



**CHAITANYA BHARATHI**  
**INSTITUTE OF TECHNOLOGY (A)**  
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**44**  
years

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of Departmental Research Committee (DRC) Meeting held on 10<sup>th</sup> May 2023

12/05/2023

### Members present:

| S. No. | Name and Designation   | Designation                |
|--------|--|----------------------------|
| 1.     | Dr. D. Krishna Reddy<br>Professor and HoD, ECE Dept., CBIT                   | Chairman                   |
| 2.     | Dr. Ch. Mahesh<br>Director, Kalaburagi Airport<br>Airport Authority of India | Member                     |
| 3.     | Dr. S. L. Sabat<br>Professor, Dept. of Electronics, HCU, Hyderabad           | Member                     |
| 4.     | Dr.P.Narahari Sastry<br>Professor, ECE Dept., CBIT                           | Member                     |
| 5.     | Dr.M.Vinod Kumar,<br>Associate professor, ECE Dept., CBIT                    | Dept. Research Coordinator |
| 6.     | Dr.Bhanu Chandra<br>Assistant professor, ECE Dept., CBIT                     | Dept. Research Coordinator |
| 6.     | Dr. A. Supraja Reddy<br>Associate Professor, ECE Dept., CBIT                 | Convener                   |

### Leave of Absence:

1. Dr.N.V.Koteswara Rao, Professor, ECE Dept., CBIT

The meeting has commenced with welcoming the external DRC members by the Head of the Dept. The convener read out the agenda of the meeting and started the meeting.

### Minutes:

#### I Ongoing sponsored research/consultancy projects.

- The sponsored research projects being carried out by the department are well appreciated.

#### II Publications and Patents.

- Committee appreciated the number of publications and patents from the department.

#### III Project proposals submitted to various funding agencies and discuss about other funding agencies including industries.

- Committee appreciated the continuous efforts by faculty in submitting the proposals.

**IV Student best projects, institute funded projects and Dr.V.M.Rao Research Award.**

- The committee appreciated the institute's policy of funding student projects.
- Dr.Ch.Mahesh suggested to increase the funding of institute funded projects.
- Dr.Mahesh reiterated that the list of the Journals of all disciplines/areas (both online journals and hardcopy versions) that the institute has subscribed to must be circulated among students and staff so that they best utilize them.

**V To discuss the thrust research areas including inter-disciplinary areas.**

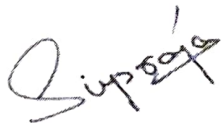
- Dr.S.L.Sabat suggested the faculty to gain expertise in thrust areas such as "Military Robotics". He added that this area has lot of scope for continuous research as government agencies are deploying robots in every field. Also, it is easy to get funding from agencies such as MeitY and DRDO. He mentioned that "Robotic Transformer" is one aspect upon which we can work collaboratively.
- Dr.P.Narahari Sastry briefed the committee about the activities of Robotics club of CBIT.
- Dr.S.L.Sabat also suggested "Bio-implantable Circuits" as another thrust area.

**VI To discuss the possibility and sources of research collaborations.**

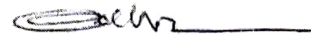
- Dr.Ch.Mahesh suggested that "Drone counter mechanisms for airports" can be taken up as another potential area of research.
- Dr.D.Krishna Reddy informed that the number of faculty holding doctorate degree has increased considerably over the past one year and therefore there is scope for the department to focus on the new thrust areas.

**VII Other items**

Dr.S.L.Sabat advised to create facilities such that the faculty are motivated to improve research. He suggested fixing targets for project proposals to be submitted and publications. Also, the progress has to be continuously reviewed.



Dr.A.Supraja Reddy  
DRC Convenor  
ECE Dept.



Prof D. Krishna Reddy  
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