



CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)

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



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

44
years

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Department Advisory Board Meeting (DAB)

Date: 29.04.2023 Time 10.30 A.M Mode: Online (Cisco Webex)

Minutes of Meeting

Members present

S. no.	Name of the Members /Category	Name	Designation
1.	Principal	Dr. P. Ravinder Reddy	Chairman
2.	Two Senior Faculty	Dr. N. V. Koteswara Rao Dr. P. N. Sastry	Members
3.	NBA Coordinators UG and PG	Dr. A. Supraja Reddy & Dr. P. Sathish (UG) Sri. M. V. Nagabhushanam & Dr. M. Ramana Reddy (PG)	Members
4.	Two Alumni	Dr. Dheeraj Sunehra, Prof., JNTU Jagityala, 505 501 Sri. Kiran B, Consulting Manager, Ericsson Global India Pvt Ltd. HITECH City, Hyderabad. 500 081	Members
5.	Two Expert members from IITs/ NITs/ IIITs	Dr. G.V.V. Sharma, IIT Hyderabad, Kandi, 502285 Dr. Sreehari Rao Patri, ECE Dept., NIT Warangal, 506004.	Members
6.	Employer	Sri D. Laxminarayana Raju, ZF TCI, Waverock, Hyderabad. 500 081	Member
7.	Adjunct Professor	Dr. K. Satyanarayana, Adjunct Professor, Dept. of ECE, CBIT	Special Invitee
8.	Head of the Department	Dr. D. Krishna Reddy	Convener

Leave of Absence:

1.	Industry Expert	Sri. A.A. Sessa Sai, DGM, EMSD, ECIL, Hyderabad- 500062	Member
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The meeting commenced with a welcome by Smt.KSRS.Jyothsna, Asst.Prof Later, Convener DAB, Dr. D. Krishna Reddy presented the objectives, Roles and Responsibilities of DAB.

1.	<p>To approve the minutes of DAB meeting 2022 Last year's DAB minutes of meeting were approved.</p>
2.	<p>To brief about Academic plans, Research activities and Standard practices - to attain PEOs and also to improve TLP through FDPs on latest domains. Dr.M.Bhanu Chandra, Asst. prof (Research coordinator), presented the research activities in the department such as ongoing sponsored R&D projects and Consultancy projects along with patents and Publications in the current academic year (2022-2023).</p> <p>Institute extended the financial support of Rs 10,000 each for 5 UG Projects.</p> <p>Sri. Kiran Suggested to get in touch with startups like T-Hubs to get more consultancy projects as they need some R&D support.</p> <p>In this context convener DAB informed that the expertise of the department submitted to the defense labs for seeking the sponsored/consultancy projects</p> <p>Dr. Sreehari Rao Patri suggested to frame legal obligations, moralities, rules, terms, and conditions for consultancy projects and publish on the CBIT website so that clear idea will be there to the people who wants to work with CBIT.</p> <p>Convener, DAB informed that R&D external sponsored Research policy, External consultancy research policy along with code of ethics in academic research are already published on the CBIT website.</p> <p>Sri. P. Chandra Sekhar, Asst. prof, presented various standard practices followed by the department such as Almanac, Academic Calendar, Course Audits, Semester Readiness Program (SRP), Department audits, technical fests, Research Day etc., Also presented TLP committees such as Common Course Committee (CCC), Multiple Course Committee (MCC), Overall Monitoring Committee (OMC) and Course Expert Groups (CEGs) including Remedial Classes for monitoring TLP and improvement.</p> <p>Dr. Sreehari Rao Patri enquired about the activities of T&P cell and is there any effort to increase the core placements.</p> <p>Department responded that considerable efforts are there and there is an increase in internships offered by VLSI core companies like VEDA IIT, Silicon labs, Synopsys. Most placements are in IT companies than core domain</p> <p>Dr. Sreehari Rao Patri replied that the market is like that but you can try in research fields and public sectors.</p>
3.	<p>To brief about infrastructure & ICT facilities and Budget Dr. S.Radha Associate Professor presented the details of infrastructure and ICT facilities, Automatic Weather Station (AWS) installed in CBIT by NARL, DoS, Gadanki, Tirupathi and presented the details of budget proposals submitted for FY 2023-2024.</p> <p>Additionally, Convener, DAB informed that department is requesting authorities to establish a digital classroom.</p> <p>Dr. Sreehari Rao Patri suggested to collaborate with NIT W in the 5G domain.</p> <p>In response, Dr.M.Vinodh Kumar informed that the Institute is having ACIC cell for startups.</p>

Dr. Dheeraj Sunehra suggested to get perpetual license for Microwind tool for VLSI Backend design.

Dr. M. L. N. Charyulu responded that there are 20 Cadence licensed users for analog and backend design.

Dr.B.Khaleelu Rehman supported that the department also has Xilinx Vivado, Advanced 7 series Z-boards and Spartan-6 FPGA kits.

4. **Industry – Institute interaction, quality initiatives to enhance the employability**

Dr.K.Sudershan Reddy, Asst. prof. presented the details of student Internships, MoUs, Results and placements and shown the placement website created by the department to maintain the database.

Added to this Convener, DAB informed about Career development Cell's (CDC) activities, such as gathering information about students' interest in core placements, IT placements, entrepreneurship and Higher education. Accordingly, CDC will make appropriate plans for conducting CRT programs, carrier development activities and other training initiatives.

Dr. Sreehari Rao Patri suggested training programs and elective courses should start from 3rd year onwards to make the students Industry ready and also suggested to interact with the industries to know their requirements to recruit students.

Convener, DAB informed that industry experts are empaneled in all committees such as PAQICs, DRC, BoS and DAB. Suggestions from them to imbibe required skills among students to encourage startups.

Dr. K. Satyanarayana, Adjunct Professor, said that industries are getting less applicants for hardware jobs. Though the starting salary of core jobs are less compared to IT jobs but with experience they are getting exponential growth in salaries. He also suggested to enhance the activities to take place more startups.

5. **Student support system – Feedback and Surveys**

Dr.P.Narahari Sastry, Professor presented details about the Student support system such as Mentoring system. Presented the different stakeholder's feedback received for curriculum development.

Dr. Sreehari Rao Patri suggested curriculum should be open to have an industry-oriented course that has to be structured and mentored by Industrial experts to attract core jobs. Upon the completion of such courses students may seek the opportunities specific to that core industries like Analog Devices (AD) and Advanced Micro Devices (AMD) etc.

He also said the curriculum should be designed in such a way that it can meet the dynamic changes of industry needs.

Dr. D. Krishna Reddy replied that we will incorporate the given suggestions of including industry oriented open courses for upcoming curriculum i.e. R-22.

Smt.A.Satyavati, Asst Professor, have presented various technical club activities of the department.

Dr. Sreehari Rao Patri suggested to jointly host and organize the events under IEEE Circuits and Systems Society.

Smt. Ghata Chauhan, Asst. Professor, presented the process of taking feedback on teaching learning process and action taken on that. She also presented about CAMU ERP.

Dr. Sreehari Rao Patri, appreciated that all aspects of feedback mechanism are being followed as per NBA guidelines.

6. **To discuss attainment of POs, PSOs and PEOs and their improvement plans**

Mr. Md. Ziauddin Jahangir, Asst Professor, presented POs, PSOs and PEOs attainments for UG and PG programs and also demonstrated the website developed by the department for calculating COs, POs, PSOs and PEOs attainments.

Dr. Sreehari Rao Patri appreciated the department efforts.

Dept requested suggestions from experts regarding the attainment of POs which were not attained in last Academic year.

Dr. Sreehari Rao Patri suggested to improve the TLP process for such courses which are mapping to those POs by increasing the number of contact hours and also ensure that same subject faculty are assigned for the mapped lab courses. He advised that the lab equipment, both hardware and software should be updated for improving the attainment of said POs.

7. **To present PAQIC reports**

A brief report on the UG PAQIC meeting conducted on April 15, 2023 was presented by Professor Dr. P. Narahari Sastri, Coordinator B.E (ECE) program.

Sri. M. V. Nagabhusanam, Assistant Professor, Coordinator M.E. (CE), gave a brief report on the ME (CE) PAQIC meeting that was held on April 15, 2023.

Dr. M. Ramana Reddy, Assistant Professor, Coordinator M.E. (ES & VLSI-D) gave a brief report on the ME (ES & VLSI-D) PAQIC meeting that was held on April 15, 2023.

8. **To discuss - SWOT analysis and Future plans/ Goals**

Convener, DAB presented the strengths, weakness, opportunities and threats of the department and discussed about future plans. He informed that honorable management is favourable for the proposal submitted to start a new UG program entitled "BE in Electronics Engineering (VLSI Design & Technology)" from AY 2024-25. He also shared that institute is having limited consultancy projects, low PG enrollment ratio and less core placements.

Dr. Sreehari Rao Patri suggested to rename and restructure the ME (CE) program to increase the placement opportunities to order to improve enrollment

Dr. G.V.V. Sharma enquired about the growth of faculty in their career and what are the institute roadmap for assessing the faculty resulting in good quality research and publications.

Dr. N.V. Koteswara Rao, Director IQAC responded that faculty self-appraisal reports are assessed based on CBIT listed

Dr. G.V.V. Sharma suggested to look beyond the listed journals for assessment and concentrate on contents of research.

9. **Any other item with the permission of the chair**

The committee appreciated the department's performance.

Dr. G.V.V. Sharma suggested to send the faculty to the premier institutes such as IITs, NITs and top 50 NIRF Ranked Institutions to expose to the latest technologies / technical Engagement/Collaboration for at least a period of one month. Knowledge gain and skills acquired will be helpful for all the UG and PG programs of the department. Also asked to present these statistics in the next meeting.

As there are no other topics to be discussed, the meeting concluded with a vote of thanks by Dr. K. Suman, Asst. Prof.


Prof. D. Krishna Reddy

Head ECE Dept.

Convener DAB, ECE Department HEAD

DEPARTMENT OF ECE

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


Prof. P. Ravinder Reddy

Principal, CBIT

Chairman DAB, ECE Department

Principal

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