Date: 07/05/2022

Minutes of NAAC- IQAC Committee Meeting held on 20ᵗʰApril 2022 at 3:00 pm through zoom online platform

Purpose of the meeting: To approve previous IQAC minutes of the meeting held on 28ᵗʰ January 2022 and discuss the initiatives taken during the previous quarter (January to March 2022) and the quality initiatives to be taken in the next quarter (April to June 2022).

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 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 2021-22.
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

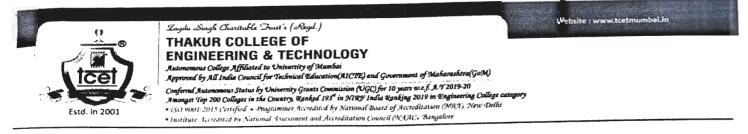| Sr. No	Name of Internal members	Designation
1.	Dr. B. K. Mishra	Principal / Chairperson, IQAC
2.	Dr. R. R. Sedamkar	Director, IQAC
3.	Dr. Rajesh Bansode	IQAC Coordinator
4.	Dr. Deven Shah	Vice Principal
5.	Mr. V.N. Datta	TEG Advisor

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6.	Dr. Kamal Shah	Dean (R&D), HOD- AI & ML
7.	Dr. Lochan Jolly	Dean (SSW), HOD- IoT
8.	Dr. Sheetal Rathi	PG- HOD Comp.Engg, HOD-AI & DS
9.	Dr. Zahir Alam	Training and Placement Officer
10.	Mr. Anil Vasoya	In-Charge HOC Cell
11.	Dr. Sanjay Kumar	Controller of Examination
12.	Dr. Payel Saha	HOD-E&TC
13.	Dr. Bijith Marakarakandy	HOD-IT
14.	Dr. Harshali Patil	HOD-COMP
15.	Dr. Sanjay Patil	HOD-ETRX
16.	Dr. Siddesh Siddappa	HOD-MECH
17.	Dr. Seema Jagtap	HOD-CIVIL
18.	Dr. Sunita Pachori	HOD-ES&H
19.	Mr. Shivram Poojari	IQAC Member
20.	Ms.Purnima Chandrasekar	IQAC Member
21.	Ms.Ashwini Shanbhag	IQAC Member
22.	Dr. Megharani Patil	IQAC Member
23.	Dr. Aditya Desai	IQAC Member
24.	Mr. Jayant Patil	IQAC Member
25.	Ms.Swetha Suresh Kumar	IQAC Member
26.	Ms.Jyoti Kori	IQAC Member
27.	Mr. Dheerav Nahar	Student Member (CIVIL)
28.	Mr. Kunal Pawar	Student Member (ES&H)
29.	Mr. Ankur Kulkarni	Student Member (COMP)
30.	Mr. Kamal Choudhary	Student Member (E&TC)
31.	Ms.Vaishnavi Patil	Student Member (MECH)
32.	Mr. Prabhat Shukla	Student Member (AI & ML)
33.	Mr. Uday Waskar	Administrative member
34.	Mr. Shailesh Chavan	Administrative member

Welcome to all the members present:

The meeting began with IQAC Director, Dr. R. R. Sedamkar welcoming all to the IQAC meeting. He then enquired from all present whether the minutes of the previous meeting were read and whether it could be passed.

The previous minutes for IQAC meeting held on 28th January, 2022 were confirmed. He also mentioned that TCET's advisor TEG, Mr. V. N. Datta has shared a lot of inputs and the improvements for the same are carried out, he has keenly referred the complete minutes and has

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suggested few changes. Dr. R. R. Sedamkar thanked him for his input and also others for their inputs and informed that all the inputs are incorporated.

He further mentioned that the minutes of the meeting will be put on the website as per policy. He informed that there is one change in the constitution as one faculty member resigned. Mr. Shivram Poojari has joined as the new faculty IQAC Coordinator from ES&H. He 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 informed all that with the fire compliances completed, the institute is waiting for Occupancy certificate (OC). He further added that the institute has completed all the formalities of the AICTE and is in the process of the approval for increasing the UG intake by 120. In the vocational course also, the plan is to increase the intake by 120. So, the total increase in the intake at the UG level will be 240 and that will make the intake of the institute more than 1100. So, this is the change from the count of 900 in the last semester to the proposed count of 1110. The proposed increase in intake is expected this semester. He mentioned that the institute may submit the application as all the formalities have been completed with necessary payments done before the deadline. The above roadmap is with respect to the UG courses.

He further said that the institute is planning to increase the intake of Information Technology branch from 120 to 180. A proposal has also been made to increase the intake of AI & DS program to change from 60 to 120 looking into the demand for the courses.

Regarding accreditation, the Principal added that the institute is in the process of submitting the self-assessment report for four courses i.e. Information Technology, Computer, Electronics and Telecommunication, and Electronics Engineering. For these courses, the tenure will get over on 30th June. With the deadline for submission being 26th April as per the communication with NBA office, the institute plans to complete the work and submit SAR before 20th April. He added that the committee may come in the next academic year when the college will be fully operational somewhere in the month of October or November.

With this he handed over the session to Dr. R. R. Sedamkar to continue with the proceeding.

Dr. R. R. Sedamkar said that IQAC is taking care of even the UGC requirements. He said that the report of the Academic Performance Audit is submitted to the UGC for the Academic Year 2019-20 and 2020-21. The external peer team comprised of experts from institutions of academic repute - Dr. Anil Kumar Singh (Former Professor of IIT-B), Dr. Hari Vasudevan (Principal – D. J. Sanghvi Engg College), and Dr. P. P. Bhave (Associate prof.-Civil Dept, VJTI). He further said that the reports are signed, and are to be sent to UGC and as well put on our website. He then added that the external peer review committee conducts the audit once every year, now again in the month

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of July-2022 for the last quarter meeting the external committee will meet. He also mentioned that the inputs/suggestions received during academic audit will be shared with all concerned members.
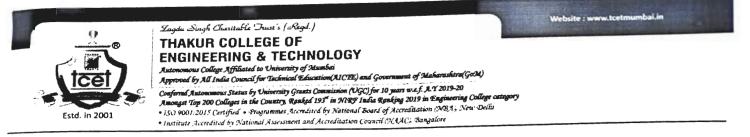
Agenda 1: To discuss the Curricular Aspects of the Academic programs and suggest improvements

Dr. R.R. Sedamkar invited Dr. B. K. Mishra to throw light on Agenda 1. Dr. B. K. Mishra said that in PG, the institute is trying to revamp the existing course, by renaming the ME program as the M.Tech program as proposed, and renaming Electronics and Telecommunication Engineering as 'Information and Communication Technology', Information Technology as 'Artificial Intelligence and Robotics', and Computer Engineering as 'Artificial Intelligence and Data Science'. These renamed courses have been proposed to come with M.Tech degree. He said that this is being done as the admissions in PG have been observed to be not up to the mark and this effort being taken will also be monitored as to whether it boosts the admissions or not. For all these renamed courses, specialization will also be offered.

Mr. Sharad Tiwari then asked if only the courses are being renamed or whether the course contents are also being altered. Replying to that the Principal said that the course content will also change as per the new name, like, in Electronics and Communication, the courses were from Electronics and Communication, now it will be more from Communication and Information Technology. So, it's like a complete revamp of the course.

Mr. Sharad Tiwari further enquired whether this revamping of courses is going through some university approval or is it within the institute's disclosure to design the course and work accordingly for which the Principal replied that all formalities will be followed. Since these degrees will be coming from university, the university needs to be informed and then for all the courses, wherever the changes are there, maybe as a new name or maybe as the new intake, the need will have to be incorporated in the university. A certain procedure needs to be followed i.e. once AICTE approval will come, the institute has to take the approval from the government and that is followed by a Directorate of technical education (DTE) and then ultimately, it needs to be submitted to the University for Affiliation.

Principal further informed that the management is thinking to bring some changes. For those who are from the industry and cannot come for the full-time course, AICTE has given the relaxation, whole time course doesn't mean that it has to be run in nine to five, even it can be started late afternoon so that industry people can join the course after their office hours. Here the only thing is the number of hours that needs to be met and the institute is working on the same. The institute is also thinking to offer 'earn while you learn' type of scheme to the students to attract more students to PG program and all efforts are being made so that eventually the institute gets the university status and when one talks about university status, the PG and Ph.D. programs are very important. He then said that for Ph.D. currently, the institute may not be struggling because enough candidates are available, for M.E. and M.Tech however, all colleges are struggling with the

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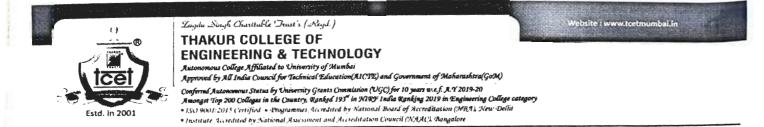Website : www.tcetmumbai.in

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candidates. So, this is an effort towards that and maybe next year the institute may think of converting UG courses into dual courses or double degree courses.

He further said that a double degree is possible like, somebody is doing a management course, which is two years and they want to do an M.Tech course also, so, one will simply have to adjust the timetable. So, both the degrees, a candidate can get and this has been recently introduced by UGC. So a student who wants to do BSc Information Technology can register for online courses along with the full-time courses or they can have two full-time courses with staggered timing where the timetable of the two courses should not overlap. So these are the provisions that have been created recently and the institute is going to explore them. He also added that the institute is also planning to have some affiliation with online university which is offering online courses so that the institute gets the center status and thus will be able to support the students for dual degree or maybe the double degree.

Dr. R. R. Sedamkar then requested other members if they want to share any inputs on Agenda number one for improvement. Mr. V. N. Datta said that he has been discussing with students who have joined the engineering college and found that the students consult other students and try to find out where the better employment situation exists. He further asked that since TCET has got autonomy, whether it is possible for a student to join a combined course initially, where the student in the first year can get combined basic knowledge of Electronics, IT etc. He appreciated that TCET is on the right line. He then said that all these proposals are available in relation to a brilliant student, but what if that student is unable to decide what courses to take, so he asked if it is possible that after undergoing first-year basic courses and maybe then in another semester to learn something more about the basics of all the subjects and then the student is given a choice to choose some course of study. He said that it is only a suggestion that may or may not work with the university, but also added that if it is possible, it would be a good suggestion.

Dr. Radha Srinivasan then said that along with AICTE, the UGC also has now given various options of add-on courses which are now being implemented everywhere, and that can be one way to attract the students. She also said that they are also permitting students to opt for parallel courses at least in PG, and in UG it is being done informally, which comes with UGC norms. She then asked if there is any other procedure to be followed. Dr. R. R. Sedamkar said that as such the AICTE has come up with its yearly document i.e. handbook and in that the guidelines are clearly given. And as per the guidelines the new programs have to be prepared and as TCET is an autonomous Institute there is freedom. So, whatever is permitted under the AICTE the institute can take and submit to the University for permission and as already Principal Sir has stated that process is on.

Dr. R. R. Sedamkar then said that the institute has increased the FE intake from almost 660 to 870, and next year it will be almost 1100 plus. He then said that the institute has four verticals, BE Engineering Technology, B Tech programs, and skill-oriented NSQF programs, and design

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included in B.Des in interior and image. As per national education policy, in these four verticals the college has to start offering multiple courses, and as far as interdisciplinary education is concerned, as a part of CBCGS system, the system is already in place and slowly that has to get into implementation. He also added that the college is working on the interdepartmental projects and inter institute, inter-department projects can be done but there are no guidelines for inter Institute. He then mentioned that these are all in the pipeline awaiting the UGC guidelines and the college will try to give the best possible opportunities for students to take up and become better.
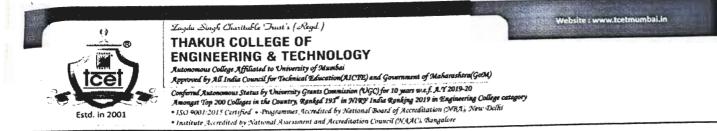
He then said that as Principal Sir already pointed out, the college would like to grow towards the university system in the years to come. TCET has enhanced its bandwidth from one engineering to technology to then the vocational to design. So this is the present status. Academic programs will be slowly enriched and will be made at par with whatever the national policy is in that particular course. And infrastructure is also built and the capacity-building process is on to match whatever infrastructure is provided by the management.

Mr. V. N. Datta then said that regarding the announcement made about the dual degree the college has to wait for some more time because ultimately UGC has said that they are coming up with a notification, and as TCET goes by rules, regulations, and notifications laid out, and on that basis, University is going to pass resolutions in their ECAC meetings. He said that the college needs to wait for that to come up and then formulate. Principal Sir then said that the UGC guidelines have already come two days back to which Mr. V. N. Datta said that it depends more on what exactly the notification contains.

Dr. Radha Srinivasan also pointed out regarding notifications and asked to share what is exactly the procedure or steps involved, so that can be a messenger of IQAC of the university can take more proactive step to speed up the process.

To which Principal Sir replied provisions can be made for multiple exits and multiple entry of students, so students taking three year vocational course and if they complete in three years, they will get the minimum degree from University, and if they will complete another one year they will be able to B.Tech degree. Sir further informed that institution is going to put up same to university as institution is going to run the vocational course Sir requested madam to ask university to create this type of provision.

Mr V.N.Datta added, long time back in ministry this system was thought of that there should be a system of education where a particular student can enter the lowest level go on to do some certified courses, then if he's competent he/she goes to continue the course. The idea was, it was having a separate course were there's no degree program, but the student will be able to join at the lowest level and keep on acquiring degrees, go out of the system .That is good enough for him/her to join the industry, maybe can come back after a few years and join for the degree these are good suggestions and can be excellent.

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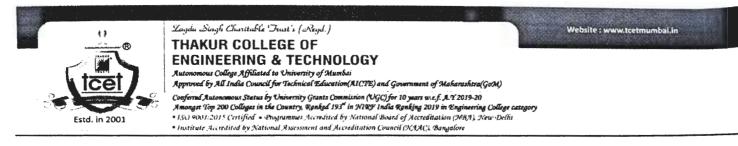
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Agenda 2: To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation

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:

UG – computer Department in criteria 1 they have conducted FDP on Latex during first and second month as a part of implementing curricular aspects credited. To enrich the teaching learning STTP was conducted on digital transformation through trending technologies during 3rd Jan to 8th Jan in association with Capgemini that is, they have started having an industry tie up for enhancement of technical understanding in teaching learning process. Criteria 3 includes quality publications, data by faculty was updated and published work was uploaded on common drive to enhance citations of each faculty member .Criteria 4 initiated a list of open source software for all subjects of current semester, .Criteria 5 ICCFP foundation course training sessions are conducted from 3rd Jan to 14th Jan to 2022. Pre-placement trainings phase II sessions were conducted by during Saturday's between Jan to March 2022 by faculty members of the department Criteria 6 conducted domain activities in ISD domains, group discussions on career opportunities in AI was done on 10th of March 22. Criteria 7 is about NBA criteria in charges have updated SAR of the Department, review the same has been conducted by senior faculty members of the department.

UG- Mechanical Department in Criteria 1 Mechanical department students are oriented and motivated to join Social internship (winter) including direct second year students, which are scheduled during 3rd January to 14th January in association with Rotract Club Mumbai. Credit - 2 five faculty members are participating in different FDPs held outside Institute which was to enhance the teaching learning mechanism among the faculty members. Credit-3 four papers technical conference industry 4.0 and 14 papers received from outside for Multicon W 2022. Criteria-4: Conduct of TLP in online/offline mode from college with appropriate infrastructure readiness. Criteria-5: Students enrolled under different Tracks societal internship are Creative, Marketing, Artists, Community services, speaker management, Reporting. Criteria-6: Students are encouraged to participate in co and extracurricular activities planned as per academic calendar. Criteria-7: Professional Body organizing engineering events

UG- Civil department Criteria -1: Internship is planned and being conducted for SE students from 3rd January to 14th Janary2022 in association with Rotract Club Thane. Criteria-2:4 faculty members have enrolled and completed AICTE approved FDP. Criteria-3: Faculty and students are encouraged to present paper in IC-AMCE 2022, Conduction of RBL and PBL activities. Criteria-4: Effective conduct of TLP in online/offline mode from college with appropriate infrastructure readiness. Criteria-5: Conduct of Social Internship for SE students & Conduct of ESD activities. Criteria-6: Students are encouraged to participate in CO and extracurricular activities

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planned as per academic calendar. Criteria-7: Conduct of workshops and seminars under ACSE as per academic calendar

UG-AI&DS department Criteria -1 syllabus for semester 4 and scheme for 3-4-5 was proposed and approved in the BoS., Technical seminar was conducted by Mr. Parth Sharma on Applied Statistics for Data Science – Techniques, Concepts, Virtual industry visit is conducted in Jasper Colin Research, webinar and case study presentation are planned under identified sectors. Criteria-2: Faculties were encouraged and counseled to write research papers and publish it in good quality journals, Counseling was done to the ST-AIDS students to make them understand the importance of participation in Hackathons. Criteria-3: Faculties were encouraged to participate in FDP/STTP/Certification in the AI&DS domain, webinar was scheduled on how to conduct a survey for ST(AI&DS) students on 11 March 2022. Criteria-4:consent for the selected sector taken from the students on 20th Jan 2022, Labs and classroom were made ready to be used in hybrid mode of conduct, with the help of necessary equipment like projector, white-board, mic-camera, subjects are newly introduced in the syllabus. The resource material was prepared from the scratch as the books were not available for the same in the market. Criteria-5: Topics related to the GATE exam will be covered during the lectures by the respective faculty members, ESD for Sem IV sessions was conducted from 24th Jan to 29th Jan 2022 and Evaluation was taken on 19th March 2022.Criteria-6: Orientation was given about sem IV MOOC and students were encouraged to take the course, Various webinars conducted in identified sectors, Abhijit Bhaduri session on HR Hiring trends on 19th Feb 22, Workshops on Django and Blockchain Technology conducted on 25th and 26th Feb 22 under professional body Criteria-7Conduction of Value education course with the help of 2 blended learning techniques like Flipped classroom and Individual rotational learning

UG- E&TC department Criteria -1: Courses like DBMS, Cloud Computing, Python/ Software testing/R Programming (Professional Skills) has been taught to the students and their respective evaluation has been done through ISA and/or practical sessions Criteria-2:Cloud Computing; Cryptographic network security has been offered to BE students as a professional elective. 5G technology is also being offered as Program Core Course to BE students Criteria-3:Dr.SuhasChinta, Founder (Space Geeks) and his associate visited the department to interact with the faculty members on the topic of Communication and RF Criteria-4:All laboratories have internet facilities, desktops, projector facility. For conduct of online lectures, dedicated classrooms have been assigned for SE, TE and BE. Criteria-5: Students are undertaking projects that have social relevance viz. IoT based remote patient health monitoring system, sign language recognition system, smart garbage monitoring system using IoT to name a few Criteria-6: Submission of activity points by SE, TE and BE students. For BE students, approx. 90% of total students have fulfil activity points requirement Criteria-7: An IEEE webinar on Research Paper Writing was organized for all whose resource person was Dr.Aarti Karande, Chair, IEEE SIGHT, Bombay

UG-IT department Criteria-1:Lectures conducted in Hybrid mode, practical's conducted in offline mode, Ui Path academic alliance has conducted Virtual educator Readiness workshop, Few faculty
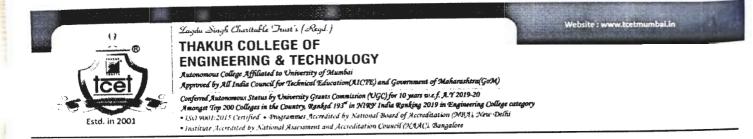
completed courses conducted by Ui Path and also completed AICTE-ISTE sponsored FDP on AI RPA ,tools, techniques, challenges; solutions Criteria-2:Poll questions generated during online lectures, Conduced ISE-I for regular students from 14/2/22 to 16/2/22, ISA for TE, BE students conducted from 28/2/22 to 5/3/22, ISE-II conducted from 21/3/22 to 23/3/22, RBL/PBL/ABL conducted for SE/TE/BE students. Criteria-3:Total 17 papers published in SCOPUS Index Journal, 2 Patents filed, faculty involved in INS Hamala training, Mahindra and Mahindra training, bank official training conducted, training taken at SPBT, Session conducted by Faculty, Recent Advancement in Artificial Intelligence", FDP conducted on Latex,on 10/3/22 , 11/3/22 technical seminar conducted for TE,BE students on 11/3/22. Criteria-4:Procurement of Canon printer , bluetooth headset, USB Bluetooth adapter, external Hard Disk,Pendrive-32GB, D-Link Wifi router, HP W100 Web connected, Cannon scanner has been done and received for department Criteria-5:Compiled and Submitted 100 Activity points, Sojourn-Cultural event on 15th ,16th March 2022, Internship evaluation of final year students, PPT,CT ,IntIQExam, Coding tests, Mock Aptitude tests, Technical Seminar for all year students. Completed ACM Activities as per planned under Multicon-2022, Poster competition was organized for SE,TE,BE students on 25/3/22.Total 1,1,1 students participated from SE/TE /BE, Mind's Eye project competition was held on 16/4/2022 for BE students Criteria-6:PAC meeting conducted on 25/1/2022, Conduct of BOS Meet on 10th Jan 2022, dept Advisory meet on 29th Jan 2022, departmental meeting conducted on 15/1/22,21/2/22 & 23/2/22 Criteria-7:2nd round evaluation for SIH ,International conference ICICN conducted on 25th & 26th Feb 2022. Industry training -1) Mahindra & Mahindra.2) INS Hamala 3) Training for Bank officials. Taken sessions in FDP organized by Elex Dept on; Data Structures national level workshop conducted on 25/2/22, 26/2/22 for SE,TE students, Webinar on Resume building 21-Jan 2022, Workshop on Android Development 4-Feb 2022, Technical Seminar on Big Data Analysis 11-Feb 2022, Technical Quiz Competition 11-March 2022, Webinar On Design Thinking and Innovations 11-March 2022 were conducted.

UG- AI&ML department Criteria -1: Lectures conducted in Hybrid mode till 15th Feb 2022. Practicals conducted in offline mode from 1st March 2022. Criteria-2:Poll questions generated during online lectures, conduced ISE-I (IV SEM) from 14/2/22 to 16/2/22,Conduced ISE-II (IV SEM) from 21/3/22 to 23/3/22.PBL/ABL conducted for ST students Criteria-3:Conducted INS Hamla training & Mahindra and Mahindra training Criteria-4:Stationary received for the department. Criteria-5: Compiled and Submitted 100 Activity points, Sojourn (Cultural event on 15th & 16th March 2022.Internship evaluation of final year students, Coding tests, mock aptitude tests, technical seminar for students. Completed ACM Activities as per planned. Criteria-6: Conduct of BOS Meet on 10th Jan 2022.Dept Advisory meet on 29th Jan 2022. Criteria-7: International conference ICICN conducted on 25th & 26th Feb 2022. Industry training given for -1) Mahindra & Mahindra.2) INS Hamala 3) Training for Bank officials.

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UG-ES&H department Criteria -1:Successfully distributed Resource books to more than 85%Criteria-2: Finalization of research papers in educational technology (functional area) and inclusion in ICHSTE 2022Criteria-4: Lab timetable prepared and brought in effect for offline/hybrid conduction in rotation basis & Calibration of instruments done Criteria-5: FE/FT students were oriented for writing technical papers by ISTECriteria-6:Uniqueness of activities - For FE students Conducted Innovative Exams Criteria-7:Respective SAR data were submitted to the departments and query raised were resolved
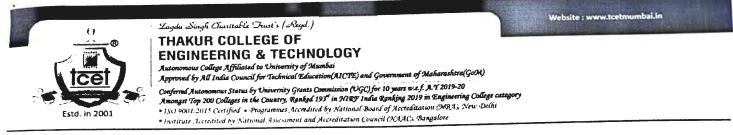
PG-COMP department Criteria -1:1. Student have enrolled for Computer Vision Course from Udacity. 2. Students have attended talks and workshop on Technology Forecasting during MULTICON W. 3. All the students have attended 2-day FDP on Latex. 4. Students have attended 6-day STTP on, Digital Transformation through Industry 4.0 Technologies Criteria-2: All Students have completed 6 month Internship from Industry Criteria-3:1. Regular project presentations as per project calendar are taken. Projects related to Plant Disease identification have been linked to UG, PG and PhD. Criteria-7: All the students have completed 6-month Industry Internship

Thanking Dr. Rajesh Bansode, Dr.R.R Sedamkar requested for suggestions from members regarding teaching, learning, innovation to be done so, thinking with the current students requirements

Mr.V.N Datta appreciating summary report submitted questioned regarding outcome achieved particularly when outside the institution programs and certain skill are implemented which maybe improvement in society , approval can be taken for the improvement in the in the in the overall contract with the with the public and maybe with the institutions. He mentioned excellent around, but in certain cases some outcome could improvement with taken by the decision in collaborations or by any system. He further questioned about final achievements and conduct of a program

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

Dr. R.R. Sedamkar requested Dr. Kamal Shah to throw light on the initiatives taken towards R&D in the last quarter. Dr. Kamal Shah replied that in the last quarter two significant activities were undertaken. The first activity involved faculty members training people from the industry. Here she mentioned that few faculty members from various departments have been training Naval and Air Force officers and employees of Mahindra & Mahindra. The second activity has been the successful conduct of Mind's Eye project competition which is held institute level in which the best projects of all departments were showcased. The result of this competition was declaration of top three projects from each department. She further added that efforts are being taken to see if these projects can be combined in a multi-disciplinary way which will result in the development of a bigger project that will be an end product useful to the society. She also mentioned that few of the projects are worth an IPR registration. A lot of useful inputs were also received during the

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competition as highlighted by Dr. Kamal Shah which will be worked upon to extract some useful outcomes as mentioned by Mr. V. N. Datta.

As for Entrepreneurship, Dr. Kamal Shah highlighted that one of TCET student has got selected for seed funding grant from Ministry of Education (MoE), the fund of which has been received by the institute. The institute will provide him with the necessary infrastructure in the Incubation center. The concerned student will work on developing a cost-effective product for farmers useful during farming. The amount of Rs. 8,80,000/- as received by the MoE will be used in developing the suitable products that will be used in the fields.

The institute has also applied for AWS Cloud Services whose grant the institute has received. This grant is of 5000 USD per startup, whose resources the institute will provide to the deserving candidate applying for it i.e. students who have ideas that can be converted into potential startups can be promoted by the institute with the said amount in USD. This initiative also becomes a brand building exercise of the institute wherein TCET can be projected to be offering free AWS solutions to startups and entrepreneurs applying for it. Mr. Prabhat Shukla suggested scheduling interactions between junior and senior students so that collectively work can be done as far as developing whatever was mentioned above.
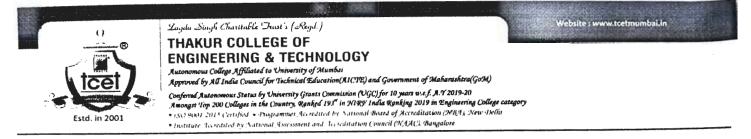
Dr. Radha Srinivasan enquired if any database has been created that contains the details of the different startups in terms of how far the startups have progressed considering that the institute has a strong alumnus network. To this Dr. Kamal Shah replied that all this data is being maintained including how much employment has these startups generated. She further added that details of around 51-52 startups are available with the institute and there are many more startups whose details the institute is yet to receive, which on receiving the institute shall update the website.

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

Dr. B. K. Mishra said that as far as the infrastructure is concerned, he said that construction work is already completed as stated in the previous meeting.

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

Dr. R.R. Sedamkar requested Dr. Lochan Jolly to throw light on the initiatives taken student support services and its progression offered by the college. The institute has for the first time received scholarship of Rs. 1,00,000/- and a laptop to be given on merit basis to three female students (from first year to final year) by SMILE Foundation. With the help of Dr. Sunita Pachori, four such female students were identified out of which three cleared the process. Secondly, the institute has also received a grant of Rs. 1,15,000/- from MCHI. Additionally, one student received Rs. 30,000/- from the Maharashtra Government. Dr. Lochan emphasized that with such continuous efforts, new associations have been made for scholarships apart from which the regular scholarships from the trust, TSDW and alumni associations. Next, she mentioned about the

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successful completion of winter in-house internship in December 2021 which is the first part of the institute offered in-house internship. The summer in-house internship will be held from June 14-28, 2022. Dr. Lochan Jolly added that the no. of hours has been increased from 560 to 600 for the benefit of the students.

As far as efforts taken by HOC cell is concerned, she mentioned that the cell has been active in its initiatives and has till date guided around 30 students for the application towards MS degree in foreign universities.

Dr. Sanjay Kumar, Controller of Examination, added that as far as exam related activities are concerned, the exam cell has a checklist created and continuous efforts are being taken to complete all concerned activities on time. He further added that the End Semester Examination (ESE) for semester I has been conducted successfully offline and preparations are now on towards the effective conduct of ESE for the higher semesters in offline mode.

Dr. Zahir Aalam, with regards to TNP activities mentioned that the first batch of autonomy is graduating this year. He emphasized that the number of offers from dream companies has almost doubled this year as compared to last year with the number of students being placed with dream companies increased to 58% as compared to 28% of the last year. Secondly, he mentioned that with the help of ICT academy, twenty faculty members of the institute have been trained under FDP program that was conducted in online mode. Under ICT academy, institute has conducted around eleven SDP sessions over the year in which around 1000 students (especially from SE and TE) across all departments have participated.

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

Dr. B. K. Mishra said that as far as the infrastructure is concerned, as stated in previous meeting, in this quarter the college has obtained fire compliances and are waiting for OC, the formalities for the same are already completed. So, in a couple of weeks, the college is expecting that the OC will also come.

So now this is the part where the approval for next academic year is very important from AICTE and then whatever the changes are required to be done with respect to the intake, it has to be done during this period only.

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: STTP was conducted on digital transformation through trending technologies during 3rd Jan to 8th Jan 2022 in Computer department. ICCFP foundation course training sessions were conducted from 3rd Jan to 14th Jan to 2022 in Computer department. Topics related to the GATE exam was covered during the

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lectures for SE students across all departments. Workshops on Django and Blockchain Technology conducted for students of AI&DS. Faculty members have trained naval and air force officers at INS Hamla and also imparted training to bank officials. STTP for Computer engineering students organized on 'Digital Transformation through Industry 4.0'. Social internship (winter) for SE students of mechanical engineering dept. was scheduled during 3rd January to 14th January in association with Rotract Club Mumbai.

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.

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

Dr. R. R. Sedamkar requested all Head of Departments 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. Sunita Pachori added that for the ES&H dept., the plan is to focus on the beyond curriculum part of the resource book so as to inculcate more research habits among the students apart from the innovative examination which is already being conducted since last academic year. As for faculty members, suitable orientations are being provided along with creating groups of faculty members belonging to the same domain so that focus of the dept. is not just on teaching-learning process but also on research.

Dr. Harshali Patil added that for the COMPs dept., the plan is to firstly strengthen the curriculum after taking inputs from all stakeholders. The plan to sign MoU's with the industry for training, internship and research activities is also on the anvil.

Dr. Seema Jagtap added that for the Civil dept. students, in-house internship is planned, and tracks have been identified. Secondly, the dept. plans to develop small kits that can be issued by students on periodic basis as suggested by the Principal.

Dr. Siddhesh Sidappa added that the MECH dept. is planning to provide resources that may be useful to students as they are participating in different project competitions. Dr. Sanjay Patil added that with the Electronics dept. now named as Electronics & Computer Science dept., plan is now to update all the laboratories as per the new course, create new domains and get more collaborations with the industry. Secondly efforts to identify specialization courses allied with the new branch name is going on. Efforts are also being taken to conduct the HME activities as per NEP 2020.

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Dr. Sheetal Rathi shared that for the AI&DS dept., focus will be on getting industry linked certifications and promoting among the students. Other initiatives include conducting student allied activities like how to conduct surveys in different sectors and strengthening of student alumni programs by connecting with graduated Computer and IT students who are now playing the role of data scientists in the industry.

Dr. Bijith Markarkandy added that in the IT dept., two STTPs are planned for faculty members along with upgradation of the IT infrastructure particularly procuring of workstations and laptops. From the student perspective, efforts are on to involve more student participation in different club activities.

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.

Mr. V. N. Datta added that an important point that has come up is about the feedback given by stakeholders. He mentioned that the need of the hour is to connect with our alumni students and take inputs from them as to what course correction can be done in order to improve the overall teaching-learning process. Creating a common platform across all departments and sharing the valuable feedback received is an initiative that can be taken. This initiative can then be used as an agenda point of discussion in the upcoming meetings. The IQAC need not cover it extensively however reporting significant developments made based on the feedback received could be one of the initiatives taken which will only add to improving the quality of the system.

Mr. Sharad Tiwari added that with the institute revamping its courses, brand building these courses in terms of current industry scenario will attract the students in large numbers.

With no more points to discuss, the meeting was ended with a vote of thanks by Dr. R.R. Sedamkar to all members present.

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

✱ on leave