

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbti.ac.in



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

47
years

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of Departmental Research Committee (DRC) Meeting held on 28th Mar 2026

Members present:

S.No.	Name	Affiliation	Designation
1.	Dr. K Vasanth	Associate Professor and HoD, ECE Dept., CBIT	Chairman
2.	Dr.P.Narahari Sastry	Professor, ECE Dept., CBIT	Member
3.	Dr.M.Bhanu Chandra	Associate Professor, ECE Dept., CBIT	Member
4.	Dr.Mohd.Ziauddin Jahangir	Assistant Professor, ECE Dept., CBIT	Member
5.	Dr.Ch. Mahesh	Director, Kalaburagi Airport Airport Authority of India	Member from Industry
6.	Dr.S L Sabat	Professor, Dept. of Electronics, HCU	Member from Academics
7.	Dr.Vinodh Kumar M	Associate Professor, ECE Dept., CBIT	Convener
8.	Dr.D.Krishna Reddy	Director R&D, CBIT	Special Invitee
9.	Dr. T. Sudhakar Babu	Associate Director R&D, CBIT	Special Invitee
10.	Dr.Vivek Singh Kushwah	Professor, ECE Dept., CBIT	Special Invitee
11.	Dr.Supraja Reddy A	Associate Professor, ECE Dept., CBIT	Special Invitee
12.	Dr.Vani	Associate Professor, ECE Dept., CBIT	Special Invitee
13.	Dr.N.Dhanalakshmi	Assistant Professor, ECE Dept., CBIT	Special Invitee
14.	Dr.Ch.Navitha	Assistant Professor, ECE Dept., CBIT	Special Invitee

Leave of Absence:

Dr.D.Krishna Reddy, Director R&D, CBIT

4/2/26
28/03/26

S. V. S. S.
28/3/26

The meeting commenced with the Head of the Department welcoming the external DRC members, committee members, and special invitees, followed by a presentation outlining the department profile, academic research (publications, patents, and Ph.D. supervision), MoUs, achievements, sponsored and consultancy projects, in-house seed funding projects, and R&D policies. The convener informed the committee that the department had implemented all the suggestions made by the external experts in the previous DRC meeting, including organizing guest lectures by industry experts and showcasing faculty research competencies through posters and product developments during the Institute Research Day.

Minutes:

S. No.	Description of the item
1	<p>To discuss the details of the ongoing sponsored research / consultancy projects, faculty publications, patents, and project proposals submitted to various funding agencies</p> <ul style="list-style-type: none"> • The Head of the Department briefed the committee on the ongoing sponsored research and consultancy activities of the department. He discussed the in-house seed projects and highlighted that, although the department has a good number of sponsored projects, it faces challenges in securing consultancy projects. He informed the committee that the department has established an Industry–Institute Interaction Cell (IIC) to facilitate the acquisition of consultancy work. • Dr. S. L. Sabat enquired whether there were any follow-ups on interdisciplinary collaborations for undertaking projects after research day event. • The Head of the Department stated that multidisciplinary projects are in place, such as the Ocean Acidification project in collaboration with the Civil and AI&ML departments. Also expressed that multiple interactions with multiple domains are currently in pursuit. • The Dr.Vinodh Kumar informed the committee that multidisciplinary collaborative projects are ongoing, such as the PNT Labs of IIT Tirupati, jointly undertaken by the AI&DS and ECE departments. • Dr. S. L. Sabat appreciated the good performance of the department and suggested improving overall quality by encouraging faculty members who are falling short in research publications to contribute through product development or by mentoring students based on their strengths, thereby enhancing the department’s overall productivity. • Dr. S. L. Sabat stated that the department’s performance remains similar to that of the previous year and appears to have saturated. He suggested formulating a suitable action plan and policy with defined targets to achieve incremental statistical growth, so that visible improvements can be realized over the next two to three years. Also suggested focusing more on prototyping ideas and guiding students on product developments. • The Head of the Department acknowledged the suggestion and stated that department would develop an appropriate strategy for further improvement.

Y. Vinodh Kumar
28/03/26

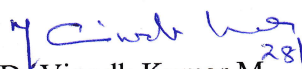
S. L. Sabat
27/3/26

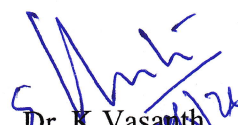
	<ul style="list-style-type: none"> • Dr. Ch. Mahesh appreciated the work carried out by the institute and lauded it as one of the top institutes in Telangana. He also appreciated the significant number of sponsored projects. He suggested that academia should continuously adapt to the latest technological advancements, inculcate the required skill sets among students, and prepare them for industry. He shared his recent experience as a panel member at the AI Impact India Summit 2026 and recommended organizing workshops on emerging skills, strengthening mathematical foundations, and enhancing collaborations with industry, particularly in areas such as edge computing and Industrial IoT. • The Dr. Vinodh Kumar shared his experience from the AI Summit and informed that the institute is establishing an industry-sponsored AI Lab funded by Lloyds Bank, where real-time industrial problem statements will be addressed. He also informed that, under PNT Labs, various Edge AI-based projects have been implemented using platforms such as NVIDIA Jetson Orin Nano Super Developer Kits. • The Head of the Department informed that students have been trained through various winter upskilling courses to enhance industry readiness. • Dr. Mahesh suggested that it is important to identify and recognize faculty members who actively contribute to research by rewarding them with incentives or flexible workload, thereby sustaining and strengthening the research ecosystem and enabling it to reach higher levels of performance.
2	<p>To discuss about the progress of In-house seed grant of AY 2024-25.</p> <ul style="list-style-type: none"> • The Dr. Vinodh Kumar expressed that, with respect to the suggestions made by external experts in the previous DRC meeting regarding sensitization programs, quality publications, and industrial expert lectures, the department conducted industrial expert lectures for certain curriculum courses. He further expressed that the department trained faculty members by sending them to industries such as QNX and MosChip Technologies Ltd. He also stated that, during the Institute Research Day, all PIs and Co-PIs of sponsored and consultancy projects showcased their expertise and competencies in the form of posters and product developments.
3	<p>To discuss the details of the student best projects, institute funded projects and Dr. V.M.Rao Research Award.</p> <ul style="list-style-type: none"> • The Head of the Department requested the experts to provide their consent for the new evaluation guidelines and format for the Dr. V. M. Rao Research Award. He presented the guidelines and format to the committee. • Dr. S. L. Sabat enquired about the timeline provided to students before they apply for the award and how they manage the limited time available for patenting or publishing their work. • The Head of the Department explained that students are given a total duration of 1.5 years, from their mini project to the main project, enabling them to plan

Y. Ch. Mahesh
28/03/26

S. L. Sabat
28/3/26

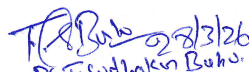
	<p>their work accordingly. He also informed the committee that an institute-level screening is conducted by the I&I Cell for patent submission.</p> <ul style="list-style-type: none"> The experts provided their consent and suggested proceeding with the implementation.
4	<p>To discuss the existing guidelines for Best Project Selection.</p> <ul style="list-style-type: none"> Dr. S. L. Sabat enquired how marks are awarded for work at different stages of evaluation. The Head of the Department explained that marks are assigned based on student progress; for example, different weightage is given at the patent stage, with higher marks awarded for granted patents compared to published patents.
5	<p>To discuss the status of MoUs in progress.</p> <ul style="list-style-type: none"> The Head of the Department informed that the status of all MoUs are currently active and other few are in pipelined.
6	<p>To discuss the existing guidelines of R&D plagiarism policy.</p> <ul style="list-style-type: none"> The Head of the Department explained the guidelines of different R&D policies.
7	<p>Any other item with the permission of the chair.</p> <ul style="list-style-type: none"> Dr. S. L. Sabat suggested inviting more industry experts to enhance collaboration. Dr. S. L. Sabat also recommended organizing more hackathons to help students upskill and gain practical experience. The meeting is concluded by thanking the experts and other committee members.

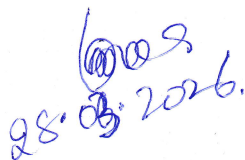

 Dr. Vinodh Kumar M
 DRC Convenor
 ECE Dept.


 Dr. K Vasanth
 DRC Chairman
 ECE Dept

Copy to:

1. Principal for information
2. Director and Head of R&E
3. Director R&D
4. DRC members
5. ECE faculty


 T. Sudhakar Babu
 28/03/26


 28.03.2026.



