



Sri Sri Sankar Chaitanya Trust's (Regd.)

THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai¹)

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bangalore²

Programmes Accredited by National Board of Accreditation (NBA), New Delhi³

¹Permanent Affiliated UG Programmes : Computer Engineering • Electronics & Telecommunication Engineering • Information Technology (w.e.f. A.Y. 2015-16)

• Electronics Engineering (w.e.f. A.Y. 2017-18)

²1st time Accredited UG Programmes : Computer Engineering • Electronics & Telecommunication Engineering • Information Technology (3 years w.e.f. 15-09-2011)

³2nd time Accredited UG Programmes : Computer Engineering • Electronics & Telecommunication Engineering • Information Technology • Electronics Engineering (3 years w.e.f. 01-07-2016)

⁴1st cycle of Accreditation : *A* Grade for 5 years (w.e.f. 30-10-2017)

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Minutes of NAAC- IQAC Committee Meeting held on 25/1/19 at TCET Board Room at 4.30 p.m.

Conduct of the Meeting:

Third Meeting of NAAC-IQAC Committee Meeting held on 25/1/19 at TCET Board Room at 4.30 p.m.

Members present:

The members present in the meeting were as per the attendance sheet.

A. Internal members

Sr.No	Name of the Attendees	Designation
1.	Dr. B. K. Mishra	Chairperson
2.	Dr. R. R. Sedamkar	Director of the IQAC
3.	Mr. V. N. Datta	Member from the Management
4.	Dr. Payel Saha	IQAC coordinator
5.	Dr. Lochan Jolly	Senior administrative officer
6.	Dr. Sanjay Kumar	Faculty member
7.	Dr. Vinitkumar Dongre	Faculty member
8.	Dr. Rajesh Bansode	Faculty member
9.	Mrs. Shiwani Gupta	Faculty member
10.	Dr. S.C Patil	Faculty member
11.	Dr. Siddesh Siddappa	Faculty member
12.	Dr. Seema Jagtap	Faculty member
13.	Dr. Vivek Mishra	Faculty member
14.	Mr. Vimal Gosar	IQAC member
15.	Ms. Purnima Chandrasekar	IQAC member
16.	Ms. Ashwini Shanbag	IQAC member
17.	Ms. Hetal Amrutia	IQAC member
18.	Ms. Poorva Waigankar	IQAC member
19.	Ms. Neha Chauhan	IQAC member
20.	Dr. Rekha Sharma	IQAC member
21.	Ms. Vidyadhari R. Singh	IQAC member
22.	Mr. Shailesh Chavan	Administrative member
23.	Mr. Adit Rathi	Student Member (CMPN)
24.	Mr. Akshay Prabhu	Student Member (ETRX)
25.	Ms. Ribbah Shaikh	Student Member (IT)

26.	Mr. Abhishek Narayanan	Student Member (MECH)
27.	Mr. Vikram Mandal	Student Member (CIVIL)
28.	Mr. Satyam Bhikadia	Student Member (EXTC)
29.	Lance D'Silva	Student Member (FE)

B. External Members

Sr.No.	Name of the Attendees	Designation
1.	Mr. Sunil Fernandes	MD Accenture
2.	Dr. Radha Srinivas	IQAC Coordinator (UoM)
3.	Mr. Kailash Choudhary	Alumni and industry representative
4.	Mr. Neeraj Jangid	Alumni

Absentees: Dr. Deven Shah - Vice Principal, Dr. Kamal Shah - Dean-R&D, Mr. Pramod Singh - Accountant and Mr. Uday Waskar - member, could not attend the meeting. Leave of absence is granted to them.

The Agenda Points of meeting:

- To discuss the Curricular Aspects of the Academic programs and suggest improvements.
- To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation.
- To discuss the initiatives of IQAC in sensitizing/promoting Research climate in the Institution.
- To discuss the increase in infrastructure facilities and library facilities as Learning Resources.
- To discuss the contribution of IQAC in enhancing awareness about Student Support services and its progression.
- To discuss improvement strategies adopted by the Institution for Academic and Infrastructure developments (Governance, Leadership and Management).
- To discuss the innovations introduced during this academic year which have created a positive impact on the functioning of the Institution.
- To discuss the action taken by the departments on the actionable points identified in the previous meeting.

To discuss strategies for implementing future plans of action for the year 2018-19.

- The Principal welcomed all the members and briefed about the backdrop of TCET-IQAC cell and its constitution. He introduced the external as well as the internal members.
- Dr. R.R. Sedamkar asked the IQAC team members to circulate the minutes of the previous meeting held on 31st August 2018. He further asked everyone to go through the same.
- The IQAC coordinator, Dr. Payel Saha began with a presentation briefing the significant activities, which included the Teaching-Learning process that mentioned about the

innovative practices implemented for the same. She also mentioned about the R&D initiatives.

- She also mentioned about the improvements made in infrastructure, library services and the amounts spent on the maintenance.
- She also highlighted about the IQAC contribution in monitoring Teaching Learning process by conducting monthly QA reviews and Academic audits for Semester preparedness.
- She also informed about how the institute is providing scholarship, welfare schemes to eligible students under different categories and even mentioned how students are being benefitted from HOC and TPC.
- The NAAC AQAR form submitted on 30th December 2018 was circulated amongst the members present along with the Action Taken Report (ATR) for A.Y 2017-18
- Finally, she ended the presentation by giving the plan of institution for next year.

Mr. Sunil Fernandes enquired about the low female ratio, to which Dr. B. K. Mishra replied that the male to female ratio was appropriate if soft branches like Computer Science, Information Technology, Electronics and Electronics and Telecommunications are considered, but due to inclusion of core branches like Mechanical and Civil which attracts less female students, the ratio drops down.

Dr. Radha Shreenivas said that NAAC insists on “Gender Equality” and the awareness of the same is important in her opinion. To which, Principal said that the demand for the Engineering Course is slightly taking a downturn which has now become a challenge. As far the awareness is concerned, the Principal informed that the institute has taken up the initiative of “TECHWORLD” in which, Dr. Lochan Jolly, Dean-SSW has been to various schools to create interests amongst the young minds about Science & Engineering.

Agenda No. 1: To discuss the Curricular Aspects of the Academic programs and suggest improvements (Criteria I – Curricular Aspects)

- Dr. B. K. Mishra put focus on the curriculum design, which helps in the overall holistic development of the students.
- He further added the introduction of Bridge Courses that has helped to bridge the gap between the industry and Academia. The elective subject is offered as a choice for the TE and BE students at the department as well as institute level for retaining their interests and gaining expertise for the same and plan their higher-studies in that area.
- Mr. Sunil Fernandes asked how the institute receives inputs from the industry. To which, Dr. B. K. Mishra said feedback is taken from the industry during placements, and from Alumni working in the industry. He also informed that the institute holds Advisory Meeting at the department as well as institute level.
- Mr. Kailash Choudhary, Alumni representative pointed out that as the institute gets an Autonomy status, it can plan the curriculum as per the current trends and requirements.

- Dr. R.R. Sedamkar, IQAC Director enquired about what kind of courses should be introduced keeping in mind the current design of the curriculum. To which, Mr. Kailash Choudhary answered that conducting surveys to find out what is the current need and interests of the students may help to determine the same and can be included in the curriculum.
- Mr. Sunil Fernandes insisted to include the latest trends and technology in the industry like Agile Technology, AI, Big Data Analytics, Devops and Machine learning, Internet of Things (IoT) etc. He further added to include the Non-Technical aspects like Communication skills, Leadership skills, Project Management, Finances and Accounting for the holistic development of the students.
- Mr. Neeraj Jangid, Alumni representative informed about the online courses like NPTEL, Coursera, etc. which help the students gain more knowledge and become more technically sound.
- Mr. Abhishek Narayanan, Student Representative-Mechanical Department insisted on conducting Guest Lectures from Industry for teaching few topics. In this context, Principal informed that there has been appointment made in EXTC, Mr. Vijay Pratap Singh, a Retd. Commander as well as Dr. Vivek Bharatiya, Retd. from TCS for CMPN Department. They are providing valuable inputs and providing guidance to the students from the industry perspective.
- Dr. Radha Shreenivas pointed out about the Time-Management aspect for the students as they are exposed to lot many activities and after incorporating them in the new design of the curriculum, how the students will be able to manage time to get benefitted from them. To which, the Principal informed that the new design of the syllabus will help them get dedicated time-slots for Self-learning, Collaborative learning which will help them manage their time effectively.
- Mr. V.N. Dutta said that the institute should implement the curriculum as that of the University and without affecting the study time of students and develop a separate BOS to look after the overall development of students as the institute is trying to mould the students in many directions.

Agenda No. 2: To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation (Criteria II – Teaching – Learning and Evaluation)

- Dr. R.R. Sedamkar asked the students their opinion on enhancing teaching, learning process to which Mr. Satyam Bikadiya, Student Representative of Electronics & Telecommunication department said that students need to be told about the impact of what they study.
- Mr. Akshay Prabhu, student representative of ETRX dept. said that more emphasis needs to be given to imparting practical knowledge and how the theoretical knowledge imparted in class be applied in real life scenario.

Agenda No. 3: To discuss the initiatives of IQAC in sensitizing/promoting Research climate in the Institution (Criteria III – Research, Innovation and Extension)

- Mr. Sunil Fernandes asked if any theme is given to students as a problem statement to work upon. He suggested that some themes could be selected based on which students can develop a project.
- He also said that rather than keeping research open ended, students need to focus on key research areas.
- To this Dr. B. K. Mishra said that the institution has identified 44 problem statements with reference to the government initiative ‘Smart India Hackathon’.
- The student representative of ETRX said that BE students need exposure to writing research papers. To this, Dr. B. K. Mishra said that from the first year onwards, the students are being guided to write research papers along with faculty members and publish in EWPPC under the umbrella of MULTICON.

Agenda No. 4: To discuss the increase in infrastructure facilities and library facilities as Learning Resources (Criteria IV – Infrastructure and Learning Resources)

- An incubation center is in existence in Thakur mall since 2017 to provide infrastructure facilities to students who have their own startup ideas, so that they can use the resources to develop their product.
- As far as the improvement of the learning resources are concerned, Dr. B. K. Mishra said that TCS has approached TCET to come up with an Indian version of Coursera.
- Dr. B. K. Mishra also suggested that the video link can be shared and uploaded on ERP as a learning resource.
- Dr. B. K. Mishra informed that the Institute Innovation Cell (IIC) is formed. It is the initiative taken by Govt. of India in association with MHRD and AICTE. Total 1000 institutes are short listed all over India and TCET is one of them. ATAL ranking, Smart India Hackathon and live webinars from Eminent personalities are activities undertaken by IIC.

Agenda No. 5: To discuss the contribution of IQAC in enhancing awareness about Student Support services and its progression (Criteria V – Student Support and Progression)

- Dr. B. K. Mishra said that the students are encouraged to take up the Online NPTEL courses choosing a faculty member as a mentor and motivate them to opt for the various bridge courses that are offered by the institute to gain the knowledge about the current industry trends.
- Dr. B. K. Mishra said that through feedback from industry, the institute can get relevant inputs as far as overall student progression is concerned.

Agenda No. 6: To discuss improvement strategies adopted by the Institution for Academic and Infrastructure developments (Criteria VI - Governance, Leadership and Management)

- Dr. B. K. Mishra highlighted about the Smart Classroom facility on 1st, 2nd and the 4th floor.
- Mr. Kailash Choudhary added that once the institute attains autonomy, the institute will be in a better position to design a curriculum after taking suggestions from the discussions held in the advisory meet which will further support student progression.
- Dr. B. K. Mishra informed that in this direction, the institute has already constituted the various academic committees including Board of Studies which will be involved in curriculum and syllabus design, bridge courses and in in-house internship.

Agenda No. 7: To discuss the innovations introduced during this academic year which have created a positive impact on the functioning of the Institution (Criteria VII – Institutional Values and Best Practices)

- With regards to innovations introduced during this academic year, Dr. B. K. Mishra asked Mr. Sunil Fernandes what activities Accenture has done to strengthen the society. To this, Mr. Sunil Fernandes said that a competition called ‘TECH FOR GOOD’ is organized by Accenture in which technology ideas that serve the society are asked from the contesting employees.
- Mr. Sunil Fernandes also wished to know what TCET is doing to strengthen the society. To this, Dr. B. K. Mishra mentioned about some problem statements related to rural area that TCET is working upon and also mentioned about the various activities that is organized under NSS and EWT.

With permission of the chair, the meeting was concluded on a positive note with Dr. R.R. Sedemkar thanking one and all on behalf of the IQAC team

Prepared By	Checked By	Reviewed By	Approved By
Sd/-	Sd/-	Sd/-	Sd/-
Ms. Vidyadhari Singh Ms. Hetal Amrutia Ms. Purnima Chandrasekar	Dr. Payel Saha	Dr. R.R. Sedamkar	Dr. B.K. Mishra
IQAC Members	IQAC Co-Ordinator	IQAC-Director	IQAC- Chairperson