve previous IQAC minutes of the meeting held on 21st April 2023 and present the report on the "Academic Performance Audit" conducted on 2<sup>nd</sup> August 2023 to monitor the progress of institute as per UGC guidelines.

### **Agenda for Annual IQAC Meeting 2022-23:**

- 1. To present the action taken report as per Academic Performance Audit for AY 2021-
- 2. To present the Annual Progress Report for AY 2022-23 in the light of Academic Performance Audit held on 2<sup>nd</sup> August, 2023
- 3. To review the audit findings and take suggestions for the AY 2023-24

### **Agenda for Quarterly IQAC Meeting:**

- 1. To approve minutes of meeting of IQAC meeting held on 21st April, 2023
- 2. To discuss the Curricular Aspects of the Academic programs and suggest improvements
- 3. To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation
- 4. To discuss the initiatives taken to sensitize/ promote Research, Consultancy & Entrepreneurship climate in the Institution
- 5. To discuss the increase in infrastructure facilities and library facilities as Learning Resources
- 6. To discuss Student Support services and its progression offered by the college
- 7. To discuss improvement strategies adopted by Institution for Academic & Infra development
- 8. To discuss the innovations introduced during this Academic Year
- 9. To discuss the action taken by the departments on the actionable points identified in the previous meeting
- 10. To discuss strategies for implementing future plans of action for the year 2023-24
- 11. Any other point with permission of the chair

The following members were present for the meeting:

Sr.	Name of External	Designation
No	members	
1.	Mr. Gaurav Ghelani	Regional Head - TCS Academic Interface
		Programme-Employer
2.	Mr. Manvendra Pratap	AVP- Operations Transformation, HSBC-
	Singh	Alumni



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3.	Mr.Arya Mishra	Mingout Pvt. Ltd - Alumni		
4.	Mr. Ivan Castelino	Managing Director, In-solution Global Private Limited		

Sr. No	Name of Internal members	Designation		
1.	Dr. B. K. Mishra	Principal & Chairperson, IQAC		
3.	Dr. R. R. Sedamkar	Director, IQAC		
4.	Mr. V.N. Datta	Development and Quality Assurance Officer		
5.	Dr. Ramkumar Ambatipudi	CTO, TEG		
6.	Dr. Sanjeev Ghosh	IQAC Coordinator		
7.	Dr. Lochan Jolly	Dean - SSW		
8.	Dr. Vinit Kumar Dongre	Dean - R&D		
9.	Dr. Sheetal Rathi	Dean - Academic		
10	Dr. Zahir Aalam	Training and Placement Coordinator		
11.	Mr. Devidas Kalwale	Librarian		
12.	Dr. Sanjeev Chaudhary	Controller of Examination		
13.	Dr. Payel Saha	HOD-E&TC		
14.	Dr. Rajesh Bansode	HOD-IT		
16.	Dr. Harshali Patil	HOD-COMP		
17.	Dr. Hemant Kasturewale	HOD-E&CS		
18.	Dr. Siddesh Siddappa	HOD-MECH		
19.	Dr. Seema Jagtap	HOD-CIVIL		
20.	Dr. Sunita Panchori	FE In-Charge-ES&H		
21.	Dr. Prachi Janrao	HOD-AI&DS		
22.	Dr. Megharani Patil	HOD-AI&ML		
23.	Dr. Vidyadhari Singh	HOD-CSE (Cyber Security)		
24.	Dr. Sujata Alegavi	HOD-IoT		
25.	Dr. Sudhakar Umale	I/C HOD-MME		
26.	Ms. Purnima Chandrasekar	IQAC Member		
27	Ms. Ashwini Shanbhag	IQAC Member		
28.	Ms. Swati Abhang	IQAC Member		
29.	Ms. Shilpa Mathur	IQAC Member		
30.	Mr. Jayant Patil	IQAC Member		
31.	Ms. Swetha Kulkarni	IQAC Member		
32	Ms. Siddhi Ambre	IQAC Member		
33.	Ms. Niki Modi	IQAC Member		
34.	Mrs. Drashti Shrimal.	IQAC Member		
35.	Ms. Jyoti Kori	IQAC Member		
36.	Ms. Usha Gupta	IQAC Member		



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37.	Ms. Swati Mude	IQAC Member	
38.	Mr. Shivram Poojari	IQAC Member	
39.	Mr. Viraj Zaveri	Student Member (GS)	
40.	Mr. Sanika Lad	Student Member (Jt.GS)	
41.	Ms. Saachi Bangera	Student Member (LR)	
42.	Mr. Mahesh Sharma	Parent Member	
43.	Mr. Bhaskar Joshi	Parent Member	
44.	Ms. Jyoti Kashyap	Parent Member	
45.	Mr. Shailesh Chavan	Administrative member	
46.	Mr. Uday Waskar	Administrative member	

#### **Welcome to all the members present:**

The meeting began with Dr. R. R. Sedamkar, the Director of IQAC, extending a warm welcome to all attendees at the 4th quarterly meeting of the IQAC cell for the academic year 2022-2023. Typically, these quarterly meetings are held after each quarter has concluded, which means from April 23rd to June 23rd. Dr. Sedamkar, on behalf of the IQAC cell, extended a warm welcome to all the members present. The distinguished individuals in attendance include Mr. V.N. Datta, advisor, TEG, and Mr. Ram Kumar, CTO, TEG. Additionally, we are joined by. Our esteemed Deans, HODs, and other faculty members are here to represent the teaching staff. The meeting also includes the Controller of Examinations, the Training and Placement Officer, and senior administrative officers who are essential contributors to the committee.

We are joined by Viraj Zaveri, Sanika Lad, and Saachi Bangera, valuable student members of our committee. In addition, we are pleased to welcome Mr. Arya Mishra, alumni of TCET. Their presence adds to the richness of our discussion.

We have nominees from the employer and industry experts. We have Mr. Gaurav Ghelani, (Regional Head - TCS Academic Interface Programme-Employer), and Mr. Ivan Castelino, (Managing Director, In-solution Global Private Limited). Additionally, we have representatives from stakeholders, specifically parents: Ms. Jyoti Kashyap, Mahesh Sharma, and Bhaskar Joshi, who are parents of second and first-year students. It's important to note that all these individuals are in attendance.

Furthermore, we have the IQAC coordinators from each department present, along with Dr. Sanjeev Ghosh, who serves as the coordinator, and myself, representing the entire IQAC team. We extend a warm welcome to all of you to this meeting.

Before we commence with the meeting's agenda and seek approval for the IQAC cell's proceedings, I kindly request our Principal, Dr. B. K. Mishra, and the Chairperson of IQAC TCET, NAAC, to provide the audience with an update on the developments of the last quarter.

On behalf of TCET IQAC, Dr. R. R. Sedamkar requested Principal sir to brief about the happenings in Curricular Aspects & Academic programs.



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The Principal extended a warm welcome to everyone at the IQAC meeting and emphasized that our institute is committed to providing quality education. He stressed that we are proactive in adhering to guidelines set by regulatory bodies. Simultaneously, he highlighted the importance of competitiveness to ensure a continuous influx of students into the various programs we offer. To achieve this, we strive not only to meet the required infrastructure, facilities, and resource standards but also to surpass them. As a result, we aspire for our Institute to gain national recognition.

Furthermore, we actively encourage our faculty members and students to participate in various events, as reflected in the reports from the Dean of Students and Staff (DSW). We also place a strong emphasis on research activities, and the Dean of Research and Development will be presenting reports on this matter. Additionally, we have the Dean of Academics, responsible for overseeing the academic affairs of the Institute. It's worth noting that, starting from the current academic year, we have revised the curriculum and obtained all necessary approvals from statutory bodies. Normally, we have both the Board of Studies and the Academic Council, and both councils have approved the curriculum that will be implemented starting from the current academic year. The second round of the admission process is currently underway and is expected to conclude. Therefore, on Monday, August 7th, the first-year classes will commence. It's important to note that for the first-year students, we are implementing a curriculum aligned with NEP 2020. We have already developed implementation plans and conducted training sessions to ensure effective implementation. The faculty members have been oriented to facilitate this process, and the necessary preparations have been made by the respective departments.

In addition to this, we have also implemented the new curriculum for our second-year students, which has already commenced from July 7th, 2023. The arrangements made for the first-year students are the same as those for the second year.

Furthermore, we actively participated in the NIRF ranking this time; however, we did not secure a position on the list. After conducting a root cause analysis, we discovered that certain parameters, such as research activities, professional practices, perceptions, and others, depend on the Institute's networking and active R&D activities. As a result, we did not perform well in certain areas. However, when it comes to graduate outcomes and enrolment, including the faculty-to-cadre ratio and other factors, we fared fairly well and were almost on par with the top 100 colleges in the country. It's worth noting that there are approximately 76 colleges on the list that were established in the 1980s.

The Principal earnestly requested the committee members to provide guidance so that we can aim to place ourselves in the top 200 in the next academic year. He mentioned that in 2019, we were ranked at 193, and our goal is to regain our position on the list. He also requested the members' assistance in the NAAC accreditation process, as our NAAC tenure is set to conclude on December 31, 2024. Therefore, we need to apply and complete the required formalities, which may be portal-based and should be done by June 2024, six months before the NAAC accreditation process begins.



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To prepare for this, we need to fill out the SAR (Self-Assessment Report), which comprises two parts: quantitative and qualitative. The data generated from various meetings and the internal quality assessment cell must be consolidated for a period of five years. In our case, this period will be seven years because the college received accreditation for seven years due to its autonomy status. NAAC expects us to apply only when two batches have graduated. Since two batches have already passed out, we are now eligible to apply and must do so before June 2024.

Regarding the National Board of Accreditation (NBA), which is program-specific, accreditation is due for Mechanical and Civil Engineering programs. Our immediate priority is to focus on obtaining NAAC accreditation, which is also due. Following this, we will proceed with the NBA accreditation for the four departments: Information Technology, Computer Engineering, Electronics and Computer Science, and Electronics and Telecommunication.

Once again, we seek guidance to ensure that we are well-prepared to create the best Self-Assessment Report (SAR) possible and perform successfully in the accreditation process. We aim for substantial improvement in scores, at least a 10 to 20% increase compared to the previous evaluation.

### Agenda 1: To approve minutes of meeting of IQAC meeting held on 21st April, 2023.

Dr. B.K. Mishra extended a warm welcome to all the members of the meeting and then passed the floor to Dr. R. R. Sedamkar to continue with the proceedings. Dr. R. R. Sedamkar requested that the minutes of the last meeting, which was held on April 21, 2023, be shared. Initially, the draft minutes were sent via email on May 17, 2023, and the final minutes of the meeting were subsequently sent after incorporating suggestions received via email from all relevant IQAC members.

# Agenda 2: To discuss the Curricular Aspects of the Academic programs and suggest improvements. &

## Agenda 3: To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation.

Dr. R. R. Sedamkar invited Dean Academic, Dr. Sheetal Rathi to brief about the innovative processes adopted by the institution in Teaching, Learning and Evaluation

Dr. Sheetal Rathi mentioned that in the last academic year, we received various inputs related to the curriculum, enrichment, and the teaching-learning process. Based on these inputs, we made efforts to strengthen our evaluation methods and teaching-learning techniques. We introduced new pedagogies to the faculty and encouraged them to implement these pedagogies in their coursework. Starting from this academic year, we have formalized this process. Regarding evaluation, we introduced innovative exams in the previous academic year, and once the process was formalized, it was well-received by both faculty and students. We also promoted online courses through MOOCs (Massive Open Online Courses). Some of the professional electives and open electives were chosen by the students, and they completed these courses through the MOOCs platform. For the current academic year, we revised our scheme. Extensive groundwork was undertaken, taking inputs from various stakeholders and



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conducting a study. Based on these inputs and the study report, we revised our scheme, now totalling 174 credits, while keeping in mind the guidelines of the National Education Policy (NEP) 2020.

For discussion on Research and development, Dean R&D Dr. Vinit Kumar Dongre was invited to share the development in the last quarter along with the action taken report, he initiated the discussion by briefing the various aspects of the Research and development.

Dr. Vinit Kumar Dongre, the Dean of Research and Development, reported that we acted upon the feedback received last year regarding publications. In the current academic year, we made significant progress in this regard. Our publication output has improved substantially. Over the last three years, we had an average of around 300 papers, but this year, we have published 954 papers, which is almost three times the previous figure.

Another area of focus is the quality of these publications. To encourage and enhance this aspect, we established the UG Student Special Interest Groups, comprising 300 students across eight different technologies who are actively engaged in research. Additionally, we have formed a faculty team dedicated to research to ensure continuous monitoring of research activities throughout the institute.

For this purpose, in every department, one-third of the faculty members, under the leadership of the Deputy Head of Department (Dy. HoD), are actively involved. We are committed to holding regular meetings with these teams, and every month, we will assess the department's performance and determine guidelines accordingly.

### Research Funds Sanctioned and Received from Various Agencies during the academic year

Name of the Investigator	Dept.	Title of the project and duration	Amount sanctioned	Funding Agency	Year
Dr. Lochan Jolly	E&TC	IKS	Rs. 7,50,000	-	2022- 23
Dr. Lochan Jolly	Е&ТС	IKS	\$600	IEEE R10	2022- 23
Dr. Kalawati Patil	IT	IKS	Rs. 7,50,000	-	2022- 23
Mr. Prashant Narayane	CIVIL	Mission AmriMission Amrit Sarovar – Jal Dharohar Sanrakshan Internshipt Sarovar	2,00,000/-	AICTE	2022- 23
Dr. Seema Jagtap Mr. Prashant Narayane	CIVIL	IKS internship Water resources development and management using ancient Indian knowledge system.	7,50,000/-	IKS	2022- 23

SrNo	Faculty	Amount	Grant received
1	Mrs. Vaishali Nirgude	1.2 Lakhs	15th Maharashtra state inter-university research competition

• In AY 2021-22 total number of faculty publications were 457 and in AY 2022-23 total number of faculty publications are 741.



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- In AY 2021-22 total number of faculty participations in seminars/conferences and symposia were 562 and in AY 2022-23 total number of faculty participations in seminars/conferences and symposia are 690. The number of faculty participations in seminars/conferences and symposia is increased by 118.
- Patents in 2022-23

Patent Details	Patent status	Patent Number	Date
COVALENT –STARTUP COLLABORATION AND OUTSOURCING PORTAL	Published	202221005948A	06-09-2022
A REAL-TIME POMEGRANATE DISEASE MANAGEMENT SYSTEM FOR POMEGRANATE DISEASES DETECTION, PREDICTION, AND CLASSIFICATION	Granted	202022101222	27-10-2022
A SYSTEM FOR IDENTIFYING CLINICAL FIXES USING EEG SIGNALS (BRAIN SIGNALS)	Granted	202022101294	28-07-2022
PERFORMANCE IMPROVEMENT FOR INDIAN ELECTION CAMPAIGN USING AI DRIVEN APPROACH	Published	202321013726A	05-05-2023
A SYSTEM FOR AUTOMATICALLY DETECTING AND DIAGNOSING PROBLEMS IN A DOT MATRIX PRINTER	Published	2023032113320800DE	21.03.2023
APPLIED FOR PATENT FOOD VALIDATING SYSTEM (DR. NEHA MISHRA, DR. ILA AGARKAR)	APPLIED	IN202221052740	14-10-2022
TYPE 2 DIABETES PREDICTION USING IMPROVED ENSEMBLE LEARNING DIMENSIONALITY REDUCTION (DR. KAMAL SHAH)	PATENT FILED AND PUBLISHED	APPLICATION NO- 202221005490	2022-2023
A SHORTEST PATH FINDING SYSTEM TO ELIMINATE THE NETWORK OVERHEAD DURING THE COMMUNICATION (DR. RAJESH BANSODE)	GRANTED	GERMAN PATENT 202022106165	11-NOV- 22
PREDICTION OF ANEMIA DISEASE USING MACHINE LEARNING ALGORITHMS (DR. SANGEETA VHATKAR)	GRANTED	APPLICATION NO: 202211057114	14/10/2022
IOT BASED AUTOMATED WATER BORNE DISEASE PREDICTION (DR. BHUSHAN NEMADE)	GRANTED	20221061732	29-10-2022
AUTOMATED IOT BASED SMART WASTE MANAGEMENT SYSTEM (MS. NEHA KAPADIA)	PATENT IS FILED AND PUBLISHED	APPLICATION NO: 202321006552	2022-2023
UNCOVERED MANHOLE DETECTION AND ALERT SYSTEM ON ROADS DURING RAINFALL (MRS. NEHA PATWARI)	PATENT FILLED AND PUBLISHED	APPLICATION NO. 202241050160	2022-2023
DEEP FAKE DETECTION AND ANALYSIS	IN- PROCESS	-	06-04-2023

In the A.Y. 2021-22 the revenue generated from consultancy was Rs. 17,45,036 and in A.Y. 2022-23 the revenue generated was Rs. 3,22,808.

Dr. Lochan Jolly, the Dean of Student Support and Welfare (SSW), provided an overview of student support initiatives and addressed the inputs received from the previous meeting. She mentioned several key points:

Faculty Development: The first input was related to faculty development based on needs identification. In response, we conducted five faculty development programs this year. Additionally, we received input regarding the encouragement of faculty to pursue certifications. As a result, we are actively promoting and reimbursing faculty claims for certifications.



Student Activities: We received input regarding aligning student activities with gender diversity, equality, and environmentally friendly initiatives. In the current academic year, we will focus on incorporating these aspects into our student activities.

Student Support Activities: Other student support activities related to exams and training placement remain consistent with what we were doing in the previous year.

- In 2021-22 the institute provided Rs. 19200 as a financial support to attend conferences/ workshops and towards membership fee of professional bodies and in 2022-23 the amount has increased to Rs. 26194.
- A total of 19 professional development/ administrative training programmes were organized by the College for teaching and non-teaching staff during the academic year.
- Faculty members are reimbursed for the FDPs, workshops, conferences etc. The total amount reimbursed was Rs. 19830 for the AY 2022-23.

Dr. Lochan Jolly provided this information as part of her briefing on student support and welfare.

Dr. R. R. Sedamkar requested all HODs to share the suggestions of peer review team meeting which was held on 2nd August 2023. He requested to share discussion points up to criteria 3 by sharing one-page report submitted to IQAC cell.

Dr. Payal Saha, Head of the Electronics and Telecommunication Department (E&TC), shared several important updates during her report:

- 1. Curriculum Revision: In response to students' interests, the specialization course has been changed from "Communication Networks" to "5G" and "Cybersecurity" to better align with their preferences.
- 2. PS VII Change: Following feedback from the last batch, where students expressed a lack of interest in pursuing Latex as part of PS VII, the department has replaced it with LabView, which is deemed more beneficial for the students.
- 3. Teaching, Learning, and Evaluation: The department conducted counselling sessions by senior students for juniors who were in their second year. Additionally, a department calendar has been formulated to streamline all department activities related to students.
- 4. Research: The department organized a capacity-building program on LabView programming and hardware interfaces, which received sponsorship from IEEE Bombay Section. Moreover, there has been an increase in Scopus publications, with four Scopus-indexed papers, one book, and one chapter authored by faculty members in the last academic year. Faculty members have also been encouraged to pursue courses under NPTEL, and three faculty members have been recognized as PG PhD guides by the University of Mumbai.

Dr. Rajesh Bansode, Head of the Information Technology (IT) Department, provided a comprehensive update on departmental activities:



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- 1. Scheme Implementation: The department successfully prepared and implemented the new proposed scheme for Batch 2327. Professional skills and employability skills courses are being delivered to students as per the scheme.
- 2. Student Achievements: Two students qualified for the GATE exam in 2023. Additionally, 13 students have completed NPTEL courses, with two achieving the "Elite" ranking and one reaching "Elite Plus" status.
- 3. Curriculum Compliance: The department ensured adherence to the National Education Policy (NEP) and National Curriculum Framework (NCF) requirements.
- 4. Teaching and Learning: In the May 2023 End Semester examinations, the department achieved a passing percentage of 97.8% for SE, 100% for TE, and 100% for BE students.
- 5. Research and Innovation: The department made significant progress in research, consultancy, and extension activities. Six faculty members have filed patents, with three already granted, and three published. The department has published 33 papers in reputed indexed journals such as Scopus, GCC, and Weber Science. Additionally, 74 papers were presented at Multicon-w 23.
- 6. Research Funding: Dr. Kalawati Patil secured research funding of 7.5 lakhs from IKS.
- 7. Publications: Three faculty members authored books, and five faculty members published book chapters.
- 8. Training and Consultancy: Eleven faculties are engaged in various training and consultancy projects, resulting in earnings of ₹1,07,338.
- 9. Professional Development: Twenty-three faculty members attended an AICTE-approved Short Term Training Program (STTP) on Blockchain Technology.
- 10. Reviewers and Seminars: Two faculty members served as reviewers for international/national journals. The department conducted six technical seminars and three Qualification Pack workshops during the academic year 2022-23.

He also mentioned that the department initiated a Research Vision Plan, which began in the last semester. It was realized that the Research Vision Plan for faculty members could be extended throughout the year and divided into two parts. The department has introduced a practice of obtaining research progress reports every month, allowing faculty members to plan their contributions well in advance, providing a comprehensive understanding of the entire year's activities. Part One of the plan covers publications, patents, copyrights, funded research, recent proposals, and consultancy work. Part Two includes additional activities that faculty members may be interested in, such as coordinating Faculty Training Programs (FTP), serving as athletic coordinators, contributing to industrial training, participating in competitions, specializing in certain areas, leading hobby clubs, or pursuing online certifications. The department encourages faculty members to submit their plans and contributions for the entire year, specifying in which month and in what capacity they intend to contribute. This approach ensures that when the yearly progress report is submitted to the office, these contributions can be seamlessly included, and their timely implementation can be monitored.

Dr. Harshali Patil, Head of the Computer Engineering Department, outlined the action plan for the next quarter. She explained that the actionable point was to make the revisions in the



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scheme as per the inputs of stakeholders and recent trends. The scheme and syllabus have been modified in accordance with the suggestions from stakeholders and the requirements of the National Education Policy (NEP) 2020 and National Curriculum Framework (NCR) guides. Additionally, every faculty member was expected to utilize two pedagogical and innovative methods to enhance their teaching.

The involvement of industry professionals is essential for various activities. As part of this initiative, industry experts have been assigned as mentors to each major project group of students. Additionally, industry professionals have been invited to participate in syllabus design discussions during Board of Studies (BOS) and advisory meetings. To promote and encourage faculty members to engage in research, the Computer Department currently has 12 faculty members who are actively pursuing Ph.D. programs. Furthermore, the department has achieved notable accomplishments, including securing five patents, one copyright, and one grant. To inspire and support student start-ups, we have organized entrepreneurship programs to motivate and guide students in this direction. In an effort to enhance the quality of question papers, we conducted training sessions for faculty members on how to construct effective questions. Additionally, a quality audit was conducted to ensure the standard of question papers.

Dr. Hemant Kasturiwale, Head of the Electronics and Computer Science (E&CS) Department, provided an overview of the actions taken in the past quarter and the action plan for the forthcoming quarter:

- 1. Curriculum Revamp: The curriculum for the E&CS branch has been revamped, aligning credits with academic requirements and incorporating inputs from academicians, alumni, and industry representatives.
- 2. Teaching and Learning: The department encourages students to engage in multidisciplinary and outhouse projects. Additionally, industry inputs are sought to refine the teaching and research processes.
- 3. Research Promotion: A culture of research and publication is actively promoted among both students and faculty, with a specific focus on Scopus-indexed journals. The department systematically encourages faculty and students to submit proposals for research grants, copyrights, patents, and industry collaborations. Various platforms, including IISC and others, are now widely used for these purposes.
- 4. Student Support and Progression: Students are systematically encouraged to participate in various intra-college and intercollegiate activities at the national level. Innovative practices have been introduced, including the establishment of a laboratory for electronics and electrical practicals, referred to as the "KIDA laboratory," which students will begin exploring in the upcoming week.
- 5. Alumni Involvement: Alumni are actively involved in various events, conferences, talks, and seminars to provide real-time information and insights to current students.
- 6. Industry Interaction: The department maintains ongoing interactions with the industry to facilitate the overall development of both students and faculty.



Dr. Siddesh Siddappa, Head of the Mechanical Department, presented an action plan and provided an overview of the actions taken and their impact/outcomes from the previous year based on various criteria:

#### 1. Curriculum Aspects:

Action Plan: Conduct internships, involve alumni in curriculum and syllabus design. Actions Taken: In-house internships were planned and conducted from June 8th to June 22nd, 2023. Advisory Committee meetings were held on September 17, 2022, and April 1, 2023. Board of Studies meetings were conducted on June 27, 2022, and January 9, 2023.

### 2. Teaching, Learning, and Evaluation:

Action Plan: Implement certification courses and RBL (Research-Based Learning) and PBL (Project-Based Learning) activities.

Actions Taken: Specialization courses on industrial automation and energy engineering were offered. RBL and PBL activities were conducted, and presentations were implemented.

### 3. Research, Consultancy, & Extension:

Action Plan: Plan the conduction of qualification pack training of RAC under PMKYY 4.0.

Actions Taken: One paper was published in the Brazilian Journal of Chemical Engineering, and two potential projects for patent filing were identified and submitted.

### 4. Infrastructure and Learning Resources:

Action Plan: Effectively use available infrastructure resources for conducting TLP (Teaching, Learning, and Practice) and maximize the utilization of the departmental library.

Actions Taken: Effective use of the K Nimbus online facility for downloading books by students and faculty, and the conduction of specialization examinations.

### 5. Student Support and Progression:

Actions Taken: Conducted ESD (Employability Skills Development) programs for SE (Second Year) and TE (Third Year) to prepare students for the industry. Outhouse internships for students were conducted and completed, and student participation in various technical competitions was implemented.

### 6. Governance, Leadership, and Management:

Action Plan: Increase collaboration with other institutions and universities.

Actions Taken: Offered specialization courses based on technological developments and industry/stakeholder suggestions. Conducted Faculty Development Programs (FDP) on sustainable development through traditional capacity-building programs. Scheduled effective academic, HSD (Human Skills Development), and research conductance under the National Education Policy (NEP) 2020.

#### 7. Innovation and Best Practices:

Action Plan: Plan interaction with industry professionals and faculty members from different institutions.



Actions Taken: Completed 64 internal audits and conducted Management Review Meetings (MRM) on July 20th and 13th, 2023. Continuous updating of SAR for NBA was carried out.

Dr. Seema Jagtap, Head of the Civil Engineering Department, provided an update on various activities and initiatives within the department:

- 1. Internships: The department successfully secured paid internships from Mission Amruth Sarovar and Jala Sarovar, both provided by Indian Knowledge System. Students engaged in internships lasting from 1 to 6 months.
- 2. PMKYY Enrolment: Thirty students enrolled for the bar bending associate program under PMKYY (Pradhan Mantri Kaushal Vikas Yojana), and examinations for this program are currently in progress within the college. The department also received a visit from a government expert, highlighting the positive impact of this initiative.
- 3. Online Course Offerings: Professional elective courses and open elective courses were offered through online platforms like NPTEL or MOOCs. Credits earned from these courses were successfully transferred, and mentors were assigned based on expertise.
- 4. Research Focus: In the upcoming academic year, small groups have been formed to focus on research activities, aiming to improve Scopus, SCI, and book publications.
- 5. Placement Skill Development: To align the curriculum with industry requirements, the department utilized the National Skill Qualification Framework (NSQF) to map courses for Professional Skills, ensuring that students are equipped with the skills needed for placement.

Mr. Gaurav Ghelani appreciated the achievements by all the departments. He mentioned that he is thoroughly impressed by the standard template used for standardization of uniform communication from all the departments. He also enquired if the achievements or accomplishments or whatever the activities that are taking place can be captured and it can be shared at the quarterly level.

In response to Mr. Ghelani's query, Dr. B.K. Mishra, Principal of TCET, provided updates and insights into various initiatives and activities at the college:

- 1. Website Revamp: The college is currently in the process of revamping its website, with approximately 70% of the changes already completed. The objective is to showcase information from previous years, including details about conducted activities and the working philosophies of different departments.
- 2. Departmental Websites: Each department, along with sections such as professional bodies, will have its own separate website. This allows students involved in various activities, such as IEEE or NSS, to maintain yearly websites, with reports generated at the end of each year. These websites will be linked to the college's main website.
- 3. Participation in Akhil Bhartiya Shiksha Samagam: TCET students participated in the Akhil Bhartiya Shiksha Samagam, where 17 colleges from across India were identified. TCET was among these colleges and participated in two events: a cultural program and the Institute Innovation Cell (IIC). The program showcased innovations in line with the effective implementation of NEP 2020 and was inaugurated by the Prime Minister.



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Regulatory officials from various central and state government bodies visited TCET stalls and appreciated the students' programs. TCET's program was featured as the first in the list of cultural programs from higher and technical education.

- 4. International Visit: One batch of students visited Scotland, representing another achievement for the Institute.
- 5. NSS and NCC Activities: TCET engages in NSS and NCC activities, where students are encouraged to pursue certification courses. Thirty students appeared for certification exams over three years, with 29 out of 30 students successfully passing, marking a significant achievement for the Institute.
- 6. Communication and Updates: TCET employs LED displays, banners within the premises, and a social media presence to provide regular updates to the community.
- 7. ERP System: The college uses an Enterprise Resource Planning (ERP) system as a central platform for internal members to access relevant information.
- 8. Blockchain Project Team: A project team specializing in blockchain is tentatively scheduled to visit abroad, sponsored by the college, in October 2023 for participation in an international conference.

Mr. Gaurav Ghelani appreciated the key highlights shared by the college, both on the LED dashboards and through social media channels. He suggested amending the quarterly newsletters to include not only achievements but also various other activities. He proposed the idea of circulating articles, even those published outside the college, which could serve as motivation for students. These articles could be shared in soft copy format through platforms like WhatsApp, with a focus on promoting green IT and sustainability. Creating a concise PDF document of around 10-12 pages would also be beneficial for wider dissemination. Students could then share these materials with friends and family who are not from the same college, helping to raise awareness on a larger scale. He mentioned that having a small newsletter on his WhatsApp allowed him to easily share it with multiple people, which could contribute to creating awareness at a broader level.

In response, Dr. B.K. Mishra, Principal of TCET, acknowledged Mr. Gaurav Ghelani's valuable points, particularly for an emerging institute like TCET. He noted that on TCET's website homepage, visitors can access rolling technical magazines and newsletters, as well as conference data published by CRC Press, which falls under IEEE or Springer. Dr. Mishra also mentioned the publication cell at TCET, which addresses all of these aspects throughout the year.

Dr. R.R. Sedamkar, Director of IQAC, requested Mr. V.N. Dutta for his valuable suggestions. Mr. V.N. Dutta provided a suggestion regarding alumni involvement in all processes. He mentioned that TCET has taken a leading role in various aspects and advised that alumni suggestions could be framed into a general format. He also noted that TCET has a portal for alumni, and if this is implemented, the IQAC team will be able to post questions about improvements.

Dr. R.R Sedamkar invited Dr. Vidyadhari Singh to throw some light on emerging branches all together.



Dr. Vidyadhari Singh, Head of Computer Science & Engineering (Cybersecurity) discussed several points related to curriculum aspects:

- 1. Enriching the Curriculum: The institution is working on enriching the curriculum by involving industry experts and professionals who work in relevant domains. They aim to cover the latest tools and practical applications used in the industry. For example, in fields like cybersecurity, courses such as ethical hacking and cybersecurity have been introduced. Similar subjects have been added to emerging branches like AI & DS, AIML, and IoT.
- 2. Pedagogical Tools: The institution is implementing various pedagogical tools to enhance the teaching-learning process. These tools are selected based on the specific characteristics of each subject, and the institution follows UGC guidelines in this regard.
- 3. Guest Lectures: Professionals from relevant domains are invited to conduct guest lectures, sharing their expertise with students.
- 4. Technical Seminars and Industrial Visits: Technical seminars and local industrial visits are organized to provide students with practical insights into their subjects.
- 5. Industry Alliances: The institution has formed alliances with industries to connect various departments with real-world applications. These partnerships enrich the academic experience and provide students with industry exposure.
- 6. Collaborative Ventures: Collaborations have been established between the institution and emerging industries. For example, the IoT department has partnered with BUILDINT Pvt Ltd., a notable company in that field, while the Cyber Security Department has collaborated with the Cyber Peace Foundation, specializing in Tele block technology. These partnerships aim to enhance internship and placement opportunities for students in emerging fields.
- 7. Awareness Campaigns: The institution conducts awareness campaigns, such as cyber safety initiatives led by the Cyber Security department. These campaigns involve the entire student body and promote online security awareness.
- 8. Collaborative Activities: The institution encourages collaborative activities to foster teamwork and partnerships among students and faculty. This approach enriches the educational experience and promotes innovation through collaboration.

Dr. Archana Belge, Deputy Head of the MME department, highlighted the department's progress in research and development during the academic year 2022-23. Despite the students being in their second year, their potential was evident. To foster enthusiasm for R&D, the department organized orientations, encouraging students to participate in various competitions.

As a result, a second-year team from MME distinguished themselves at the state-level DIPEX 23rd project competition in 2023. Out of 1000 participants, they showcased their project, which served as a testament to the department's commitment to fostering research and development. The institute endorsed and empowered these students by providing a presentation code, further emphasizing their dedication to R&D.



Furthermore, Dr. Belge mentioned that the outcome of this activity was the conversion of the students' research into a paper publication. They recently published their paper in a UGC Care journal.

Dr. R.R. Sedamkar asked the members if any department would be interested in sharing a case study from the last year or within the past four years, especially related to the implementation of the scheme. Specifically, the focus is on exploring improvements made after gaining autonomy in areas such as curriculum design, syllabi development, deployment, research and development, and student progression. The aim is to discuss significant advancements informally without the need for a formal paper presentation.

Dr. Anil Vasoya, HOC In charge, expressed gratitude for the autonomy that has introduced activity-based, project-based, and research-based learning components into the curriculum. The impact of these changes has been remarkable. As students prepare for higher education applications, their statements of purpose and letters of recommendation now carry greater weight, thanks to these enriching elements.

He went on to highlight the impressive results of these efforts. Five of their students secured admissions to Columbia University, a noteworthy achievement that was surpassed only by over 20 students gaining admission to universities within the top 100 QS World University Rankings. This accomplishment serves as the crown jewel of their autonomy-driven initiatives.

Dr. Vasoya emphasized that this narrative extends even further. A student's acceptance into IIT Kharagpur reflects the transformative approach they have adopted, and a civil engineering student's success in the GATE exam for computer engineering, securing an impressive 620th rank, adds another layer to their achievements. These milestones collectively showcase the profound impact of autonomy on their academic journey.

Dr. R.R. Sedamkar advised all the Deans, HODs, and section heads that if any innovative practice has been transformed into a best practice, they should document it in the NAAC format. This documentation will help illustrate how these practices have assisted students and how the faculty and department have contributed to their improvement.

Dr. B.K. Mishra added that internships have provided an alternative avenue to campus placements, and students are now securing better salary packages compared to previous years. For instance, in the last academic year, 44 or 45 students received packages exceeding 18 lakhs, and a few even secured international internships.

Dr. R.R. Sedamkar mentioned that, based on industry recommendations, the college has integrated a complete one-semester internship into the new curriculum. In the 8th semester, students are given the opportunity to engage in a full semester of internship with industry partners. Furthermore, he noted that if a student is already placed in the 7th semester and wishes to undergo job training equivalent to 16 credits, they can achieve this by working in the industry and completing online certification courses that align with academic requirements. Those who successfully complete this training and recruitment process in the 7th semester is eligible to



begin employment as early as the 8th semester. This arrangement is designed to ensure that they are well-prepared for the workforce by the time their peers graduate.

Dr. R.R. Sedamkar mentioned that the institute has undergone a comprehensive transformation over the past four years, encompassing various aspects. The insights gained during this period have been synthesized into a refined framework in the previous academic year, resulting in an enhanced structure. He noted that the primary focus, driven by the needs of stakeholders and the diverse backgrounds of our Hindi linguistic minority students, has led to a thorough restructuring. This restructuring aims to equip students from various walks of life to emerge as proficient engineers and was implemented during the last academic term.

Furthermore, efforts to strengthen research have made encouraging progress. The next endeavour is to reinforce undergraduate projects, ensuring that a substantial portion, approximately 20% to 25%, achieves notable success. Some departments have already championed this cause by embracing national-level challenges as problem statements, serving as exemplary case studies. This strategic initiative aims to cultivate a culture of substantial research and innovation at the foundational level, and it has been outlined as a policy decision by the involved departments. This approach includes detailing specific problem statements, their implementation, execution, and resulting outcomes, demonstrating how this undertaking contributes to students' growth as proficient engineers in the upcoming cycle.

Dr. R.R. Sedamkar emphasized that the essence of the presentation lies in its qualitative content. Deans and department heads will be responsible for presenting substantive aspects, while policy-level considerations will be addressed at higher levels of the organization. With this, the agenda items have been covered, and the review has been conducted, particularly addressing point number 3 involving audit planning and gathering input. He also highlighted that valuable suggestions have been shared by members, including Mr. Gilani, as well as contributions from parents, community representatives, and industry stakeholders. He then invited Ms. Jyoti Kashyap, a parent, to provide any additional input.

Ms. Jyoti Kashyap proposed the implementation of comprehensive internship training for students during their 7th semester. This training would serve as a means of evaluation, facilitated by both industry professionals and college professors. The outcomes of this training could potentially determine the students' results for the 7th semester, while the progression of the 8th semester could remain unchanged, along with the rest of the academic terms. She added that the training initiative not only equips students with industry-specific insights, but it also presents the added advantage of boosting placement prospects. Companies would be informed beforehand that students have undergone thorough training, thereby enhancing the alignment between student skills and company expectations.

She further highlighted the second point where she mentioned the Cyber Security Department's collaboration efforts with various companies. Given this context, she suggested exploring the possibility of conducting hands-on experiences or one to two-day workshops on cybersecurity within the department. She stated that this opportunity could be extended beyond department boundaries if students from other departments display an interest in engaging with cybersecurity workshops or hands-on sessions, opening potential avenues for interdepartmental



collaboration. This cross-disciplinary approach could provide students from different fields with exposure to the realm of cybersecurity, should they wish to participate.

Dr. B.K. Mishra added a point that aligned with the initial suggestion of Ms. Jyoti Kashyap. He mentioned that the incorporation of a provision for on-job training, although situated in the 8th semester, has been implemented. This training entails, a substantial six-month immersion within various industries. Considering this arrangement, students embarking on this industry-oriented stint will be required to undertake a set of online credit courses. The credits obtained from these online courses will then be seamlessly transferred, supplementing the credits earned through the on-job training itself. This holistic approach ensures a comprehensive learning experience, equating to a total of approximately 20 to 22 credits.

Mr. Arya Mishra, an alumnus, expressed his anticipation regarding the integration of the internship as an entire semester in the 8th semester. He shared his thoughts that having the internship in the 8th semester seems like a promising choice, but he raised a question regarding the culmination of the end-of-semester project, similar to the BE project. He inquired about how students would manage this aspect. Typically, students tend to be absent from the campus during their internships. So, he asked whether students would have measures in place to maintain regular communication with mentors, perhaps through online platforms. This would ensure consistent progress checks and facilitate the final steps of project presentations, considering the logistical complexities that might arise due to the internship schedule.

Dr. Sheetal Rathi clarified the doubt raised by Mr. Arya Mishra. She mentioned that regarding the students embarking on a one-semester internship, the approach being adopted is to treat this experience as an immersive industry project. To ensure comprehensive guidance, the students will have mentors not only from the industry but also in-house mentors from the Institute. To address the logistical aspect, there will be an online avenue that facilitates continuous interaction and evaluation between the students and their mentors. Faculty members will engage in online evaluation as well. However, it's essential to note that alongside this practical exposure, students will be expected to contribute academically. Specifically, they will be required to publish a substantial research paper stemming from their industry project. This research publication will stand as a tangible outcome of their internship, underlining the fusion of practical experience with academic prowess. This comprehensive approach promises to equip students with a robust skill set and a well-rounded perspective that bridges theory and application. Mr. Arya Mishra queried about the BE final project in the 8th semester. Dr. Sheetal Rathi clarified that the students won't go for the final BE project. The industry project will be treated as the project part for those.

Dr. R. R. Sedamkar added that there will be two parallel ongoing categories: one is for students who will go directly into internships, and their projects will be provided by the industry. These projects will be evaluated by college teachers along with industry representatives. In parallel, the existing system will continue for students who do not have an industry internship. They can work on academic research projects within the college itself. Mr. Arya Mishra appreciated this interesting and great initiative, which he is looking forward to.



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Dr. R.R. Sedamkar continued, stating that based on all the actions taken by the Deans, the heads of departments, and section in-charges, the institution performed well in the last academic year. It marked four complete years of autonomy, and based on this autonomy, a Self-Assessment Report (SAR) will be prepared for NAAC accreditation in the next academic year. He mentioned that the complete scheme for 2023-27 has been revised, bringing about significant changes in the engineering education system. This revision has been widely appreciated by all stakeholders, including the government of Maharashtra. The college was recognized at the national level as a pioneer in implementing the National Education Policy, and a presentation was made in Delhi. He emphasized that deployment is crucial, and challenges should be addressed proactively to ensure successful implementation. Monitoring and taking corrective measures promptly when necessary are key to the process.

Regarding the IQAC (Internal Quality Assurance Cell) part, he mentioned that the minutes of the last quarter's meeting were presented by Dr. Sanjeev Ghosh. The previous IQAC meeting took place on April 21st. The first draft of the meeting minutes was sent to all members on May 17th, and suggestions for changes were received. After incorporating these changes, the final draft was ready on May 30th. Dr. R.R. Sedamkar thanked Mr. Datta for his meticulous work in revising the meeting minutes' word by word. Dr. Sanjeev Ghosh requested all members to approve these minutes, and Dr. Rajesh Bansode and Mrs. Jyoti Kashyap gave their approval.

Dr. R.R. Sedamkar further stated that "the agenda for quarterly IQAC meetings is more or less covered by the annual academic audit report." These agenda items are addressed in the report, and if there are any new points or innovations introduced, or if there are changes related to student progression, particularly concerning placement and results, the respective section incharges can provide their inputs. Mr. Sanjeev Chaudhari, the Controller of Examinations, initiated the discussion by noting that due to actions taken by the examination section in the last academic year, there have been changes in the question paper setting process, the timely declaration of results, and the distribution of transcripts.

Dr. Sanjeev Chaudhari agreed and continued the discussion, mentioning that transcripts are now being issued promptly, and students no longer have to wait. Additionally, the credit cards for these students are prepared and processed immediately. When the results are declared, the grade cards are also printed as part of the regular practice.

Dr. R.R. Sedamkar then invited the Training placement section and TPO for any action taken by them which has helped for better placements. He also said that we have deployed a specialized scheme for enhancing the employment which has resulted in better employment.

Mr. V.N. Datta provided his input on training and placement, highlighting the considerable improvement in T&P activities as presented in the last meeting. He expressed his expectation for faculty members to actively participate in training and placement activities, emphasizing the importance of this for maintaining quality. He noted that the TPO, through industry associations and interactions, gathers valuable suggestions, and he suggested that these should be communicated to the departments. Mr. Datta recommended that each department designate one of its team members to work closely with the T&P section, continuously bringing feedback.



This feedback loop could indirectly enhance the teaching system, ultimately leading to better employment outcomes.

Dr. R.R. Sedamkar inquired if there were any specific actions taken by departments that had led to students achieving honors' degrees or achieving better results in hackathons or similar events. He encouraged departments to share any actions or initiatives that had resulted in improved academic outcomes. He also invited deans to discuss any actions they had taken to enhance pedagogical assessment or benefit faculty members. Additionally, he asked for insights into initiatives by the Dean of Research and Development related to funding and other related activities. Finally, he invited departments and deans to share any specific plans they had for agenda item number 10, assuring that these would be given priority and implemented as needed.

## Agenda 10. To discuss strategies for implementing future plans of action for the year 2023-24

Dr. Rajesh Bansode began the discussion by explaining that the IT department has developed a research vision plan involving all faculty members throughout the academic year. They have structured this plan to be implemented month by month, with progress reports submitted to the Research and Development (R&D) department. This plan encompasses various aspects, including publications, copyrights, and patents.

Dr. R.R. Sedamkar advised that one key aspect of conducting research is for faculty members to spend a significant amount of time in laboratories. They should analyse the practical experiments conducted, bearing in mind that around 60% of these experiments have remained unchanged for the past 50-60 years. To improve research outcomes, departments and section heads should focus on making enhancements to the remaining 40% of experiments in the laboratory. Additionally, project strengthening and effective project monitoring can contribute to better research outcomes. Dr. Rajesh Bansode agreed with these suggestions and expressed gratitude for the insights provided.

Dr. R.R. Sedamkar inquired if there were any other suggestions, as the institution is on the verge of pursuing academic excellence and transitioning into the realm of research, development, consultancy, and funding. He acknowledged that the institution may not currently have significant achievements in these areas, but emphasized that in the next five years, if faculty members are motivated to deliver high-quality teaching and dedicate time to laboratory work, engage in meaningful projects, and identify challenging problem statements from various domains whenever possible, it will undoubtedly contribute to better research outcomes as well.

Mr. V.N. Datta Sir offered suggestions regarding research initiatives within the institution. He suggested that faculty members should actively participate in these initiatives, emphasizing the importance of collaboration and avoiding duplication or plagiarism. He recommended that each department hold regular meetings, either quarterly or monthly, where faculty members can discuss important research outcomes and ongoing projects. These meetings could include various methodologies, such as faculty members presenting their current work or research



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ideas. Additionally, Mr. Datta proposed the establishment of a departmental team responsible for tracking research developments in journals, institutions, organizations, and industries. This team could summarize and share relevant information with faculty members, helping them stay informed about global research trends. He believed that these practices would encourage and motivate faculty members to engage more in research activities.

Dr. R.R Sedamkar thanked Datta sir for his valuable suggestions and asked if anyone would like to share on a future plan of action.

Dr. Sanjeev Ghosh initiated the discussion by mentioning that, as part of the IQAC initiatives, they are planning to conduct a green audit in the near future. He also noted that the institute is already ISO 9001:2015 certified. However, NAAC has recommended that institutions should adopt the new educational standard ISO 21001. Therefore, they are considering implementing this new ISO standard as well.

Dr. R.R Sedamkar also recommended to Dr. Ghosh that, based on the discussion, they should consider integrating the ISO, NAAC, NBA, and NIRF points into a single report format. This would help streamline the process and avoid redundant paperwork, making it easier for faculty members. He mentioned that the ERP team should also be informed about this integration so that reports can be generated more efficiently through the online system. He then invited any other suggestions from the HoDs or IQAC coordinators, especially if the new coordinators have any ideas to contribute. If not, they would proceed to the next point on the agenda.

Dr. Sunita Pachori, F.E. In-charge, began by greeting the members and continued to discuss the implementation of the new scheme, emphasizing its benefits for students. She mentioned that there was a demand to introduce an Attitude Development course, and in line with the new scheme, Attitude and Aptitude Development 1 & 2 will be introduced in the first year for Semester I and Semester II. These courses aim to enhance students' verbal aptitude and logical reasoning skills for various competitive examinations.

Additionally, she highlighted that the subject of Programming for Problem Solving will be mapped with NSQF Level 5, improving the course standard and helping students enhance their problem-solving skills. Under the Professional Skills category, an object-oriented programming language course has been introduced, designed to cater to both CS and non-CS students. She expressed gratitude to the members and concluded her address.

Dr. R.R. Sedamkar emphasized the importance of not only taking actions but also presenting those actions in a way that highlights their role in quality improvement. He urged everyone to thoughtfully consider the purpose, planning, deployment, and impact of actions taken to improve students' performance. He stressed that presenting these details is crucial for conveying the intellectual contributions made as educators. He further noted that the institution is entering a new phase of autonomy, and the next four years should be dedicated to optimizing all aspects, from physical and human resources to documentation. This optimization will lead to a winning situation for everyone. With that, he moved on to the next agenda item, point number 11, with the chairman's permission.



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### Agenda 11. Any other point with permission of the chair

Dr. R.R. Şedamkar emphasized the need for actions taken at the engineering college level, including research, consultancy, and training, to reflect the institution's standards and quality. He stressed that these actions should not merely fulfil obligations but should align with the engineering college's requirements and standards. He further pointed out that as the institution transitions from an affiliated college to an autonomous one and aims for tier-one status, the evaluation standards will be different. The quality and rigor of actions taken should match these higher standards, both at the national and international levels. He urged all members to consider these guidelines and reassess their actions to ensure they meet the academic standards and rigor expected at the tier-one level. This, he stated, is particularly crucial as the institution applies for deemed university status.

Dr. R.R. Sedamkar extended his gratitude to all the attendees for their participation and valuable suggestions during the meeting. He specifically thanked the external members from industry, academia and alumni, as well as Datta sir and Ramkumar sir, Principal Mishra sir, Deans, Department heads, and sections for their contributions throughout the academic year.

He congratulated everyone on successfully completing the academic year and mentioned that the process of filing the Annual Quality Assurance Report (AQAR) would commence. Data points required for reports would be collected from these documents, and the academic performance report would be sent to the University Grants Commission (UGC), while the AQAR would be submitted to the National Assessment and Accreditation Council (NAAC).

Dr. Sedamkar emphasized the importance of aligning actions and initiatives with the National Education Policy and encouraged departments and sections to ensure that their implementation is in line with this policy. He also mentioned the upcoming review in four years, highlighting the introduction of multiple entry and exit options, the concept of honours, and creating a competitive environment for students.

In conclusion, he expressed his hope for continuous improvement in the upcoming academic year and beyond, thanking everyone for their participation and concluding the meeting.

Mr. Shivram Poojari (Dv. IQAC Coordinator) Ms. Swati Abhang

Prepared By

Mrs. Drashti Shrima

(IQAC Members)

**Checked By** 

Dr. Sanjeev Ghosh

Associate Dean (Quality Assurance & Accreditation) & IQAC Coordinator

Verified By

Vice Principal & Director - IQAC Approved By

Dr. B. K. Mishra

Principal & IQAC Chairperson