Date: 14/10/2022

Minutes of NAAC- IQAC Committee Meeting held on 22nd September 2022 at 3:00 pm through zoom online platform

Purpose of the meeting: To approve previous IQAC minutes of the meeting held on 20thApril 2022 and discuss the initiatives taken during the previous quarter (April to June 2022) and the quality initiatives to be taken in the next quarter (July to September 2022).

<u>Agenda:</u>
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 development, consultancy and entrepreneurship 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 2022-23.
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 Srinivasan	IQAC Coordinator, University of Mumbai
3.	Mr. Neeraj Yadav	Alumni
4.	Dr. S. M. Ganechari	Principal-TPoly

Sr. No	Name of Internal members	Designation
1.	Dr. B. K. Mishra	Principal & Chairperson, IQAC
2.	Dr. Kamal Shah	Vice Principal, Special Invitee
3.	Dr. R. R. Sedamkar	Director, IQAC
4.	Dr. Rajesh Bansode	IQAC Coordinator

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5.	Mr. V.N. Datta	TEG Advisor
6.	Dr. Vinit Kumar Dongre	Dean (R&D)
7.	Dr. Lochan Jolly	Dean (SSW)
8.	Dr. Sheetal Rathi	Dean Academic
9.	Dr. Zahir Aalam	Training and Placement Officer
10.	Dr. Anil Vasoya	In-Charge HOC Cell
11.	Dr. Sanjeev Chaudhary	Controller of Examination
12.	Dr. Payel Saha	HOD-E&TC
13.	Dr. Sangeeta Vhatkar	I/C HOD-IT
14.	Dr. Harshali Patil	HOD-COMP
15.	Dr. Sanjay Patil	HOD-ELEX
16.	Dr. Siddesh Siddappa	HOD-MECH
17.	Dr. Seema Jagtap	HOD-CIVIL
18.	Dr. Sunita Pachori	FE In-Charge-ES&H
19.	Dr. Megharani Patil	HOD-AI&ML
20.	Dr. Vidyadhari Singh	I/C HOD-Computer Science and Engineering (Cyber Security)
21.	Dr. Prachi Janrao	HOD-AI&DS
22.	Dr. Sujatha Alegavi	HOD-IoT
23.	Ms. Purnima Chandrasekar	IQAC Member
24.	Ms. Ashwini Shanbhag	IQAC Member
25.	Dr. Aditya Desai	IQAC Member
26.	Mr. Jayant Patil	IQAC Member
27.	Ms. Swetha Suresh Kumar	IQAC Member
28.	Ms. Jyoti Kori	IQAC Member
29.	Mr. Shivram Poojari	IQAC Member
30.	Mr. Dheerav Nahar	Student Member (CIVIL)
31.	Mr. Kunal Pawar	Student Member (ES&H)
32.	Mr. Ankur Kulkarni	Student Member (COMP)
33.	Mr. Kamal Choudhary	Student Member (E&TC)
34.	Ms.Vaishnavi Patil	Student Member (MECH)
35.	Mr. Prabhat Shukla	Student Member (AI & ML)
36.	Mr. Uday Waskar	Administrative member
37.	Mr. Shailesh Chavan	Administrative member

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Welcome to all the members present:

The meeting began with IQAC Director, Dr. R. R. Sedamkar welcoming all to the IQAC meeting. He said that as a policy decision last year, the external peer team is also invited to join this meeting as the academic performance audit report will be shared and finalized to be sent to UGC. He then said that Dr. Anilkumar Singh is on an official visit to Delhi and has requested leave of absence and Dr. P P Bhave will be joining in some time. He then informed about the changes in the constitution of IQAC cell with Dr. Sheetal Rathi as the Dean Academic and Dr. Vinit Kumar Dongre as the Dean R&D, Dr. Megharani Patil, Dr. Vidyadhari Singh, Dr. Prachi Janrao and Dr. Sujatha Alegavi, got elevated to Associate Professor and they became HOD of the Emerging branches and have joined the meeting.

He then enquired from all present whether the minutes of the previous meeting which were read and could be passed. The previous minutes for the IQAC meeting held on 20th April 2022 were confirmed. He also mentioned that all the suggestions given by the members were incorporated and the minutes of the meeting will be put on the website as per policy.

He then informed the external peer team, as per the constitution of UGC constituted by IQAC, has completed the academic performance one-day audit this year and has given their report which will be shared with all in due course of time. He then said that the external peer team met all the departments and the sections on 29th August 2022 and some of the major suggestions were given to Departments, Deans, Principal, and Vice Principal and all are requested to come up as per the suggestions received at their level what needs to be done. He then shared the suggestions received with respect to the curricular aspects, curriculum enrichment, credit allocation as per national education policy, teaching-learning, formation of an Academic Performance Evaluation Committee and monitoring changes in the pedagogical improvements in line with National and International standards. He also said that the team strongly supported the formation of a new UG research policy and orientation for funded proposal writing as the proposals are going to outside agencies and should be properly scrutinized at the internal level and there should be a balancing environment between research and academics. He then said that the funding is to be applied for the equipment and software for funded research and consultancy, and the labs need to be enriched, updated, and upgraded to that requirement. As far as examination, evaluation, training placement, and higher studies are concerned, for better student services, he said that looking at the student's progression the team appreciated the quick and dynamic response by our leadership and the management through governance and have suggested for further policies for better offerings, timely and effective support system. As far as institutional values, strengthening extension and research outreach needs to be strengthened as it is one of the parameters of NAAC. He also shared the need of capturing the innovative practices adopted by faculty and publishing them as best practices.

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He then informed that the Institute is just completing five years of NAAC with a 3.17 grade and have been extended by NAAC for another two years. The extension is up to 31st December, 2024. He then mentioned the scores and said that continuation is with the same scores. For curricular aspects its 3.0, for teaching-learning its 3.43, 1.93 for research consultancy, for infrastructure its 3.8, for student support its 3.3, for governance its 3.4 and then for innovation and best practices its 3.3 out of four. He also informed about the recently held talk by one professor from KL University who gave insight into how to do better in NIRF ranking and how all these are linked to our research consultancy. So for the extension to get improved and for the score to be 3.5 plus range which will give the Institute A+ grade the Institute will have to do better for which it has already started working. So this is the profile as on today and that profile got extended, which was supposed to expire on this October 30,2022 but it got extended because of autonomy by two years and is now up to 2024 December and the new NAAC Accreditation cycle will be due for 2025 January. Mr. Sharad Tiwari congratulated for the good rating and the extension.

Dr. R. R. Sedamkar then requested the Principal and Chairman of this committee Dr. B. K. Mishra to welcome and give the opening remarks for the meeting.

The Principal welcomed all to the meeting and said that TCET is a quality-conscious institute and therefore it takes the advantage of whatever opportunities come along. He said that he is very happy to share with all that TCET has applied for the 4th cycle of NBA, which is basically having almost the same parameter as the NAAC has where the only difference is, the evaluation will be done at the program level, where most of the marks will come from the departments and maybe around 220 marks out of 1000 will come from the institute in NBA, whereas in case of NAAC everything is evaluated at the institute level where the data for the departments are accumulated in one place and then the performance is evaluated on the basis of those accumulated data.

He further said that it was the 3rd cycle for Electronics department and it got the accreditation for for IT COMP and EXTC it was 4th cycle. He then said that he is happy as the marks have improved with respect to our previous accreditation, where around 686 is the average mark for the 4 departments and also most of the departments have scored between 66% to 70.6 % which is around 664 to 707 marks. He informed that to get the accreditation for six years the marks need to cross 750, and looking into the improvement of this year, is by 20 to 30 marks in most of the cases with respect to our previous accreditation. He then said that when the institute went for accreditation, the decision was that the score should be somewhere around 700 as the Institute was interested in getting the accreditation for three years after which, with the change in the status to autonomous the Institute wanted to have accreditation under tier 1 rather than the current tier 2 process. He then said that tier 1 is under the Washington DC accord which is going to be internationally recognized through NBA. The Institute did a self-evaluation based on which it was found that the score would be somewhere around 700.

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He also said that for the parameters like outcome-based education, curriculum design, and development, curriculum gap identification, student performance, the faculty points with respect to the previous, the improvement is visible and he is very happy that this time the Institute got almost the best marks, which is almost more than 80% for the student development. He then said that if similar work is done for other parameters in the future, there is scope for scoring more than 80% marks. He then informed that the target for the next cycle is to get six-year accreditation under tier one with the marks somewhere around 800 to 850. He then said that the NBA committee can be merged with IQAC so that the Institute level leadership will be there for all the quality initiatives, whether it is NBA, NAAC, ranking of NIRF, or maybe the AICTE, CII survey. He also said that everything can be integrated as a single point of quality initiatives and based on that things can be improved.

He further added that the parameters for everything are more or less the same starting with the admission and then finally what the students on graduation get in the form of the campus placement or the professional placement being the first part. The second part is being what facilities are provided to students, in terms of infrastructure, common facilities, academic facilities, for conducting various activities under the curriculum aspects, and so on. He then said that the Institute has now started working in the physical format and therefore all labs and classrooms have been made operational as informed in the previous meetings two floors have been added and have started functioning effectively with full utilization. He then said that Institute has almost added around 450 computers and maybe around another 300 are expected by the month of January, for which the order has been already placed. The vendor was supposed to deliver in three phases, of which two phases procurement is already over and the third phase is remaining which is expected around December.

He further added that the grey area today is basically the R&D activities and the continual improvement in the process. Continual improvement is basically almost in all the domains and as per the reports received from the various bodies, the Institute has realized that whatever the increments are there, they are the delta increments and they might be the reason why the Institute is not having the quantum jump in the score. He also said that the students should be connected with the system, particularly with the CO PO mapping which is one of the critical areas, and there the understanding is required to be improved and percolated to the student level. He then said that the most important thing is to certify on the scorecard what is done and that is the challenge the Institute is looking forward to. He then informed that in the future the scorecard or the grade card will be upgraded with the qualities he or she has acquired by taking the courses in various domains, involving himself or herself in various activities like co-curricular, extracurricular, or academic activities. He also shared the need to improve the placement, particularly for the core domain, which is another important observation by the committee. He then asked the Director of IQAC to look into this aspect so that the competitive edge can be identified from all the evaluations and the Institute can excel.

With this, he handed over the session to Dr. R. R. Sedamkar to continue with the proceeding. Dr. R. R. Sedamkar requested all to share their thoughts on the development till now.

Dr. S. M. Ganechari appreciated the improvements and efforts. Dr. Radha Srinivasan congratulated the Institute and expressed her concern about R&D and suggested that work must be done in collaboration. She then suggested having a separate meeting with other institutions, industries, or academia.

Mr. V.N. Datta suggested having new thinking on the teaching-learning process and adopting new ways of teaching. He appreciated the Institute for implementing the systems from NAAC about new teaching-learning processes and tools. He suggested going into the details and look into the level of teaching-learning going on and where improvement is needed. Dr. R. R. Sedamkar said that the teaching learning is going to be one of the major components as it's required to strengthen existing things seconded by the accrediting agencies in the last cycle. He also expressed the need for R&D and other improvements in the light of which, he said the UGC has put public notice on 2nd September for transforming higher education institutions into multi-disciplinary institutions. He also said that there is a booklet and requested all the Deans and Head of the Department to look into this. TCET being an autonomous institute can take the initiatives of the Government of India and as per the National Education Policy, the higher education should be next, down the line, 3 to 5 years, and the Institute can be in line with the requirement of the nation's requirement.

Mr.V.N.Datta sir shared teaching learning is going to be one of the major components as we need to strengthen our existing things which are already seconded by the agencies, accrediting agencies in the last cycle along with that we should go for R&D and other recruitment. Dr.R.R.Sedamkar sharing the booklet told that government of India is transforming higher education institution into multidisciplinary institutions, he requested all the Deans and HOD's to have a look and being an autonomous institution, we are supposed to take initiatives of government of India as per national education policy and to form how the higher education should be in next 3 to 5 years. So that all direction will be in line with the requirements of the nation's requirements.

He further added that the whole of thinking process will start changing from a higher education perspective, we have to think what we are today, looking at our past, and then start looking from future point of view. He requested all HOD's and Deans to consider the sharing's wherever they make action plan for the academic year 2023 and prospective plan for the next 3 years. So that we will be contemporary will not be lost out in the crowd of being an affiliating being after getting autonomy.

Sir told that the inputs are been received through two-day academic performance audit under the guidance of Dr. Ram Kumar, chief transformation officer regarding how we should excel a talk was delivered to form a policy to be see improvements such that care can be taken care for the next few days.

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Agenda 1: To discuss the Curricular Aspects of the Academic programs and suggest improvements

Dr. R.R. Sedamkar invited Dr. B. K. Mishra to throw light on Agenda 1. Dr. B. K. Mishra shared the need to work towards the improvement of the curriculum aspect, teaching-learning process, research activities, quality of the question paper, quality of the projects which should not be with respect to the traditional things already existing in the system, but to create the value and bring some innovation in the approach adopted so that it will be visible to the committee members whenever they come for assessment.

He also said that the Institute is planning to have some of the classrooms which can be turned to hybrid classrooms. One Professor who has joined the IT department has been given the responsibility to prepare one of the classrooms for hybrid mode and the learning resources created in the real-time mode need to be properly edited so that they can be turned into online learning resources for the students where they need not have to purchase the resource book and which will be available free of cost. The students can learn from that where the contents will be available in the form of lectures, maybe around 40 to 45 lectures. That arrangement is being planned where real-time classroom teaching can be converted into online content. The content needs to be continuously updated so that the students can learn and acquire the knowledge. He then said that it should not be like a traditional system where the same thing is taught year on year basis with hardly any change. So the arrangements are being planned with ICT infrastructure where the need to create the server and requirement of software platforms might arise in the process. The Institute is in the process of studying that and maybe in a couple of years, whatever courses are being taught, around 160 credit courses over 4 years, will be available on the institute portal for the students.

Dr.Sedamkar requested Dean academic Dr. Sheetal to share action plan and plan to progress further in the line of national education policy. Dr. Sheetal Rathi briefing about curriculum enrichment, told TCET is much in line with NEP 2020, which talks about value based multidisciplinary education, choice-based education, industrial link courses and online digital education. She added TCET received autonomy in 2019 now being in 3rd year and next year, we will be competing for 4 years of autonomy, hence this is the right time to redesign scheme of autonomy, based on experiences, on the inputs from the various stakeholders viz industry, students, parents. From the first year in the current semester there is a plan to offer value added courses in terms of educational packs, where industry LinkedIn certifications can be offered as a choice based for the students and based on the inputs from the various regulatory bodies and the audits to strengthen outcome based academically

Dr.Payel Saha shared details about E&TC department told that as part of the curricula aspect BoS industry panel members Dr. Kushal Tuckley and Mr. Saurabh Shrivastava, gave their suggestions for framing our curriculum. She added End Semester Examination was scheduled in May 2022 in

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offline mode. BE results of May 2022 examination were declared on 16/6/2022. The placement record for 2021-22 batch is 84% with an average salary package is of Rs.8.23 Lakhs (P.A).

Dr. Sunita Pachori briefed about ES&H department, two semesters are completed and online in-house internship was conducted for all the student. Students have scored very good marks in internship. At present outreach activities are going on and the upcoming events departmental FDP, is planned from 10th October to 14th October on "programming and the data analytical tools".

Dr.Seema Jagtap giving insights of civil department told sustainability aspect of various faculty member from TCET and in regard outside speakers from the industry were invited. She added 13 students have completed the Amruta Sarover multidisciplinary internship headed by Dr.Lochan Jolly madam, during 15th July to 5th of August 2022.

Dr.R.R.Sedamkar requested all departments to document the actionable points for the teaching learning curriculum and deployment and R&D that could be followed for an year.

Agenda 2: To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation

Dr. R. R. Sedamkar invited the Dr. Rajesh Bansode to share innovative processes adopted by the institution in Teaching, Learning and Evaluation by all departments that are been consolidated and put up, reading about the inputs sir mentioned:

Dr.Payel Saha giving details about E&TC department told that Capstone project has been introduced in professional elective courses of TE and BE project was evaluated and marks were included in the term work assessment. Department had organized one-week FDP on "Recent Tools for Integration of Smart Systems" in collaboration with ELEX and MECH depts. from 6/6/2022-11/6/2022

Agenda 3: To discuss the initiatives taken to sensitize/promote Research development, consultancy and entrepreneurship climate in the Institution.

Dr.R.R.Sedamkar requested Dean R&D to give the initiatives taken to sensitize/promote Research development, consultancy and entrepreneurship

Dr.Kamal Shah shared details of activities carried about R&D she told more focus is on the internships, consultancies from the industry to get project and maturity training will be done in the industry. She added that a new team has been designed and they are finding new ways of taking consultancies. Around 27 lakhs have been generated through consultancy, minor research grants and IDC grants had been not taken last year. AICTE funding has been taken for funded research. She told TCET has applied for more DST. One application has been shortlisted for the presentation worth 1.5 crore, which will be supported by DST and Institute to generate the infrastructure. Incubation Centre currently running with almost 100% capacity very few seats are left vacant.

Dr.Kamal Shah added we are also trying to promote our own students to start their campus companies as an initiative by government.

As per suggestion received from academic performance audit, there should be a proper guidance and orientation to all faculty members before going for funding and a proper orientation of particular proposal, So that the failure rate can be reduced. Second suggestion received by expert committee is to upgrade the laboratories to PG level and Ph.D. level facilities. So that at least every department will be able to show research labs, supporting the research activities in their respective domains to improve NIRF ranking and to get a good score in NBA and NAAC.

Dr.R.R.Sedamkar invited to put up research initiatives taken up at the department level. Dr.Payel Saha giving details about E&TC department told Dr. Sangeeta Mishra was granted an Australian patent (No. 2021104034) for 'Smart healthcare system for monitoring and control of the indoor environment using IoT technology and artificial intelligence' on 27/4/2022, Dr. Manoj Chavan was Session Chair & Reviewer for Intl. Conference on Communication and Computing 2022 held at Finolex Academy of Management & Technology, Ratnagiri, Ms. Sukruti Kaulgud,Ms. Megha Gupta and Mr. Niket Amoda gave technical training to Naval officers at INS Hamala on 7th, 8th, 11th, 13th, 21st April 2022 on Advanced Networking and Linux. Dr. Sangeeta Vatkar briefed about IT department regarding R&D department planning for the affiliation, to technology conference and Multicon W and there as per the roadmap. IT department has decided to get affiliation and faculties are working on it. Dr.Seema Jagtap giving insights of civil department said this year focus is on faculty publication in the quality journals. The target is of one paper per faculty.

Dr.V.N Datta suggested as these days there is a national level pressure created that instead of looking for jobs, young budding graduates coming out could look out entrepreneurship, this requires a different kind of thinking and different kind of committee can be formed in which one or two entrepreneur's from outside can be taken in and some new ideas within, training can be given to students in the prefinal years, as a much deeper system is to be involved sir suggested to come out with a approach in next quarterly meeting and design a curriculum for students to go for entrepreneur.

Agenda 4: To discuss the increase in infrastructure facilities and library facilities as Learning Resources

Dr. B. K. Mishra said that the construction work is over and only the interior work on the 1st floor is in process, which is mainly for creating the halls is in progress and the Institute is hoping that may be by the end of November the work will get over, in which case all floors, from ground floor to the 7th floor will get renovated.

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Agenda 5: To discuss Student Support services and its progression offered by the college.

Dr. R. R. Sedamkar highlighted that Dr. Lochan Jolly Dean SSW is supported by Dr. Zahir Alam, Training & Placement Officer, Dr. Anil Vasoya, HOC Cell In-charge and Dr. Sanjeev Choudhari, Controller of Examination who are heading sections that are directly related to support services. Apart from them, institute has several activities related to professional development of students that are helmed by different activity heads under the guidance of Dean SSW.

He then requested Dr. Lochan Jolly to share the highlights in the current quarter and the action plan for the future. Dr. Lochan Jolly said that a grant of Rs. 1,00,000/- has been received under AICTE-SPICES which was utilized successfully in the last quarter. The institute also received a grant for student internship under 'Jal Dharohar Sangrakshan' in which 29 students from multiple branches joined to complete the project floated by BrihanMumbai Municipal Corporation (BMC). Students had to present their study in front of BMC before Independence Day, which was successfully completed on time. She also highlighted that, the institute has also been looking into the scholarship opportunities through Zagdu Singh Charitable Trust, TSDW, Alumni association and few philanthropists. Last time, SMILE foundation agreed to be a part of this initiative, this time, India Bulls also volunteered. Around ten students were identified to receive scholarship as they met with the required expectations. She further said that in the ongoing semester, all professional bodies and student council activities have been conducted full-fledged in offline mode with good interaction and participation of students. Second year students have started their in-house internship with the NGOs that the institute has tied up with. Apart from all mentioned above, TSDW has also been in the forefront and organized the three-day celebration of Independence Day. Efforts are also being made to revamp the HSD curriculum of ABL, PBL and RBL after deliberated meetings with the stakeholders to understand how the HSD curriculum can be enhanced by incorporating things that will actually make students more productive. Dr. Lochan Jolly also highlighted students' achievements in which she mentioned that 6 teams from different branches won Smart India Hackathon 2022 who were felicitated by the institute and were asked to share their experiences with fellow student members. Lastly, she said that as pointed out in the last academic audit, a process of identification of need of the departments w.r.t the trainings that faculty members need to be imparted with, especially for newly introduced courses is being done. 'Outcome Based Education' is one topic that has been identified to impart its training to all faculty members.

Dr. Zahir Alam highlighted the internship and ESD activities that was conducted in the previous quarter. In the last academic year, 804 students from final year and 852 students from third year have successfully completed their internship and ESD program. In the current semester, ESD program has been completed for second and third year students and the evaluations of the same

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are in process. As far as placements are concerned, out of the 852 students that have been admitted into the final year, 533 students have shown interest for placements. Out of these students, 136 students have been placed currently with single offer with a total number of 139 offers being made. All these students have been placed with dream offers i.e. offers with package more than five lacs PA. A major challenge faced, however, is that none of the interested Civil branch students have been placed till now even though nineteen companies have visited the campus for core placement w.r.t Civil. It was then understood that either the responses of the Civil students were poor, or the students did not live up to the expectations of the said companies. He added that the T&P cell is working towards it. As far as positive highlights of the placement process are concerned, Dr. Zahir Aalam said that one final year student bagged an offer from Amazon for a package of 44 lacs PA while a student from Computer Engineering department secured an internship with Microsoft through the online internship initiative. He also seconded what Dr. Sujata Alegavi said about T&P cell supporting IoT department in providing internship to third year students of IoT branch. The plan is to convert the internship of these students into a project and thereby into a concrete placement. In this direction, two meetings followed by two orientation activities were conducted for IoT students. T&P cell has initiated a new T&P event 'TCET Shastra' that will highlight on the futuristic skills of the industries. The activities under this event will focus on the necessary skills that are required by the industries in the 21st century. One such activity already initiated includes coding club; a Google development club is also in the anvil. The ultimate objective of 'TCET Shastra' is to help in the skill and employability aspect of students and ensure that such students are placed with good offers and packages. As far as statistics of the placements till date, the median salary for 2019 batch was three lacs PA which was increased to 4.5 lacs PA for the next batch and is 6.5 lacs PA for the current batch. The maximum salary is as per expectations, with average salary which used to be 1.2 lacs PA now increased to 3 lacs PA and an average salary of 4 lacs PA now increased to more than 8 lacs PA.

Dr. R. R. Sedamkar asked Mr. Neeraj Yadav if he had any suggestions to give regarding placements, to which Mr. Neeraj Yadav replied that the efforts put by the training and placement cell is commendable as heard through the statistics given by Dr. Zahir Alam, however, strategies need to be devised in order to collaborate with the IT sector for placement of E&TC and Electronics engineering students in huge numbers.

Dr. R. R. Sedamkar requested Dr. Sanjeev Choudhari to throw light on the examination related activities. Dr. Sanjeev Chaudhari firstly informed that results of all even semester courses has been declared except for second semester as the supplementary examinations are scheduled from 3rd October 2022. Twenty students have completed their specialization across the respective domains and therefore they will get their degrees along with honours. Initiatives are being taken towards academic bank credit towards which students are enrolling. He concluded that more students need

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to be motivated to complete their specializations in order to receive their degrees along with honours.

Agenda 6: To discuss improvement strategies adopted by the Institution for Academic and Infrastructure developments (Governance, Leadership and Management)

Dr. B. K. Mishra shared the plan to develop the terrace area, maybe for recreation activities or maybe for self-learning. He said that the plan is prepared and at the management level the decisions are to be taken and then the work may start maybe once this rainy season is over. With this, the students can even use the terrace area which is available on the 5th floor and once that is developed, maybe in future some games can be developed on the topmost terrace which is above the 7th floor. He then said that the Institute is thinking to create this so that it can be used for the improvement of activity-based learning, self-learning, group learning, and cooperative-based learning, so all these where peer learning takes place, these types of activities can be improved thus improving the overall curriculum.

Mr. Sharad Tiwari said that it's very excellent progress and appreciated the hard work that has been put in. He then shared his doubts over how good the plan of using the terrace for recreation would be as there are so many activities that are to be done inside the room rather than open and it would be really difficult for the students to play on the terrace. He suggested that it would be helpful if it can be moved to some other area.

Dr.Payel Saha giving details about E&TC department told Specialization courses like IoT and Communication networks towards 5G have been offered to E&TC students. 1 student from SE and 2 students from TE have opted for Communication networks towards 5G while 9 students from SE, 30 students from TE and 9 students from BE have opted for IoT in current academic year. Submission of activity points by SE, TE and BE students.

Agenda 7: To discuss the innovations introduced during this academic year which have created a positive impact on the functioning of the Institution

Few innovations across different departments were as follows:

Dr.R.R.Sedamkar added he being a research guide thought of creating special interest groups which was supported by Dr. Sujatha Alegavi (guided by Dr. R.R.Sedamkar) has put her grant received 'the system' in which shall be open to students to use facility for their research work, as high end computations can be done in this lab.

Dr.Payel Saha shared details about E&TC department told Students have undertaken projects that have social relevance viz. Smart medicine dispenser for old people, Portable ECG kit, Gesture control for disabled persons in the electoral process etc.

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Dr. Lochan Jolly added that AICTE Student Exchange Program has been organized, first of which has been organized in Maharashtra in which around 50 students from Odisha visited TCET campus in the month of July 2022. The program was organized under NIP (National Initiative Program).

Agenda 8: To discuss the action taken by the departments on the actionable points identified in the previous meeting

Dr. R. R. Sedamkar invited Dr. Rajesh Bansode, the IQAC Coordinator to give a gist of happenings of the last quarter submitted by the departments. Dr. Rajesh Bansode gave a glimpse of different initiatives taken by all the departments based on the reports submitted by the IQAC coordinators of all the departments.

Dr. Sangeeta Vhatkar briefed about IT department regarding innovation and the best practices carried in the department to develop industry design code, an STTP on "Robotic Process and Automation" is conducted and also designed a code 'RPA' in this regard, she added there is plan to establish centre of excellence of RPA to enhance the activity

Agenda 9: To discuss strategies for implementing future plans of action for the year 2021-22

Dr. R. R. Sedamkar requested all HODs and Deans (at institute level) to throw light on their strategies for implementing future plan of action for the year 2021-22, especially in the next quarter.

Dr. Prachi Janrao giving plans of from BTech AI&DS Department for academic year 22-23 told the process of revamping vision, mission PEO, PSO statements is initiated by taking inputs from advisory committee members, industry people, alumni parents, and students for changing or adding keywords to the existing which shall be finalized academic year. She added the concept of value-added certification courses is introduced from the industry where the student is supposed to take up the courses which are offered by the industry batch wise. Third year students have enrolled for the same

Dr. Vidyadhari Singh gave plans of cyber security department. She told that department vision and mission in alignment with the Institute vision and mission are defined taking the inputs from the various stakeholders like parents and community members to the advisory committee and refining the same and to create roadmap for the department .She added future plans include signing of MOU with companies and trying to collaborate with companies, introduction of certification courses as a part of the professional electives offered in the third year .

Dr. Megharani Patil briefing plans of AI&ML department told that advisory meeting was conducted along with the AI&DS Department. Revision of mission, vision statements PEO's, PSOs are carried out. To enrich co-curricular and extracurricular activities at departmental level new initiative to professional body formation, that is ECMSIG AI is done. Identification of value-added certification from industries is done, MOU signing is also initiated.

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Dr. Sujatha Alegavi briefed about BTech IoT. She told BTech IoT is it's currently in the third year of its tenure. For the current semester activities regarding the internship are planned so students can get hands on experience on the actual IoT projects that they can do with industry. For the same tie up with two companies 'built in' and other 'unprocessed' is done. As per inputs received from advisory strategizing some techniques for getting specialized courses for IoT students are been implemented. Mission, vision is in the process of revamping.

Dr. R. R. Sedamkar gave a gist of the suggestions put forth by the external peer team across all criteria and said that this now needs to be converted into actionable points based on which the action taken report in each quarter needs to be henceforth prepared.

Mr. V. N. Datta informed that one of the requirements of the National Education Policy is to provide multidisciplinary and inter-disciplinary system of education. He further added that based on the inputs given by different industry experts with whom interactions have been made from time to time, the need of the hour is for students to have some fundamental knowledge of other disciplines apart from the branch that he/she already belongs to. To this, Dr. R. R. Sedamkar replied that the institute will put its best foot forward in working towards this direction by also taking into consideration the guidelines of the accreditation bodies.

Dr. R. R. Sedamkar then requested Dr. Rajesh Bansode, In-Charge, Internal Quality Assurance Cell to share if he had any inputs to give regarding improving the overall quality of the system. Dr. Rajesh Bansode said that in the recently concluded academic audit meeting, Dr. Anil Kumar suggested that every faculty member should at least publish one review article based on their respective domain area so that an extensive research on their key area can lead to sponsored research and further publish in good quality journals like Web of Science or Scopus indexed Journal. Every department should collectively work in improving the overall publications of the department. Faculty members may also work in the direction of publishing patents and in getting funded research in their domain areas. Dr. R. R. Sedamkar emphasized on the fact that faculty members feel that they are extensively occupied in a lot of documentation work and therefore what could be the solution to this so that it does not affect their research work to which Dr. Rajesh Bansode replied that some policy could be framed in consultation with Dean, R&D so that faculty members efforts could be optimized and the overall quality could be increased.

Agenda 10: Any other point with the permission of the chair.
Dr. R.R. Sedamkar took the permission of the chair and invited suggestions if any from all members present.

With no further points to discuss, Dr. R. R. Sedamkar thanked all the members for joining the meeting as it concluded the discussion on the last quarter of A.Y. 2021-22. He further added that the academic audit report has also been prepared that will be sent to the UGC once approved by

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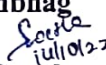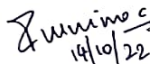*Amongst Top 200 Colleges in the Country, Ranked 193rd in NIRF India Ranking 2019 in Engineering College category*
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the senior leadership of the institute and most importantly by the peer team. He further added that there are several actionable points that could not be met with and therefore needs to be worked upon in in the next academic year. He requested Dr. Rajesh Bansode to share these points with all the departments. Dr.R.R.Sedamkar said that on the academic performance audit conducted on 29th August 2022 the actionable points were received were from HOD E&TC, HOD Computer, Dean Academic and Dean R&D only. The membership of all nominated members as per the composition of the IQAC is for a period of 2 years.

He then concluded with a vote of thanks to everyone.

Prepared By	Checked By	Verified By	Reviewed & Recommended by	Approved By
Ms.Ashwini Shanbhag				
Ms.Swetha Suresh Kumar	Dr. Rajesh Bansode	Dr. R.R. Sedamkar	Dr. Kamal Shah	Dr. B. K. Mishra
Ms.Purnima Chandrasekar				
IQAC Members	IQAC Coordinator	Director, IQAC	Vice Principal	Principal/IQAC Chairperson