



**Date: 12/03/2021**

**Minutes of NAAC- IQAC Committee Meeting held on 6<sup>th</sup> February 2021 at 11:00 am through zoom online platform**

**Purpose of the meeting: To approve previous IQAC minutes of the meeting held on 25<sup>th</sup> September 2021 and discuss the initiatives taken during second quarter (October to December 2020) and the quality initiatives to be taken in the third quarter (January to March 2021).**

**Agenda:**

The agenda of the meeting is to discuss the quality initiatives based on the following NAAC criteria:

1. To discuss the Curricular Aspects of the Academic programs and suggest improvements.
2. To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation.
3. To discuss the initiatives taken to sensitize/promote Research climate in the Institution.
4. To discuss the increase in infrastructure facilities and library facilities as Learning Resources.
5. To discuss Student Support services and its progression offered by the college.
6. To discuss improvement strategies adopted by the Institution for Academic and Infrastructure developments (Governance, Leadership and Management)
7. To discuss the innovations introduced during this academic year which have created a positive impact on the functioning of the Institution.
8. To discuss the action taken by the departments on the actionable points identified in the previous meeting.
9. To discuss strategies for implementing future plans of action for the year 2020-21.
10. Any other point with permission of the chair.

The following dignitaries were present for the meeting:

Sr. No	Name of External members	Designation
1.	Mr. Sharad Tiwari	Associate consultant, TCS
2.	Dr. Radha Shrinivas	IQAC Co-ordinator, University of Mumbai
3.	Dr. S. M. Ganechari	Principal-T Poly
4.	Mr. Neeraj Yadav	Alumni

Sr. No	Name of Internal members	Designation
1.	Dr. B. K. Mishra - Principal	Chairperson
2.	Dr. R. R. Sedamkar	Director of the IQAC
3.	Dr. Rajesh Bansode	IQAC coordinator
4.	Dr. Deven Shah	Vice Principal
5.	Mr. V.N. Dutta	TEG Advisor



6.	Dr. Kamal Shah	Dean (R&D)
7.	Dr. Lochan Jolly	Dean (SSW)
8.	Dr. Sheetal Rathi	PG- HOD Computer Engineering
9.	Dr. Zahir Alam	Training and Placement Officer
10.	Mr. Anil Vasoya	In-Charge HOC Cell
11.	Dr. Sanjay Kumar	Faculty Member
12.	Dr. Payal Saha	Faculty Member
13.	Dr. Bijith Marakarakandy	Faculty Member
14.	Dr. Harshali Patil	Faculty Member
15.	Dr. S.C Patil	Faculty Member
16.	Dr. Siddesh Siddappa	Faculty Member
17.	Dr. Seema Jagtap	Faculty Member
18.	Dr. Sunita Pachori	Faculty Member
19.	Ms. Poorva Waigankar	IQAC Member
20.	Mr. Vimal Gosar	IQAC Member
21.	Ms. Purnima Chandrasekar	IQAC Member
22.	Ms. Ashwini Shanbhag	IQAC Member
23.	Dr. Vikas Kaul	IQAC Member
24.	Ms. Shweta Sureshkumar	IQAC Member
25.	Dr. Megharani Patil	IQAC Member
26.	Mrs. Vidyadhari R. Singh	IQAC Member
27.	Mr. Jayant Patil	IQAC Member
28.	Mr. Omkar Sawant	Student Member (COMP)
29.	Mr. Jignesh Jain	Student Member (CIVIL)
30.	Mr. Lance D'Silva	Student Member (MECH)
31.	Ms. Agrima Gupta	Student Member (E&TC)
32.	Mr. Jhanavi Shetty	Student Member (IT)
33.	Mr. Omkar Chaudhary	Student Member (ELEX)
34.	Mr. Uday Waskar	Administrative member
35.	Mr. Shailesh Chavan	Administrative member

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

The meeting began by IQAC Director, Dr. R. R. Sedamkar welcoming all to the IQAC meeting. He briefed about the agenda and requested Principal Sir, to welcome and give the opening remarks for the meeting.

The Principal started briefing about the quality and its importance for the institutions these days. He further added that this quality is to be supplemented with the relevance also, because if programs or the courses are not relevant to the industry, we may not be fulfilling the demands of the industry which is equally important. Therefore, we must work for quality and relevance, which is the need of the hour.

He further informed that the admission process was delayed by almost six months because of the pandemic. Overwhelming response was received for all the courses including the new



courses which include the B.Tech. degree in IoT, Artificial Intelligence & Data Science and Artificial Intelligence and Machine Learning and the intake of 150 was filled. He further added that we were expecting around 90% admission, but we reached around 95 % which is a great achievement for the Institute. In spite of the pandemic where the other institutions are struggling for filling up these seats, TCET was able to fill up the 90% of the seats as per the intake sanctioned by the AICTE.

He further explained that because of the pandemic many things including teaching, learning and examinations were streamlined in online mode and all the connected stakeholders including students were very much satisfied with the way the institute is functioning, the teaching learning is carried out, the examinations are conducted and the results are also declared in time for all the students including ATKT students.

He also informed that the academic calendar is designed in such a way that provision for co-curricular and extracurricular activities is made by adjusting the timetable where the academic activities get over by two o'clock and after two o'clock, there may be the provision for co-curricular and extracurricular activities. He also said that some of the activities may be in the physical format also as the colleges are likely to be opened from 15<sup>th</sup> February. Everything will be planned as per the circulars of Government.

He also informed that as far as infrastructure is concerned, two wings are ready and third wing is expected to be ready by April or May with which we may be having the best of the infrastructure not only in the city, but maybe in the country. He mentioned that for the institution not only the infrastructure is important but work culture, competitive edge, quality education etc. are equally important. Therefore, we are working on all the fronts so that we can provide the best of everything to every student who ever are coming to our campus.

He also said that we have conducted the technology conference in the month of November and Multicon W 2021 is scheduled on 26<sup>th</sup> and 27<sup>th</sup> February 2021, which is mainly to promote the research culture in the campus.

The meeting was then taken forward by Dr. R. R. Sedamkar. He enquired from all present whether the minutes of the previous meeting were read and whether it could be passed. On getting the approval to pass the minutes of the previous meeting, Dr. R. R. Sedamkar also informed that based on the suggestion received from Principal sir IQAC report for second quarter is prepared, for the period of 1<sup>st</sup> of October to 31<sup>st</sup> of December, which includes the activities conducted by all the departments, sections and the same will be shared today by all the concerned members. With this the meeting proceeded towards the discussion of the agenda points which were as follows:



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Agenda	Details
<p><b>1&amp; 2</b></p>	<p><b>To discuss the Curricular Aspects of the Academic programs and suggest improvements.</b></p> <p><b>To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation.</b></p> <p><b>Points Discussed:</b></p> <ul style="list-style-type: none"> <li>• Dr. Payal Saha said that all the activities including academic, co-curricular, theory and practical examination were conducted in online mode. ATAL FDP, titled “Photonics for green energy demand” was conducted in which 141 in house and out house registrations were received. A conference titled IC-PAGE 2020 was organized on 27<sup>th</sup> and 28<sup>th</sup> of November with the theme “Photonics and its applications in green energy” in which 13 papers were received.</li> <li>• Dr. Bijith Marakarkandy said that all the activities including academic, co-curricular, theory and practical examination were conducted in online mode. ATAL FDP titled “Quantum Computing” was also conducted. A conference titled EC-AI &amp; ML 2020 was organized on 27<sup>th</sup> and 28<sup>th</sup> of November with the theme “Artificial Intelligence and Machine Learning” in which 29 papers were received. Industry practitioners and researchers were invited in the classroom to co teach the students for almost all subjects.</li> <li>• Dr. Harshali Patil said that the Computer department has got three out house projects and students have also started internship at Intershala. The core faculty members have applied for seven IST awards. Two consultancy projects were received and also USDA and AWS tracks from the computer department along with IT department in a student exchange program were offered. Alumina interaction was also organized to understand the role of data scientists or ML engineer for AI and Data Science specialization students. Department level hackathon on machine learning was also organized. Different tools like word clouds, crossword puzzles and quizzes were used for better teaching learning process. Four groups participated in</li> <li>• Dr. S. C. Patil said that all the activities including academic, co-curricular, theory and practical examination were conducted in online mode. A conference titled IoT-SIAC 2020 was organized on 27<sup>th</sup> and 28<sup>th</sup> of November with the theme “Social, Industry, Analytics and Communication” in which 12 papers were received. Syllabus preparation for B.Tech. IoT is completed and is submitted to University as well as AICTE. Also, we have proposed one syllabus for B.E. Electronics IoT. Various projects were completed in which one was industry level collaboration with mechanical department. IIC submission of project was conducted and total four prototypes selected. Four projects participated in Swadeshi Microprocessor Challenge. One of the students Mr Gaurang Vishwakarma was selected for</li> </ul>





training at IIT Madras and if selected in final round, his project will be entitled to grant by central government. Nine faculties participated in UHV Program.

- Dr. Siddesh Siddappa said that conference titled Industry 4.0 was organized on 27<sup>th</sup> and 28<sup>th</sup> of November in which 5 papers were received. Finite element methods are introduced as a part of professional skill to analyze the mechanical problems. To create an e-learning community, lectures were uploaded on the YouTube and specialization courses like robotics, power plant engineering and pressure vessel design are offered. Student national initiative program was conducted and students were trained for building structure and design using the SolidWorks.
- Dr. Seema Jagtap said that all the activities including academic, co-curricular, theory and practical examination were conducted in online mode. Technical seminars and virtual Industrial Visits were organized. A conference titled EC-GTS 2020 was organized on 27<sup>th</sup> and 28<sup>th</sup> of November with the theme "Green Technology and Sustainability" in which 14 papers were received. She also added that NBA visit for the department is pending and the department is preparing for the same.
- Dr. Sunita Pachori said that the department conducted the admission related activities for the 12<sup>th</sup> standard students and the 12<sup>th</sup> standard passed students as well as for the 11<sup>th</sup> standard student like STEM PROMO activities and engineering symposium. Resource book for all the subjects are complete which includes YouTube links of all the videos. Most of the faculty members have completed ATAL FDPs. A new format for evaluation and assessment in the first year is planned where 60 marks is allotted for the semester examination and the 40 marks is split into 20 marks for IA (which will be conducted as three formative assessments and average of the best two will be considered) and the remaining 20 is reserved for innovative examination which will be assessed by various tools.
- Dr. Sheetal Rathi said that the for PG courses there are three subjects , one professional elective and open elective in the semester, which the students were supposed to do through various MOOC platform. Students had also enrolled for various courses and got the certificates. Additional facility of 25 hour workshop was provided for Electrical professional elective subject. For the open elective, business analytics, two webinars series were conducted by industry experts. Various activities like how to conduct effective research for dissertation presentation were conducted. Industry mentors to each and every student are allotted. Technical seminar on High Performance Computing was also conducted. The students were also given a glimpse of how to make effective presentation using various tools, and as many of our students are from vernacular background an image consultant was invited for a session on improvising their verbal communication skills. Out of eight students, seven students have done the six month industry internship were they will be



completing the internship by this month end. Webinar was organized were Meghana Amin, who is the alumni of TCET was the speaker.

- Dr. R.R.Sedamkar requested the suggestions on both the agendas from the members.
- Mr. Sharad Tiwari appreciated all the efforts taken by all for the effective implementation of online teaching learning process and said that we are doing a fabulous job.
- Dr. S. M. Ganeshari said that training and placement cell should have meeting with industries which will increase industry institute interaction.
- In reply, Dr. R. R. Sedamkar informed that we will be presenting the internal benchmarking where all will come to know about which departments are doing good and which departments can catch up with the departments which are doing good
- Student members also shared their inputs with respect to above agenda which mentioned below:
  - Ms. Jhanvi Shetty, Student Member (IT) said that everything is going great with respect to industry interactions and discussions with the faculty members. She also mentioned about different seminars the core committee is organizing.
  - Mr. Omkar Sawant, Student Member (COMP) said that student needs to be given an option of selecting their language and the main focus should be on understanding the concepts and building more concepts rather than learning 'n' number of languages as students end up making only applications when multiple languages are introduced in different semesters, and their conceptual development about the technology is not as strong or is not in depth.
- Dr. R. R. Sedamkar also informed about the student satisfaction survey that was conducted for previous semester for 3194 students in which 1886 students responded.
- Dr. B.K. Mishra mentioned that under autonomy, we have the flexibility and therefore needful improvements have to be done over a period of time with respect to curriculum aspect, a framework has to be developed and deployed so as to maintain uniformity across the institute at the same time ensure the quality and the relevance. Replying to Mr. Omkar Sawant's suggestion he said that we have to see the industry requirement, professional requirements and the research requirements and then maybe we can map them all and offer the best curriculum to the students. He also mentioned that we have mapped our teaching learning process with Bloom's taxonomy. We are already meeting the first three levels of Bloom's taxonomy and beyond that, are not addressed through the curriculum and therefore, we have to see that all the higher order skills can be developed for the students, so that the students will develop applications or technology they want. So, the articulation and dissemination of academic programs are required to be developed, which we



are working and trying to incorporate. As everyone today wants either Computer or IT branch and everyone cannot be accommodated, so the basic requirement is that every student should be ready for IT industry and branch specific jobs as well. And therefore, this layered structure for curriculum is very important.

- Dr. B.K. Mishra also said that preparing the students for the competitive advantages, strategic positioning and having a delightful carrier should be the objective of innovative examination. Creative writing, article writing documentation skills, project developments and application development can be included under innovative examination. He said all these are to be introduced based on the curriculum.
- Dr. R. R .Sedamkar informed all the HODs to take the inputs given by Principal Sir and prepare accordingly for Board of Studies meeting scheduled next week.
- **Action Taken:**
  - a) The E&TC dept. has conducted ATAL FDP, titled “Photonics for green energy demand” and a conference titled IC-PAGE 2020 was organized on 27<sup>th</sup> and 28<sup>th</sup> of November, 20 with the theme “Photonics and its applications in green energy”.
  - b) The IT dept. has conducted ATAL FDP titled “Quantum Computing” and conference titled EC-AI & ML 2020 organized on 27<sup>th</sup> and 28<sup>th</sup> of November, 20 with the theme “Artificial Intelligence and Machine Learning.
  - c) Computer department has got three out house projects and students have also started internship at Intershala.
  - d) Electronic dept. conducted conference titled IoT-SIAC 2020 was organized on 27<sup>th</sup> and 28<sup>th</sup> of November,20 with the theme “Social, Industry, Analytics and Communication”
  - e) Mechanical Dept. conducted conference titled Industry 4.0 was organized on 27<sup>th</sup> and 28<sup>th</sup> of November,20
  - f) A conference titled EC- GTS 2020 was organized on 27<sup>th</sup> and 28<sup>th</sup> of November with the theme “Green Technology and Sustainability”

**Compliance : Complied**

- **Actionable Points:**
  - a) Training and placement cell should have meeting with industries which will increase industry institute interaction
  - b) To prepare the students for the competitive advantages, strategic positioning and having a delightful carrier should be the objective of innovative examination.



Agenda	Details
3	<p data-bbox="352 371 1390 450"><b>To discuss the initiatives taken to sensitize/promote Research climate in the Institution.</b></p> <p data-bbox="352 483 592 517"><b>Points Discussed:</b></p> <ul data-bbox="400 555 1390 1989" style="list-style-type: none"><li data-bbox="400 555 1390 801">• Dr. Harshali Patil said that during Research based learning activity different sessions like prototype development, statistical methods, problem solving and technical paper writing were conducted. Sessions were also conducted to make students aware about the consultancy projects and good projects under RBL are identified for consultancy. She also mentioned that one project was selected for IEDC grant.</li><li data-bbox="400 813 1390 1104">• Dr. Payal Saha said that during the RBL sessions, the students were taught to write technical blogs and they have been shown to create a prototype for their RBL project. She also mentioned that one project was selected for IEDC grant and they have completed all the work related to their project which is in the area of preparing a sanitization chamber regarding the COVID environment. All the students are encouraged to publish technical papers in the upcoming MULTICON conference.</li><li data-bbox="400 1115 1390 1440">• Dr. Bijith Marakarakandy said that the department and Dean R&amp;D had the discussion with the Dean and HOD of Wolverhampton University and they have agreed that if we have expertise in the projects their students are working then we will be in some position to guide them and vice versa relationship. So, in machine learning, they have a lot of experts and they are going to guide our students for projects and some of them from that university may be coming to India to IIT Bombay during which, they will also physically come and interact with us.</li><li data-bbox="400 1451 1390 1485">• Dr. R.R.Sedamkar requested the suggestions from the members.</li><li data-bbox="400 1496 1390 1653">• Mr. Sharad Tiwari suggested that we can study and take the guidelines from renowned institutes as to how they conduct research. He said that we can develop contacts, build rapport with them and maybe something good will come out of that.</li><li data-bbox="400 1664 1390 1742">• In reply Dr. R. R.Sedamkar said that we should collaborate with some research organizations.</li><li data-bbox="400 1753 1390 1989">• Ms. Jhanvi Shetty, Student Member (IT) mentioned about the coding groups that students have which helps them in their issues related to coding, thus involving the students in that. She suggested that the same can be done for research, like four to five students who are interested in research create a group and let other department students know about it so that more and more students can get involved as students telling</li></ul>





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	<p>students will be more influential. She also mentioned that all the activities planned under RBL are good.</p> <ul style="list-style-type: none"> <li>• Dr. Sheetal Rathi said that industry mentors are allotted to all students for their project to promote research culture in PG so that the guidance can come from the industry mentors on the latest technologies which have been implemented.</li> <li>• <b>Action Taken:</b> <ol style="list-style-type: none"> <li>a) In Computer Dept. during Research based learning activity different sessions like prototype development, statistical methods, problem solving and technical paper writing (UG) were conducted.</li> <li>b) In E&amp;TC dept. during the RBL sessions, the students were taught to write technical blogs and they have been shown to create a prototype for their RBL project.</li> <li>c) Industry mentors are allotted to all PG students for their project to promote research culture in PG so that the guidance can come from the industry mentors on the latest technologies.</li> </ol> </li> </ul> <p><b>Compliance: Complied</b></p> <p><b>Actionable points:</b></p> <ol style="list-style-type: none"> <li>a) In IT Dept., the interaction held is to support students of with Wolverhampton University to complete their projects as per our faculty technical expertise.</li> <li>b) Need to study and take the guidelines from renowned institutes so as to understand how to conduct effective research</li> <li>c) Research Clubs to start as coding clubs at department/institute level</li> </ol>
<p><b>Agenda</b> <b>4</b></p>	<p><b>Details</b></p> <p><b>To discuss the increase in infrastructure facilities and library facilities as Learning Resources</b></p> <p><b>Points Discussed:</b></p> <ul style="list-style-type: none"> <li>• Dr. B.K. Mishra gave details regarding infrastructure facilities as there is a plan to put it on 20 to 25 workstation in that idea center. There will be total 200 computers along with the electronic works up with all standard tools and equipment's, there will be facility for the PCB fabrication also. Sir added 50% cost has to be borne by institute and 50% will come from the ICT. 4000 square foot area is reserved around for the purpose on the 5th floor, for the research, some of the lab from second floor to the third floor are reserved,</li> </ul>



third floor classrooms are been shifted to the sixth and seventh floor. The basic objective behind is to strengthen the ICT infrastructure online examination can be conducted at the same time the training can be provided online, so that the online content, the students can also have the access when the physical classroom teaching is done. All those facilities are been created in the classrooms as well as laboratories are been improved. Today the infrastructure will be able to support an on time 5000 students, There are around 3500 students as on date, and maybe over the years, we'll reach to 4000. So, even for five to seven years, our infrastructure will be enough to support the quality education, the training and the research activities. An important point that was pointed out in the previous agenda about the research culture, which is basically the promotion of research culture,. To develop research culture some clubs are developed, like coding club technologic clubs, personality development club which is basically the SWORT club is already established. capture Club, which is basically the audio video club is also been started. So, this literary club also we have introducers we have the three clubs and now we are working on the technological front where we are going to have the coding clubs, we are going to have the technologic club, maybe the product development club, all these things we are going to have in future and the facilities are going to be developed for that. There are many students participating in at national level or the international level in various project competitions and they need the infrastructure and financial support. And at the same time, they also need the proper guidance from the faculty member work is been carried in this regard. Sir, added in future we might be able to provide them best of facilities, which will not only promote the research or the project development or depart outside participation, but it will lead to the holistic and the multidisciplinary learning attitude among the students, which is going to help them for lifelong learning.

- With this Dr. B.K Mishra requested to go ahead with next agenda

**Action Taken:**

- a) 4000 square foot area is reserved around for the purpose on the 5th floor, for the research, some of the lab from second floor to the third floor are reserved, third floor classrooms are been shifted to the sixth and seventh floor.
- b) There will be total 200 computers along with the electronic works up with all standard tools and equipment's, there will be facility for the PCB fabrication.

**Compliance: Complied**



**Agenda  
5**

**Actionable Points:**

- a) Plan is to put it on 20 to 25 workstation in that idea center
- b) To develop research culture some clubs are developed, like coding club technologic clubs, personality development club which is basically the SWORT club is already established. capture Club, which is basically the audio video club

**To discuss Student Support services and its progression offered by the college.**

**Points Discussed:**

- Dr. R.R.Sedamkar started with 5th agenda stating that fifth agenda includes following points to be discussed for Student Support Services student progression offered by the college
  - By examination cell
  - By training placement cell
  - By Higher Education cell

Dr. R.R.Sedamkar requested In-charges of all the cell's to put forth there work carried out

- Dr. Sanjay Kumar sir replied for the activities carried for examination cell, in December 2020 exams for the students of 2nd year, 3rd year, and 4th year were conducted. It was started from the 17th of December, and regular exam was conducted till the 28th of December, and within 10 to 12 working days, results were declared i.e on 13th of Jan. ATKT exams was also conducted from 2nd to 9th January, and the result was declared till 20th January. The exam was conducted as per the university guidelines that 50% was objective type and 50% was subjective. All the results of all the branches were more than 95%. Grade card also distribution will be done to students starting in a week's time
- Mr.Namdeo Badhe gave information for the activities carried by training and placement cell. Adding to which he told in the last quarter, there were 533 students interested in the placement and out of 533 to 226 students placed marking up to 42%. Employability skill development program was carried for the last semester, out of 747 students 692 students were able to complete the complete evaluation part. ESD for a third year student was conducted (from 1st Feb 2020 to 6th 2020) and the title of



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the ESD awards feature extra development. Sir added as per inputs received by Dr.Devan Shah ( vice principal), there was a revision in syllabus and industry requirements like a JavaScript , Angular JS , progressive web application was involved, In these sessions case, total 801 students were enrolled for the program and out of 801, 80% of our students were present for the program. For second year students ESD will be conducted from 8th to 13th of Feb 2020. For the second year student two title are recognised “expert python programming and Python for IoT”.

- Mr.Anil Vasoya gave information for the activities carried by Higher Education Cell. He added a total of 2840 Coursera license was issued to all students and staff and they have completed 9200 plus courses on Coursera till date and as well as we are handling another online chapter that is NPTEL. So we are a part of NPTEL local chapter and under that chapter 256 certification done by our students and faculties. In last semester an FDP was conducted under the FOSS in IIT Bombay chapter Spoken Tutorial, where 400 plus faculty were completed their FDP under this chapter. Apart from this, one to one counseling was also conducted for final year students those who had given concern for a higher education. And with help our internal faculty and outside counselor, total 157 students participated students were interacted on one to one basis on zoom. Virtual Edufair was aslo conducted in association with Imperial where invited more than 60 foreign University delegates from US, Canada and Australia were invited. Around 320 plus students have participated and they’ve interacted with foreign University delegates in virtual mode, as well as our college ILTES local chapter of British Council. One session on how to score good band in ILTES exam was conducted. Around 200 plus participated in this session.
- Dr. R.R.Sedamkar requested Mrs.Poorva Waingankar to brief about the activities conducted under student progression offered to students
- Mrs.Poorva Waingankar giving about the insight about the activities conducted added that to pandemic cultural activities such as, poetry, recitation or the solo dance, that could be carried on online platform like singing or showcasing their talent in some other way were conducted. Panelists have evaluated one minute or two minutes videos which students have made. Poorva madam added about activities carried by Rotaract club of TCET, under this club students are taking part in many initiatives, like conducting seminars, how to like boost your moral even sitting at home, stress management sessions were also provided by external speakers . And now when things are easing away, students are





participating in some outside activities as well by taking proper measures, which are a little far from Mumbai, where they go and teach and train students.

- Dr. R.R.Sedamkar informed that with a very innovative way has been identified by eight or nine areas, for specialized activities and for each activity heads are been created. They focus on their activity, how the student's personality can be built. For student's holistic development, there are heads who are personally taking care of the students progression, report for that will put up in the next cycle.
- Sir requested suggestions on these four above said descriptions
- Ms. Radha madam replied that most of the points are addressed and there is a lot of progress and she appreciated team work that despite all shortcomings we had, because of the pandemic, she congratulated principal Sir and team members
- Dr. R.R.Sedamkar thanking Madam, Requested for suggestions from the students members to find weaknesses in the students progression examination, then evaluation process, then the higher studies offerings and how can they be supported from placement cell through employability skill development and their own personality development holistically
- Mr.Sharad Tiwari replied all the activities were handled very effectively and is really commendable.
- Ms.Jhanvi replied ESD should be carried in a separate week should be allotted for ESD where later on a small evaluation that has been taught on that particular day to be carried on. Which will be really helpful for getting that what we have understood from the topics that has been taught and taught on that particular day.
- Dr.B.K Mishra replied for the statement made by Ms. Jhanvi that of 15 weeks' time is available and there is a short fall of weeks. Practical's are not conducted for all the 15 weeks, they may be conducted for up to 10 weeks. And therefore, there weeks could be utilized for these type of activities, Sir added maybe from next semester onwards, the things can get streamlined. Principal sir added to complete up all these activities in stipulated time temporary adjustment was done. So that semester can be to started from 1st July, 2021.

**Action Taken:**

- a) The exam was conducted as per the university guidelines that 50% was objective type and 50% was subjective. All the results of all the branches



were more than 95%. Grade card also distribution will be done to students starting in a week's time

- b) 533 students interested in the placement and out of 533 to 226 students placed marking up to 42%. Employability skill development program was carried for the last semester, out of 747 students 692 students were able to complete the complete evaluation part. ESD for a third year student was conducted (from 1st Feb 2020 to 6th 2020) and the title of the ESD awards feature extra development.
- c) A total of 2840 Coursera license was issued to all students and staff and they have completed 9200 plus courses on Coursera till date.
- d) Poorva madam added about activities carried by Rotaract club of TCET, under this club students are taking part in many initiatives, like conducting seminars, how to like boost your moral even sitting at home, stress management sessions were also provided by external speakers

#### **Compliance: Complied**

#### **Actionable points:**

- a) ESD should be carried in a separate week should be allotted for ESD where later on a small evaluation that has been taught on that particular day to be carried on.
- b) Out of 15 weeks' time is available and there is a short fall of weeks. Practical's are not conducted for all the 15 weeks, they may be conducted for up to 10 weeks. And therefore, these weeks could be utilized for completing ESD type of activities,

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#### **To discuss improvement strategies adopted by the Institution for Academic and Infrastructure developments (Governance, Leadership and Management)**

#### **Points Discussed:**

Principal Dr. B.K. Mishra mentioned about ISO system revamping with new guidelines (100% autonomy compliance by next academic year) and targeting 100% seats for admission. He also mentioned about improvement in teaching learning, student performance, placement and Choice based credit grading system with holistic student development. He also mentioned about emerging areas to be strengthened.

#### **Action Taken: NA**

#### **Actionable Points:**



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- a) ISO system revamping with new guidelines
- b) The improvement in teaching learning, student performance, placement and Choice based credit grading system with holistic student development

**To discuss the innovations introduced during this academic year which have created a positive impact on the functioning of the Institution.**

### Points Discussed:

Some of the Department Heads shared their innovations.

- Dr. Payel Saha mentioned about giving remote access of computers to students for conducting laboratory sessions in one of the subjects as some of the software tools were not available for students. Also Dr. Payel mentioned about use of padlets, zoom polls etc. during teaching by many faculty members.
- Dr. Bijith mentioned about performing audit of department related to availability of PCs and other resources, checking of PCs- student ratio and all the licensed and system software etc. Regarding infrastructure he informed that department has identified various areas for improvement in the near future like requirement of dedicated computers for NPTEL, Swayam courses and Wi-Fi connectivity. Department also taken up efforts to teach using pen tablets, so that all mathematical subjects could be dealt with appropriately because showing slide doesn't help in this case. He also mentioned that the library facilities will be improved in coming semester.
- Mr. Vimal Gosar briefed about initiatives taken by ES&H department in First Year. He mentioned that teachers are using pen tablets and it is helping for mathematical subjects, Chemistry and Physics and Engineering Graphics. Faculty have created the videos of all the numericals that are supposed to be solved during online sessions and have uploaded them on YouTube, so that students can go through that and the use of instruments is also shown in these videos. So, the students are getting engaged and they can learn even when they are not physically present in the classroom.
- Dr. R R .Sedamkar requested all the Heads of Department to measure the impact for whatever initiatives are taken and asked to do an indirect and direct measurement through which assessment can be done. He mentioned that during teaching learning or research & development if any



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faculty has employed any methods for the study of student's progression with impact study then that can be put up in the next cycle.

**Action taken:**

- a) In E&TC dept. remote access of computers to students for conducting laboratory sessions in one of the subjects as some of the software tools were not available for students.
- b) The IT Dept. has performed audit of department related to availability of PCs and other resources, checking of PCs- student ratio and all the licensed and system software etc. Regarding infrastructure he informed that department has identified various areas for improvement in the near future like requirement of dedicated computers for NPTEL, Swayam courses and Wi-Fi connectivity.
- c) In ES&H department pen tablets were used which helped for teaching mathematical subjects, Chemistry and Physics and Engineering Graphics.

**Compliance: Complied**

**Actionable points:**

- a) HODs were informed to measure the impact for whatever initiatives are taken and asked to do an indirect and direct measurement through which assessment can be done.

**To discuss the action taken by the departments on the actionable points identified in the previous meeting.**

**Points Discussed:**

Dr. R R Sedamkar mentioned that the action taken report is already presented by all HODs and the same is put up. He further asked for any suggestions. He also mentioned about lot of insights received from student satisfaction where overall satisfaction level was found to be around 75%. So, he requested all the Department Heads to look at the 25% which are below satisfaction level and efforts to be taken to improve the system.

**Action taken:**

- a) Student satisfaction was carried out and overall satisfaction level was found to be around 75%.





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- b) Previous meeting actionable points were as action taken points in current meeting.

**Compliance: Complied**

**Actionable points:**

- a) Department Heads to look at the 25% which are below satisfaction level and efforts to be taken to improve the system

**To discuss strategies for implementing future plans of action for the year 2020-21**

**Points Discussed:**

Dr. R R Sedamkar invited Heads of the Departments to brief on **actionable points**. The information shared by HODs is as given below.

- Dr. Siddesh Siddappa mentioned that the Mechanical Department is planning to
  - a) publish research papers in areas of energy management ,solar energy, production and quality management.
  - b) develop the projects that address the industrial and societal issues.
  - c) Provide online and offline learning resources to students appearing for the Gate examination.
  - d) Conduct effective online teaching learning with experiments in virtual mode and classroom quiz sessions.
- Dr. Seema Jagtap mentioned that the Civil Department is planning to strengthen curricular and co-curricular activities, have the crash course for students willing to prepare for the gate and publish research papers in good journals.
- Dr. S C Patil mentioned that the Electronics department is planning to focus on research, projects in the areas of EDC and IIC. He also mentioned that currently IoT syllabus is being designed.
- Dr. Harshali Patil mentioned that Computer dept. is planning to strengthen research activities through the formation of clubs for different domains. The dept. has formed special interest group where feedback and inputs from different stakeholders is taken for latest innovations in subject and to bridge the gaps in the existing syllabus. To enhance the effectiveness of the online academic delivery and blended teaching learning, e-content is properly developed. For the effectiveness of RBL



the dept has involved experienced and senior faculty to conduct different sessions.

- Dr. Payel Saha mentioned that the E&TC dept. is planning to incorporate industry people in designing few modules of the syllabus and these modules will be covered by them only as a visiting faculty. She also mentioned that dept. has planned three technical seminars for students in this semester. Three international papers are received for upcoming International Conference. She informed that inputs were taken from students and incorporated in planning various activities, framing of the titles for ABL,PBL etc. She also mentioned that due care was taken so that all the domains get equal number of projects.
- Dr.Bijith M mentioned that for effective teaching learning IT department under the present situation where there is a lot of uncertainty is planning to identify six locations with necessary infrastructure where simultaneously teachers can take lectures without any disturbance. Faculty members have been asked to make a study report before preparation of the curriculum, and people from other universities will be involved in preparation of syllabus. Dept is taking into consideration AICTE model curriculum, the Mumbai University curriculum, curriculum of premier Institute's like IIT and IISC and foreign universities and the requirements of other stakeholders like industry.
- Dr. B. K. Mishra while discussing about sustenance related to UG and PG courses mentioned that from the next A.Y. onwards
  - The important point is to fill up the postgraduate seats for all the three courses and then to develop sustainable PG programs. Therefore, the faculty and the administration need to work together for making it successful and develop strategy for its effectiveness.
  - The next point is to recalibrate non popular courses in the UG programs. He mentioned that there may be need of renaming some of the courses while traditional courses need to be related to Computer courses. With this strategy, there would be consistent demand for all the courses at the same time and all the courses would become agile. He also mentioned that the courses should be mature enough to not only offer the fundamentals of the application oriented knowledge, but must provide the specialization which is possible in the institute under entrepreneurship development programme.



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- He further mentioned that the competitiveness in curriculum should be maintained by considering local as well as global needs. He informed that with the help of new infrastructure institute is looking forward to start some postgraduate diploma or diploma courses. HODs at the postgraduate level and the UG can work together to develop the diploma and the postgraduate diploma courses for industry readiness, employability skills development etc.

He concluded by mentioning that all these areas can be explored with the help of TICA which is our sister concern and these are some of the future plans.

**Action taken: NA**

**Actionable points: As mentioned to be complied in next meeting**

**Compliance: Complied**

**Any other point with permission of the chair.**

**Points Discussed:**

- Dr. S. M. Ganechari while initiating the discussion about starting physical classes mentioned about taking consent from students and parents for attending college in physical mode.
- Student's representatives showed their concern about travelling issues for students who stay at far distance and they mentioned about students wanting to attend practical sessions in college.
- Dr. B. K. Mishra and Dr.R R.Sedamkar said that in this regard TCET would follow the guidelines given by UOM.

As there were no other points, Dr.R.R.Sedamkar thanked all members and concluded the meeting.



	<ul style="list-style-type: none"><li>• <b>Action taken:</b><ol style="list-style-type: none"><li>a) Guidelines given by university of Mumbai (UoM) are followed for academic conduct of classes in online mode</li></ol></li><li>• <b>Actionable Points:</b><ol style="list-style-type: none"><li>a) Students wanting to attend practical sessions in college as per guidelines of UoM.</li></ol></li></ul>
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The meeting was ended with a vote of thanks by Dr. R.R. Sedamkar to all members present.

**Sd/-  
Prepared By**

**Sd/-  
Checked By**

**Sd/-  
Verified By**

**Sd/-  
Reviewed &  
Recommended by**

**Sd/-  
Approved By**

**Ms.Poorva  
Waingankar  
Dr.Vikas Kaul  
Ms. Ashwini  
Shanbagh  
Ms.Swetha Kulkarni**

**IQAC Members**

**Dr. Rajesh Bansode  
IQAC Co-ordinator**

**Dr. R.R. Sedamkar  
IQAC Director**

**Dr. Deven Shah  
Vice-Principal**

**Dr. B. K. Mishra  
IQAC Chairperson**