



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**

Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

42
years

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department Advisory Board Meeting

Date: 26.06.2021

Time 02.30 P.M.

Mode: Online

Members Present:

S. No	Members Category	Name of the Member	Designation
1.	Principal	Dr. G. P. S. Varma	Chairman
2.	Head of the Department	Dr. D. Krishna Reddy	Convener
3.	Two Senior faculty	Dr. N. V. Koteswara Rao, Dr. P. N. Sastry	Members
4.	NBA Coordinators UG and PG	Dr. A. Supraja Reddy (UG) & Dr. P. Sathish (UG) Sri M. V. Nagabhushnam (PAQIC Convener ME (CE)) PG & Dr. M. Ramana Reddy (PAQIC Convener ME (ES&VLSID)) PG	Members
5.	Two Alumni	1. Dr. Dheeraj Sunehra, Prof., JNTU Jagityala, 505 501 2. Sri. Kiran B Consulting Manager, Ericsson Global India Pvt Ltd. HITECH City, Hyderabad. 500 081	Members
6.	Two Expert members from IITs/NITs/IIITs	1. Dr. G.V.V. Sharma, IIT Hyderabad, Kandi, 502285 2. Dr. Sreehari Rao Patri, ECE Dept., NIT Warangal, 506004.	Members
7.	Employer	Sri D. Laxminarayana Raju, ZF TCI, Waverock, Hyderabad.	Members
8.	Industry Expert	Sri. A. A. Sessa Sai DGM, EMSD, ECIL, Hyderabad-500062	Members

Along with the committee members the other faculty members listed below have also attended to present the required information:

1. Dr. N. Aivelu Manga, PAQIC Convener BE (ECE)
2. Smt. K.S.R.S. Jyothsna, Assistant Professor
3. Sri. Jagan Mohan Reddy, Assistant Professor
4. Dr. K. Suman, Assistant Professor
5. Sri. P. Chandra Sekhar, TLP Member
6. Sri. J. Balakrishna, Placement Coordinator

Minutes of meeting:

The meeting has commenced with welcoming the DAB External and Internal members by the Convener, DAB. Smt. K.S.R.S. Jyothsna initiated the meeting by introducing External members of DAB.

1.	<p>Briefing about Department, Infrastructure facilities – Academic and Research</p> <ol style="list-style-type: none">1. Being the first meeting after reconstitution of DAB, Convener presented the programs (UG and two PG) offered by the department, also presented infrastructure facilities available along with wide spectrum of faculty expertise. Further presented Vision, Mission of the department, PEOs and PSOs of UG and two PG programs.2. Dr. A. Supraja Reddy presented the details about the research activities. Completed, ongoing and applied R&D projects along with publications of previous three years. Also presented programs conducted and financial support extended to the student projects by the institute.3. Briefed about the NCRC lab established under the MoU of SAC, Ahemdabad. Informed about plagiarism check of UG and PG project reports.4. Briefed about the Research Day, Project Expo and Technical fest (SYNAPSE).5. Department encourages the faculty to carry out research by providing financial assistance to execute in-house projects.6. Dr. Sreehari Rao suggested to send students to the industries/ higher learning institutions for internships which will inspire towards research.7. Dr. G.V.V. Sharma suggested to make a policy at the institute level so as to encourage the faculty to focus on publishing their work in quality journals rather than focusing on quantity.8. He also suggested to follow the bottom-up approach, where faculty is self inspired to carry out research.
2.	<p>Academic plans and Standard practices - to improve TLP through training programs.</p> <ol style="list-style-type: none">1. Sri. P. Chandra Sekhar presented a report on Academic plans and Standard practices followed to improve TLP. Department will adhere with the Almanac and Academic Calendar. Briefed about Semester Readiness Program and audit process. Students will acquire Honors Degree/Additional Minor Engineering Degree with earning 20 additional credits through MOOCs2. Sri D. Laxminarayana Raju suggested to combine slow and fast learners as a group and give them a common task to do which will improve self-learning by knowledge sharing among them.

3. Sri. B. Kiran suggested to consider some other aspects like complexity of the work carried out to give credits for internship rather than on only duration of internship. Dr. P. Sathish, Internship Coordinator clarified that a standard evaluation procedure is followed to give the credits.
4. Dr. G.V.V. Sharma enquired about the level of autonomy given to the faculty in conducting the course and what freedom has given to the faculty in delivering the course. Convener, DAB clarified that autonomy is there with faculty in delivering the course content and setting the assignments, CIE, SEE papers and evaluation. Further, assignments will target to address higher order Bloom's Taxonomy Levels.
5. Dr. G.V.V. Sharma suggested to have decentralized system for pedagogy and insisted to have SEE paper setting and evaluation by internal faculty instead of external.
6. Dr. Sreehari Rao supported the suggestion given by Dr. G.V.V. Sharma by saying that it will improve quality of question paper by implementing auditing rather than moderating.
7. Dr. G.V.V. Sharma also suggested to take subjective feedback from students on TLP along with objective feedback. The feedback can be carried out in the middle of the semester so that corrective measures can be taken for the same batch of students. Dr. Sreehari Rao also suggested to conduct review meetings among faculty and students at least twice per semester for enhancing quality of TLP.
8. Dr. Sreehari Rao also suggested to adopt a systematic approach for transforming the ideas from students into start-ups such as conducting a 3 to 5 days open innovation forum at the beginning of semester itself where students can present their ideas towards societal problems. Afterwards training can be provided to the selected students by inviting mentors from industry which can help them to mould as entrepreneurs.

3. Result analysis

1. Sri. Jagan Mohan Reddy presented the result analysis of UG and two PG programs for three consecutive Academic Years 2019-20, 2018-19 and 2017-18.
2. Dr. Sreehari Rao has noted that there is consistency and continuous improvement in the results and appreciated the same.
3. He enquired about whether the institute is having relative grading or absolute grading and suggested to shift towards relative grading as per NBA guidelines. Convener submitted that absolute grading is followed in the institute.

4. Convener presented the promotion rules in response to the query raised.

4. **Industry - Institute interaction - to bridge the gap and to enhance employability.**

A. Dr. P. Narahari Sastry shared information about several activities related to industry interaction including MoUs.

1. Sri Kiran B suggested to provide process related training to the students to make them industry ready.
2. Dr. Sreehari Rao suggested to include internship for one complete semester as per National Education Policy 2020 (NEP-2020) so as to improve employability skills among students.
3. Dr. G.V.V. Sharma suggested to include more open source tools such as Python in Labs. He also advised the department to request the industries to provide training in open source technologies, free software and open platforms rather than proprietary tools.
4. Sri A. A. Sesa Sai suggested to conduct industrial trainings/visits regularly for students.

B. Dr. P. Sathish has given a brief report on the internships carried out by students after completion of IV & VI semesters and during VIII semester. Detailed about the evaluation process for awarding credits and open elective waive-off policy. Also, he highlighted the placements through internships.

1. Sri D. Laxminarayana Raju suggested to create platform in department where senior interns can give guidance to the juniors for choosing the internship.
2. Dr. Sreehari Rao asked about the statistics and procedure for regularizing the jobs based on the internships performance. Also suggested that the institute should have tie-up with companies which can offer job guarantee for the students with good caliber/potential.

C. Sri. J. Balakrishna has given a report on Student Placements, Higher Studies, Entrepreneurships and Student achievements for both UG and two PG programs in three AYs 2017-18, 2018-19, 2019-20.

1. Dr. Sreehari Rao suggested to conduct classes for competitive exams such as GATE, IES, etc. for aspiring students. Convener clarified that during regular course delivery, solving the previous competitive exam questions is a regular practice in the department.
2. Dr. G.V.V. Sharma suggested to classify the placements statistics based on financial/core/software companies. Give emphasis on placements in core companies.

Also he advised to maintain a balance in the placements in core and software sectors.

5.

Student support system –Feedback and Surveys.

1. Dr. K. Suman presented a report about Student support system, Feedback and Surveys, Professional Societies and Student Mentoring. Also explained the analysis of feedback and actions proposed.
2. Existing 22 Extra-curricular and 15 co-curricular clubs will contribute towards holistic development of the students.
3. Separate hours are provided in the Time Table itself for student mentoring in academics and Fit-India for student wellness.
4. Dr. G.V.V. Sharma appreciated the procedure carried out for feedback system and mentoring.

6.

Present PAQIC reports.


1. Dr. N. Aivelu Manga, convener of PAQIC UG program presented the PAQIC report of BE (ECE) Program.
2. Sri. M.V. Nagabhushanam, convener of PAQIC PG (ME-CE) program presented the PAQIC report of ME (CE) Program.
3. Dr. M. Ramana Reddy, convener of PAQIC PG (ME-ES&VLSID) program presented the PAQIC report of ME (ES&VLSID) Program.
4. Dr. G.V.V. Sharma suggested to send the faculty to premier/ higher learning institutes for training for a period of at least one month to acquire knowledge on best academic practices followed there.
5. He also suggested to think ahead of industry requirements and acquire practice for using futuristic open source tools and advanced processors such as RISC 5. He also suggested not to integrate the licensed tools (like Cadence, Xilinx, Matlab etc.) in regular teaching. Prefer open source tools such as Python. These tools can be used to do the projects.

7. To discuss - SWOT analysis of the department and Future plans / Goals.

1. Convener, DAB presented SWOT Analysis, Future plans / Goals of department.
2. DLN Raju pointed out that PG placements are less and suggested that PG students can be given opportunity to join as junior research fellows in the department itself. In connection to this, convener submitted the information that 3 PG students have joined the department as assistant professor on contract basis.
3. Dr. Sreehari Rao suggested to have collaboration with T-Hub to encourage entrepreneurships among students. Convener informed that five students are trained for 1 year by T-Tribe of T-Hub on Entrepreneur skills.
4. Sri. A. A. Seshsa Sai suggested to include the courses related to Green Energies, Electric Vehicle technologies and Green Communications in the curriculum as being the present technological trends.
5. Convener informed the availability of "Green Communication" as program elective in R-20 Curriculum.

8. Any other item with the permission of the chair.

1. Dr. Sreehari Rao expressed appreciation on comprehensive report given by the department. All other members also opinioned the same.
2. As there being no other item for discussion, the meeting concluded with vote of thanks by Smt. Ghata Chauhan, Assistant professor, Dept. of ECE. She expressed her sincere gratitude to the expert members and faculty.


Prof. G.P.S. Varma
Chairman, DAB
ECE Department

Copy to:

1. Principal for information
2. DAB Members
3. Faculty, ECE Dept.