



Laxmi Singh Charitable Trust's (Regd.)

**THAKUR COLLEGE OF
ENGINEERING & TECHNOLOGY**

Autonomous College Affiliated to University of Mumbai

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

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Date: 20/2/2023

Minutes of NAAC- IQAC Committee Meeting held on 21st January 2023 at 11:00 am through zoom online platform

Purpose of the meeting: To approve previous IQAC minutes of the meeting held on 22nd September 2022 and discuss the initiatives taken during the previous quarter (July to December 2022) and the quality initiatives to be taken in the next quarter (January 2023 to March 2023).

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 2022-23.
10. Any other point with permission of the chair.

The following members were present for the meeting:

Sr. No	Name of External members	Designation
1.	Mr. Gaurav Ghelani	Head - Tata Consultancy Services
2.	Mr. Manvendra Pratap Singh	Alumni
3.	Mr. Arya Mishra	Alumni

Sr. No	Name of Internal members	Designation
1.	Dr. B. K. Mishra	Principal & Chairperson, IQAC
2.	Dr. Kamal Shah	Vice Principal, Co-Chairperson
3.	Dr. R. R. Sedamkar	Director, IQAC
4.	Mr. V.N. Datta	TEG Advisor



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5.	Dr. Rajesh Bansode	IQAC Coordinator
6.	Dr. Lochan Jolly	Dean - SSW
7.	Dr. Vinit Kumar Dongre	Dean - R&D
8.	Dr. Sheetal Rathi	Dean - Academic
9.	Dr. Amol Dapkekar	Training and Placement Coordinator
10.	Mr. Devidas Kalwale	Librarian
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-E&CS
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	I/C HOD-AI&ML
20.	Dr. Vidyadhari Singh	I/C HOD-CSE (Cyber Security)
21.	Dr. Sujatha Alegavi	I/C HOD-IoT
22.	Dr. Atul Karanjkar	I/C HOD-MME
23.	Ms. Purnima Chandrasekar	IQAC Member
24.	Ms. Ashwini Shanbhag	IQAC Member
25.	Ms. Swati Abhang	IQAC Member
26.	Ms. Shilpa Mathur	IQAC Member
27.	Mr. Jayant Patil	IQAC Member
28.	Ms. Swetha Kulkarni	IQAC Member
29.	Ms. Siddhi Ambre	IQAC Member
30.	Ms. Niki Modi	IQAC Member
31.	Ms. Amruta Mhatre	IQAC Member
32.	Ms. Jyoti Kori	IQAC Member
33.	Ms. Ketki Balde	IQAC Member
34.	Ms. Archana Belge	IQAC Member
35.	Mr. Shivram Poojari	IQAC Member
36.	Mr. Viraj Zaveri	Student Member (AI & DS)
37.	Mr. Deerav Nahar	Student Member (CIVIL)
38.	Mr. Mahesh Sharma	Parent Member
39.	Dr. Hemant Katuriwalale	Parent Member
40.	Ms. Jyoti Kashyap	Parents Member
41.	Mr. Shailesh Chavan	Administrative member
42.	Mr. Uday Waskar	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 3rd quarterly meeting of IQAC for A.Y.22-23. He said that we have progressed and completed 03 years of last composition of IQAC team. We have submitted IQAC report in the month of September,2022 and AQAR 2021-22 in the month of December,2022 and we reconstituted the whole IQAC TCET as per NAAC & UGC guidelines. He said we have this time added the member from employer Mr. Gaurav Ghelani Head of Tata Consultancy Services. He welcomed him on behalf of IQAC TCET. Yuvraj Manhotra chairman MD of Hilton Metal Forging Ltd looking for requirement of core and soft site branches was welcomed. He then said we have parents Dr.Hemant Katuriwal (Parent of student from first year), Dr. Jyoti Kashyap (parent of student from second year), Mr. Mahesh Sharma are the parents nominees as outside members and we have local nominees from local society Mr.Manmohan RanjitSingh Mehta and this time added present GS, Joint GS, Lady Representative of the present student Ms.Shailj Jadon (General Secretary) Final Year Student, Virat Zavari (Joint General Secretary) Third Year Student and Eesha Pandit (Lady Representative).

He then said also we added previous General Secretary just pass-out student in 2021 Mr.Arya Mishra. Also then said about the Alumni who under gone for old and new system pre accreditation & post accreditation and undergone part of many committees Mr. Manvendra Pratap Singh AVP, process Consultant, Operation Transformation at HSBC this all are composition from outside . He said we continue to have Mr.V.N.Datta, TEG Advisor. As per external peer team we have Dr. Anil Kumar Singh, Director (Independent) RCF, Dean Academic of IIT who continues to be chairperson of external peer team also we added 2 external team members as Dr. B.Satyanaryan Scientist, TIFR, Mumbai for Research Perspective, Dr. G.T. Thampi, Principal, TSEC, Mumbai External peer team they will be auditing and attending Audit once in yearly basis.

He then informed and continued about the composition of IQAC cell comprising of all Deans, Exam Controller, TPO In-charges, HOC In-charges, Librarian, Senior Administrative officer and all HODs with their respective department IQAC coordinators supporting team along with Dr. R.R. Sedamkar, Director - IQAC, Dr .Rajesh Bansode IQAC Coordinator is same and all are changed this is the composition of IQAC.

On behalf of TCET IQAC Dr. R. R. Sedamkar requested Principal sir to brief about happening in last Six months Dr. B. K. Mishra to welcome and give the opening remarks for the meeting.

Principal sir welcomed all to the IQAC meeting and said that TCET as far as institute is concerned in the last 6 month first time we tried to execute the thing as per our routine activity & normal curriculum with physical mode. Most of the thing we have done in physical mode also. We conducted the examination successfully and declared the result of SE, TE, BE as per the schedule. First year classes started in the month of November,2022onwards and still the 1st semester got over on 26th of December 2022 followed by end semester examination around.

He said that 1stweek or 2nd week of February the classes of 2nd semester will start so even semester for SE, TE, BE already started from 16th January, 2023.First 15 days of January,2023 we had utilized for the educational excursion for students where they had experience-based learning from



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industry or from local society or various places they visited all over the country. So we have introduced the educational excursion from last 3 to 4 years basically in the year 2019 and before that we have industrial parents, TEG we renamed as educational excursion. The reason behind that is that as the students visiting various places, interacting with local people and seeing various sites, so looking into that we thought educational excursion is better terminology also whatever industry visit based training supposed to do that we are doing under education excursion.

He said that recently we had E-camp for NSS students for 2 weeks which was local camp organized by Siemens at a village in Vasai-Taluka. It was a residential camp arranged for students which got completed successfully on 20th January 2023 also students reach safely at their home. As Infrastructure work completed last academic year and later we started using it during odd semester and whatever glitches were there the fine tuning were needed to ensure the effective utilization of the building space we are working on that and are improving.

He said about for lab utilization of our department has increased. Open spaces required for the lunch is enhanced for students at canteen facilities. Also by creating set outside the building and seating arrangement has been created at canteen. Next sir said for some sports activity which is regular part of timetable, facility has been developed as per their part of timetable wherein faculty members are allocated for same with one male and one female faculty member from 1st year for taking such load. Also planning for second year allocation from next academic year.

He further added that some of program of type Hackthon as Hacknova progress and it's planned for 02 days, also there is Multicon - W 2023 event which is in February, 2023 last week for whole institute and may be having some cultural programs. There are few forth coming events, annual days scheduled in the month of march and end of the semester around April. We have to focus more on final examination.

With this, Principal sir handed over the session to Dr. R. R. Sedamkar to continue with the proceedings. Dr. R. R. Sedamkar requested to share the last minutes of meeting which was held on 22nd September 2022. Initially, the draft minutes were sent through mail on 06/10/2022 followed by final minutes of meeting were sent after incorporating suggestion received through mail on 14/10/2022 from all concerned IQAC members. He further said there we have extracted the total 28 actionable points which were shared by experts Dr. Anil Kumar Singh and Dr. P. P. Bhavne and some students members from civil department that will shared by our IQAC coordinator. Dr. Rajesh Bansode shared the actionable points as shared by external peer team NAAC criteria wise. The actionable points were received from External peer team during August, 2022.

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

Dr. R.R. Sedamkar invited Dr. B. K. Mishra to brief on some changes done at curriculum level, academic council meeting so later Deans and HODs can add on their part. Dr. B. K. Mishra shared the need to work towards the improvement of the curriculum aspect, so there should be curriculum profile required to be done and profile link should done in this 3 domain which is disused at Board of studies meeting. The three main domains includes: 1) Educational components 2) Training components & 3) Research Components. With this domains activity should be decided and the same



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is to be documented in Board of studies as per curriculum and syllabus along with how students can be tested and evaluation/assessment can be carried out. These days people are talking about outcome based education (OBE) & we have found the same during NBA visit & we realize the understanding is required to be enhanced further and therefore we are working on criteria attributes and link with curriculum so that whatever we do it must reflect in graduate attribute parameter also same OBE activity will be discussed during academic council meeting. We have mapping as per procedure and we define 12 graduate attributes (GAs) starting from Learning fundamental from engineering & science, project based learning, effective communication, finance management development etc. These GAs should be developed among engineering graduates which can be developed through course of studies. The curriculum is due for revision for the next academic year, the direction is given so that minor changes are there in existing syllabus already and HODs have taken efforts and made changes accordingly with the help of Deans and this will reflect as a document and will put for approval after discussion. As per improvement concern, we will look for generalized qualification pack in syllabus which needs to be integrated as industry quality pack skill engineering graduate should produce from our campus so we try to integrate for industry quality pack in our curriculum and that outcome we will see successful in next academic year for curriculum.

Sir further said that we have philosophy of internship starting from first year to final year the student needs to complete 100 to 120 hours of every academic year so that they sum total of that should be 600 hours internships of 4 years. Suggestion from faculty members and industry experts that internship should be for one full semester instead of full year. Now in-house internship for FE & SE student's also in-house activity level internship is conducted and students can do for internship at industry level and go out for learning different skills. Before that it was hardly any learning and some students getting certificate an order for learning to ensure the learning system so in-house internship we are giving for FE & SE is for curriculum and rest of them it's for supplement for curriculum credits preferably for 6 month from industry for semester 6 or Semester 8 and path could be different. It should be learning based, planning to bring some changes for exiting students may be affected for final year students those who are selected in the semester 7 can go for projects. Internship can be conducted at industry for 6 month they can learn in depth also its productivity improvement in curriculum based which is training industry qualification pack into curriculum and improve internship.

Mr.Gaurav Ghelani said that first of all thank you so much for having me on this particular call as a part of the IQAC member and the thing just listening to the highlights which has been shared last 15 to 20 minutes. I think really commendable job which has been done by the leadership and the entire team. So, i think it's great to be a part of it while discussing on the collaboration with the industry.

He also said that, he believes in what mean there were some points which has spoken about with respect to internships a lot of contemplation in terms of whether the internship should be there in every semester or not order should be there in one full-semester. Experience really makes a lot of difference when the entire semester is dedicated to internship rather than having maybe fifteen twenty days or maximum one month or one half month in every semester. Because the moment the student comes for an internship for the entire sixty six once for a semester or the entire semester student will get a lot of chance to learn to work with the industry experts in a span of five to six months of time will really be very helpful for students to understand in depth and can



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gain a lot. I would say lot of insight would be gained during the particular internship so based on my experience with other universities outside Mumbai is that they have the entire last semester as internship which is very useful.

Also in this case would be because by the last semester the student would already have got the placement, they have already got the recruitment in the seventh semester itself so the placement team should work with industry and try to convince them to involve the people who have got the job offers from organization.

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

Dr. Sheetal Rathi said that the conduct of internal academic board meeting was held on 19th of December 2022 where all the HODs, Section In charges and activity heads of institute were present and discussed. The common consensus was that the whole teaching learning process and the evaluation system based on the outcome of that particular meeting certain points for approval for BOS which was conducted on 9th of January, 2023. So one of the initiative which we took is to introduce one module for third and final year where in real life applications or some case studies can be introduced so that an industry component is introduced as part of the curriculum itself for every subject. Next, is to enhance the teaching learning process it is suggested that every subject is now going to adopt 02 pedagogies for each subject based on its relevance to know about every faculty adopting 02 pedagogical initiatives.

Mr. Mavendra Pratap Singh said that i just meant to the entire presentation really good what the faculty and students and the college is doing but i'll just make them so my first would be if we can just start introducing some modules or some chapters in every subject that can be taught by an external members so this is a completely different from what a seminar or a webinar is properly delivered in the classroom. Probably get some faculties from different colleges in Mumbai itself and ask them to deliver one chapter so that students are in a subject. I am not sure if this is already being done so we can look into the pool of the alumni some faculties which are known for some specific subject across India or wherever if you can get them on board so that will give the students different flavours of learning the same subject from different people also will keep the competition high. Second would be if we can offer some short term projects so instead of internships which are like really long and time consuming short term projects which can be given to them not by the institute but by external stakeholders such as the certain industries or companies so short term projects would be like two months or three months but that doesn't require the student to you know give like these many hours per day so they are flexible enough they get one module to work upon and then they submit the industry /external expert can evaluate short term projects that are really something that helps a student do exactly what they really like and work on those projects and give it to the industry back the finished projects. We can take the feedback from the industry about the work student has done. It would be similar to an industrial visit & can have a student exchange programs among institutes, industry which are reputed for certain a specific product/service.



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Thereby few exchange programs with IITs or NITs or even abroad if student exchange program is feasible then if we can do something on those lines.

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

Dr. Vinit Dongre said that starting from publication and in this year till this semester we had total 83 publications. Now generally the publication number will increase gradually with the end of the academic year. It is because student's project completion will result in the publication. But still we have 83 publication data and out of that 37 are in the quality or journal that in the Scopus, Web of science so that this number is adequately less as compared to previous AY 2021-22 total 28 and in 2020-21 publication count was 20 and before that we had sixty papers so this is regarding the publication on quality aspects we are improving step by step.

Next, sir said about patents till now we have 38 patents out of which 14 patents are granted so these 14 patents, 01 is the Indian patent and 06 are Australian patents that are granted and 07 German patents are granted. We are also planning to go ahead with the various other countries where we can go for the filing of the patents it so consistently the number is increasing these here and so we will try to match with the previous year number again that is similar to publication after the at the end of the academic year at this number of filling encourages.

Sir further explained about sponsored research in the case of sponsored research in this AY 2022-23 we got funding of 9.5 lakh for 2 grants. Both the grants received were from AICTE now in this regard we have to work a lot here we have submitted different proposals to the funding agency like DST, SERB we submitted the proposal which is more than 6 crore specific for 6 crore 9 lakh out of that new proposal presented is more than 3 crore for examination process some are done at presentation in online process with respective agency.

Consultancy as per bifurcation we done at 2 level at industry level also we interacted with industry and understand what are their need they are struggling for product certification from government agency for medium scale or small scale so we trying to improve this area are new to explore apart from consultancy area. Next sir said for corporate training so for corporate training is again one of the area where we're going so recently we have finish the corporate training which central bank of India and we're also trying to get the corporate training from various corporate agencies so that is what the area for corporate training then this is what they exposure here for the student, faculty for their publication so this exposure is there. The brief about the 14th year of international conference Multicon-w 2023 is scheduled in February, 2023 wherein more than three thousand participants may join in this conference. In the previous years the conference like ICWET'10 had 321 citation IC-ICN 2020 has 26 citation count so whatever the publication we made is based on affiliation from springer, ACM, IEEE Explorer etc. so these are the journal citation where the papers were submitted for in-house conference i.e. Muticon-w and there are some on the books, so we have published based on the book chapters. Sir also showed the glimpses of Multicon w 2023 and informed all to participate.



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Next planning for coming semester that is for the complete academic year we're planning for sponsored research and for the entire institute the publication count planning is 02 publications per faculty per year along with 02 patents per department. We are trying to improve on the consultancy also accordingly.

Dr.R.R. Sedamkar said that we have a lot of suggestions which can be acted upon in the next six months and now sir said that last cycle we have two more years it must be completed by just as you all know we got extension of two more years and know we have acted upon became far from yeah we were and now a consolidated efforts here in this if the score goes about three that we will definitely be achieving A+. Sir request our members to give suggestions also one of the suggest were sir would like to bring it to highlight this point last time committee what they said the number that the denominator is so high that the whole of these efforts when it put this thing that will come very low so that needs to be acted upon by their respective Deans because it is a coordinated effort to be around 237+ faculty to increase to 255 faculties but sir said the every faculty with his/her contribution needs to be mapped & monitored and then again the values will go high with that in my request to for that next two years we can have more score on the whole of this particular this agenda.

Also sir said ,UG research is also another important area where the suggestions are coming so the policy needs to be created then we're going for UG level are indeed needs to be strengthened with any suggestions on those points and even a student stated about the present students and parents a thinker. We have two parents attending this meeting and were asked if there are any suggestions so that we can incorporate those suggestions which were received quite timely. As we have two years to go to implement and bring up the outcomes.

Mr.V.N.Datta sir said that in teaching process during visit suggestion for this is there's some sort of credit could be given by industry experts to the students for assessing the student's industry knowledge. We will structure the program accordingly & the industry knowledge gained can then be converted into some sort of question paper as students required for project report then to access the project and get some marks but that could were the knowledge gained can be converted into some sort of question paper by the industry expert jointly with faculty member which will be more fruitful to students. The students attending industrial visit should take it more seriously & can think over it.

Mr. Arya Mishra said for the entrepreneur students, we should have E-Cell, as we still have incubation and we can revive it though E-Cell of the college again. To have a committee for e-cell so that there's more awareness like all the student council those who want to be a entrepreneur after final year, also still can take on board but a specific committee be there at college having E-Cell where all students can get to be in touch and collaborate with mostly serious E-Cell like competition then it brings awareness. I suggested that if we want to bring ABL as the support like since one of the semester is can be in a activity based on that just understand basic things and buy their profit and learn how to build a business also branding better the mark better word out a key profit and loss



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basic business skills at an initial level outside of which i also feel like there a lot there are a lot opportunity job by that well in in entrepreneurs supply climate like working with form is working as an analyst venture capitalist firms like working as founders of office for an emerging startup of your like even like product roll the product management role.

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

Dr. B. K. Mishra said, Library facilities concern more or less is similar related to books requirement may be for syllabus revision and this requirement from students and faculty side as well due to emerging topic the librarian as per the set process he is procuring the thing also some spaces increased for students for coming more 7 year and will not face any problem accommodate any additional books.

He further said that there is hard bound book or supplementary eBook is also concern for journal subscriptions then we are taking eBooks from publisher so that students can access that eBook and journal for their project. Also, how the utilization can be improved in terms of infrastructure to increase the utilization. We are trying to have vocational courses also in terms of trying and strengthening the technology and engineering courses for may be increasing intake from campus engineering building or may be recruiting faculty members so optimum utilization can improve and then we also have to see that whatever the outcome are required for international level or national level for better ranking or rating of institute may be cooperate agencies we must comply with that and today we may with comply with regulated compliance and tomorrow we need to see that how can we compete at national and international level so that we should thing to develop center of excellence, lab of excellence, lab which are industry enabled, skill oriented development activity thing can be carried out today. We are enabled the things campus thing for industry level or domain of the computer science, communication engineering may be in mechanical may be in the domain of industry 4.0 this things we are planning to improve for infrastructure facilities and few of the courses having natural growth and lab will developed so whatever rooms are unoccupied may be occupied for future by developing labs and classrooms.

Sir said that, it would say that things can be done towards academic programs and then suggestion improve the curriculum, infrastructure, library facilities. I suppose to share with you which is part of development within 6 months.

Mr.Gaurav Ghelani said that the students will be able to understand the culture of organization was able to understand the nature of organization while working of that organization even before joining for that is going to be the plus points. The mentors were investing the time in grooming the intent they know that you're not they are the people are going to join them after six months to get the industry ready talent so it's a win win situation.

So suggest you know i mean having semester internship be very much useful number. Thenext point which written down while you're not you're going through the the highlights do focus on having some credit from the industry as well i think that is where the mentors are the expert from the industry when they will come and they will contact the credit course which might be half



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credit, one or two credit depending on the feasibility of industry person or college and keep 10 or 12 session on one topic so that will give student as application based knowledge because industry person will talk about the technology rather than theory of that part so do leverage model will work.

He further said that more focusing on first year and second year internship rather than go for Internal context, internal project competition or various activities which they can participate like poster making competition or generic topic so they may be explore the talent because they are not engineering knowledge at first year so exploring leadership thing so they will groom up and skill will enhanced. For SE & TE go for industrial visit and for final year let help them in the last semester internship because now they have visited the industry and they have seen how it works i'm sure that will help them also focus on might be industrial visit for a second and third Year.

Also Sir suggest in first year might be some internal competition participate for this they will get really enhance the quality of their other skills which they the quality of the employee abilities skill which you're not the employees are looking for because this contest will really help them to get the best of them. So, I am sure you should focus on the quality which is already there how we can get the quality to the next level is something which will really help them. Let me check from my experience i and my knowledge or not while interacting with other institutions thank you very much for all your suggestions are welcomed. Now proceeding with the meeting i think other industry members are not have and will take sugges tions from student member's months the teaching learning process starts.

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

Dr. R. R. Sedamkar requested Dr.Lochan Jolly to present what does being done in this area in the last supported by pure accuracy sell and then there are a lot of accurate which are facilitating the whole of this sub action to protect. Dr.Lochan Jolly to share the highlights of what has happened in the last six months so she started first with the internship. So internship is in place and we have signed more than 15 NGOs based on that they gave the problem statements to the students during the internships then we also included those NGOs who have signed their MOUS through organizing and helps for hackathon and based on that we got grants from AICTE organizing the internships and like just that over and Indian knowledge system and students have been engaged in doing those with fresh and such distinguished then we have regarding participation of the students at the national level and others our students have participated in BITS Pilani also be organized start a competition which is a national level competition hackers on let his going are we also a plan to organize the sports event that a national level in the college in the next semester. Next we did planning mapping of other activities we are on mapping the core curriculum and extracurricular activities with the graduate attributes even works on be HSD activity for curriculum with respect to the a team based and making it more helpful for faculty development program as suggested in our last year external audit we have organized outcome based education FDP during the summer break and also the guided approach for writing a research paper then regarding participation of the faculties are in



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other outside we have a faculty team of TNP or participated in making the quality happen competition and were the winners in us again participating on similar competitions on quality in the be quick and two teams are parties the painting on a regarding the motivations of the students or activity participation in learning by doing other things other than the curriculum one hundred activity point is well in place and students the consolidation is done and according to the completion the same has been the consolidated and given through the exam section while avoiding regarding HOC cell they organize the Edu fair counselling and other thing which is well in place and is going but she request TNP to add the other initiatives of trainings and internship and placement that they are taking to add and student exchange point of that we are adding more partners we already have the partner it for the team is working adding there be to organize activities with team be had their student and their exchange programs us to put and holds up and joining their college during the summer.

Dr.R. R.Sedamkar said that, the main points are covered and the activity outcomes to start coming in the next quarter which will be helping for students for their skill progression because this is one of the in important criteria and sir said this time is all visit the NAAC portal and there is a revised the action taken which as in prevented and now we are doing lot of things action that happening also to consult return so that to score the best based on action taken.

Dr.Sanjeev Chaudhari Said that, we are planning to you transcript along with the results these actions are in progression

Dr.R. R. Sedamkar said that, student's progression and services where our results we have good examination improvements than ever. Training & placements are training students for placements and already action has been taken then we have training the students this edition which has come in the last academic audit. The motivation and the kind of work is for increasing the median salary. This action is given by IT department where it is said by HOD that the median salary of 16 students is increased so the point where it was made is that we should be the best in terms of offering up highest median salary among other institutes. This point should be taken by the training and placement office so that the specific effort should be made to improve the median salary not in general. We are doing lot of effort now specific efforts and a policy for increasing the median salary should be in place this suggestion came in the last meeting.

Dr.Amol Dapkekar said for Training and placement activity sir just briefed about how placement was the initiated and how we have improve from our placement perspective it was likely mentioned that median salary was the issue earlier now than we changed activities from online to offline first of all believe we did the interactions this time where we visited in the industry, multiple companies around ten companies are where the core industry within Mumbai and we have visited more than 30 companies within the last month but with that and we have had a we have had an interaction with many companies through virtual team also as HR team as well as the academies so interaction having increased compared to the previous year and this ensured that wouldn't it also increase talking about the trading activity and this time we have increased the training activities



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Employability skill and development perspective based on aptitude almost ended up of training was conducted in physical mode are from last year's we not able to conduct the physical mode.

We also added coding clubs from resource persons so these are the new activities use where the student clubs were comp are for recording purposes and many activities were conducted by student how effectively perform and finds out perspective also have been implemented for us other than these are talking about the internship one of our students were going to pass up in the year 2023 the electronic students have got like out for a month stipend even in Microsoft and so many other company talking about the place when the last six months from July to December particularly for a batch 2022 we have total placement of the student is 393 so which is 77.7 out of total students only the placement is doing the maximum salary 2022 batches the salary was 33 LPA and 2022 batch salary was 3 lakh and 2023 batch 3.5 lakh whereas median salary is 4.5 lakh and highest salary is 6.5 lakh and still working on it and in phase 3 students get more chances in company.

Mr.V.N.Datta Sir said that, any form is there if student having any issue for taking feedback of students

Dr.LoChan Jolly said that ,We have formal system of taking feedback not for twice a semester also there was meeting with Principal sir before meet we collected all kind of issues also we addressed in the meeting and action plan is decided and initiative taken accordingly.

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

Dr. Sujata Alegavi said that for IoT Department infrastructure resources learning are now planning to have a development lab which we are going to propose that will be on IIOT and which we are taking guidance from the Y.S.Rao sir who is from SPIT. And with his guidance will be in developing IoT lab in our college. Then we are having students support and progression for students so what we are plan for SE & TE students so we are collaborating go together so they can link each other they will not be working separately so what the we can have mini project and research-based topic for activity. Next in innovative and best practices setting a new innovative practice where we actually shared our videos of our project on the LinkedIn profile so based on that students get more practices and get exposures.

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

Dr. R.R. Sedamkar said that, all of this academic process as well as supported Dean academic, HODs and the operational level are running it now, Sir requested Dr.Sheetal Rathi Dean Academic who had conducted internal academic board meeting and there are some things which are to differentiate apart during other engineering institute a request be permitted to prevent any addition to the principal and then the innovations introduced during the last six months.



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Dr. Sheetal Rathi said that as sir mentioned about qualifications pack, so we're trying to integrate the contents of the qualification pack especially for level four five and six and as a curriculum whenever applicable and in terms of electives are there was the suggestion that more offerings open elective should be given initiatives taken from this semester that we are now promoting the more courses which offer from NPTEL & SWAYAM to and for certain online courses credits can be transferred to the students are they're offering they are taking these courses through books specially for open elective so strategy will be permanent how to transfer the credit for those particular case academics.

Dr.R. R.Sedmnkar said that before we take the suggestion from students and alumni the HOD can present action taken in the previous year cycle like where the last six months because some departments can present the action taken with respect to the actionable points which were already presented. Let us start with the any department and please share your actionable points and taken report so that for the knowledge to offer to the students and the external industry and adviser it'll be helpful to give their submissions.

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

Dr.Sangeta Vhatkar shared few actionable points and action taken points. In first point the academic flexibility of the course offered to the students should be enhanced and the curriculum improvement should be up with a 10% on the continual basis. Currently, we are offering the professional and open elective courses in six seven and eight semester and a twenty percent modification in the syllabus is done in the academic year. Even we are adding the capstone project in professional bodies and this action taken on this point is as far as the professional are elective courses and offering and end semester examination taken our mission and its assessment is done. As for the practical examination is conducted the oral exam also conducted even the capstone project is completed by the students and evaluated. The next is comparative study of course a curriculum and it should be initiated alone without profiling of case so are the current state so whenever designing a curriculum that is input taken from that industry experts.

In addition, a twenty percent of that they are doing or what their syllabus for that purpose they are applying the case model for each curriculum SE TE & BE for its implemented. Then in next point, the internship in IT department once students were selected for the internship at the Bangalore and two students got paid internship in J P Morgan. So all the action taken is that the students one in the industry with the with the stipend there's a few related to curriculum enrichment for the all-round development should be initiative for current situation is that ABL,PBL,RBL,ESD,PS AND RBL conducted for third and final year students. The next point is FDP should be strengthen to need as per cattlemen for students also we are planning FDP for non-teaching staff so they can help students also we conducted some workshop for students. Next credits offering curriculum design beyond curriculum offering should be as per NEP 20202 so now added industry aligned subject in semester



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VI as RPA and action taken as RPA added as professional elective subject. There should be efforts to improve the median salary of students in line with contemporaries so action taken was 77 % students got placements.

Dr.R.R.Sedamkar said that a similar actions have been taken by all the departments are at par. Any of the emerging department's like we're ever IOT, AI & ML, AI & DS, Cyber security one of the department can share the action taken and actionable points that it'll give the idea to the external members that what kind of actions have been taken.

Dr. Sujata Alegavi said that, first as they got a good grasping what we have done this time and we added GATE level subjects missing from this old syllabus we have got approved it in BOS meeting. All ABL, PBL, RBL, ESD, Internship from the industry for students and sir as directly said our industries people are coming and we are offering it for our third year students and that is going on or those internships which are under different tracks where industry people are guiding on daily basis, weekly basis and evaluation is done and we are taking things into consideration for students for up to actually getting a gist what skill oriented so we're making the most you know a did so that they can have a real handsome practice in industry that is from a particular aspect of going further for teaching that this time what we have planning for use 02 pedagogical tools. Next is Research based consultancy but this time we have taken some students and faculty members together so that we made groups so that they can work together to bring upon more research problems in the department it can be solved with the input from the industry there are many industries which are getting contacted actually giving good inputs to our students.

Dr.R.R.Sedamkar said that, now based on these department's like the older one and new department based on that will take suggestion from alumni and followed by V.N. Datta and GS and offering given by heads of departments followed by faculty

Sir requested Mr.Arya Mishra alumni of TCET to share their suggestions. He said the current batch has 60-40 pattern divide current procedure and process seems good there are lot of suggestion and we implemented and changes have been made so everything looks good and current students who will going through change will have their perspective we can takes once so whatever we had phase and failed he guess those of changes have been incorporated and it up to current batches will help.

Dr.R.R.Sedmkar said now we have parents member from first year Dr. Hemant Katuriware from second year we have Ms. Jyoti Kashyap because your suggestions well we have another six months to implement and that the outcomes would be shown in the month of July next year.

Dr.R.R.Sedmkar requested Mr. V.N. Datta, TEG Group advisor to share the suggestions.

Mr. V.N. Datta said that, Principal sir had highlighted the involvement of industry is very important and very necessary which already is in use. There were some technical education gaps due to which the engineer in teaching education for that purpose is required to have industry involvement. The teaching course content at the institute along with the program conducted at industry in between the curriculum should be introduced as a sandwich course for 2 or 3 semesters. Later students after



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completing the sandwich course to come back and complete their remaining curriculum in their 4th year. Such mechanism to conduct sandwich courses for students it's difficult to complete in 1 or 2 semester, for that institute is taking care of it and doing it in the semester. For which there should be structured program for various department and some sort of tutor activity and faculty also to visit industry with students this should done at institute level wherein students can learn basics of engineering as useful for industry. Also we can link academic program with industry with some sort of things can done so student can adjust at industry level.

Agenda 9: To discuss strategies for implementing future plans of action for the year 2022-23.

Mr. Mavendra Pratap Singh said about the E-cell and research point would say that as we are a technological institute and the students would have great ideas which they would have walked upon let's during internship was for project so if there is an E-cell we can make use of the students who have done MBA from our alumni pool if you can get help of them and help the students learn about the go to market strategy for example if they have a product or if they have something that they have worked out from a technical point of view but they really want to know about the mood was strategy for that we can leverage the pool whose which has done who has done mart masters in marketing or let's say sales and everything so they can help these students and guide the students in the E-Cell oh those area.

Dr. R. R. Sedamkar requested Dr. Kamal Shah Vice-principal to share some ideas for academic year 2022 and summarize the points.

Dr. Kamal Shah said that infrastructure wise we are planning to increase as the students increase in early two three different shifts or second year earlier than third year and final year so that we can accommodate them in the lab with the optimum utilization of the resources as the lunch break staggered. She said it all so as the institute now we have started preparing a budget 2022-23 utilization for all the department as the benchmark based on those type of utilization twenty three by a poor and are going to plan and get approvals from management based on autonomy we are progressed based on student feedback and expert feedback. Ms. Jyoti Kasyap said that i agree to then start internship if possible at TCET as an autonomous institution if possible or if there is internship completely for students in every semester yet the placement being in semester 7 and they go into that particular company to have an internship. So comparing that company whatever we say in the company from which they will be absorbed and then at semester 8 can be changed together by the faculty plus a person in the industry whom they have worked with and you know maybe that can become their Sem 8 result. so if that is possible because that i have myself gone through so they'll semester the earlier it was like that's the last semester used to be training sort of and then and this is done a two years the students are basically you're doing internship from the college and maybe the fifth and sixth semester though you don't outright people also can come and give them a skill development training up if possible not in online but an offline mode or the other students and cleared out easily and they can see what this wouldn't are actually doing and small projects can be given to them during that break period between the two semesters.



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Dr. Kamal Shah said that if students get internship in 6th semester so coming in 7th Semester for interview process so it will be skill based and get hired package that mapping students and giving same internship in same company might be challenge on both the module 6th & 7th semester and we can adopt that.

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, He then concluded with a vote of thanks to everyone.

Dr. R. R. Sedamkar thanked all the members and the experts have taken their time to attend the IQAC meeting including alumni members, parents, TEG advisor Mr. V.N.Datta sir and all the other members who were part of IQAC from local society and the employer and other members. All memebrrs have thanked our principal, vice principal including Controller of examination, HODs, In-charge HOC Cell and all IQAC coordinator were part of this meeting. As they have actively contributing towards the journey of quality with their coordinated efforts. We need to take care of some other things which are should not be repetitive. We have to go for better ratings and ranking on this so we will have next quarter meeting in a month of April 2023 and then academic audit in the month of July or August 2023.

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