



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY**

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



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

46
years



Two days
National Level Faculty Development Program on
Signal and image processing algorithms- A
Research Perspective

8th Sep to 9th Sep 2025



Chief Patron

Sri. N. Subash, President, CBIT

Patron

Prof. C. V. Narasimhulu, Principal, CBIT

Advisory Committee

Prof. P.V.R. Ravindra Reddy, Vice Principal-Admin

Prof. K. Krishnaveni, Vice Principal- Academics

Prof. P. Ravinder Reddy, Director - R&E Hub

Prof. A. D. Sarma, Advisor – R & D

Prof. N. V. Koteswara Rao, Director -IQAC

Prof. Suresh Pabboju, Director -AEC & CoE

Prof. D. Krishna Reddy, Director R & D

Prof. P. Prabhakar Reddy, Director-Academics

Prof. B. Linga Reddy, Director- SAP

Prof. Umakanta Chaudhury, Advisor – I & I

Dr. N. L. N. Reddy, Advisor – CDC

Convener:

Dr. K. Vasanth, HoD - ECE

Organizing Committee

Coordinators:

Dr. K. Vasanth, Associate Professor, ECE

Dr. S. Radha, Associate Professor, ECE

Co-Coordinator:

Dr. M. Rajkumar Naik, Assistant Professor, ECE

Registration Details:

Registration Fee: Rs. 200/-

Registration Link and QR Code below:

<https://forms.gle/Kta65ccCANquYkGF8>



Important Dates:

Last date for Registration: **05.09.2025**

FDP dates: **8th Sep to 9th Sep 2025**

FDP Mode: **Online**

Topics:

- ❖ Guidelines, Research Scope in Signal and image processing
- ❖ Image Denoising and relevant projects using MATLAB
- ❖ EEG brain signal analysis using python
- ❖ Scope in multidisciplinary Research
- ❖ Choosing right journals for publishing

Objectives:

- To introduce the scope and availability of research resources in signal, image processing.
- To familiarize the pros and cons of research.
- To explore the diversity in signal, images.

Outcomes:

After completion of the FDP, participants will be able to:

- ✓ Understand the evolution, concepts and basic methods in signal and image processing.
- ✓ Get insights into various tools for projects in different research topics of signal processing.
- ✓ Acquire knowledge on extending research after PhD / graduation.

Address for Communication:

Dr. S. Radha, Ph:9677532662

radhas_ece@cbit.ac.in

About the College

CBIT is one of the premier Engineering Institutes in India, pioneer in Telangana State, which is at idyllic surroundings of Gandipet Lake, Hyderabad. The college offers 12 UG and 10 PG programs. It has been standing as a temple of knowledge for the past 45 years by producing more than 25,000 eminent and skillful graduate engineers, who are successful in their careers, serving all over the globe. The Institute has been accredited by NAAC – UGC with 'A++' Grade and various programs are accredited by NBA – AICTE. The institution is UGC autonomous since 2013-14. Stringent academic standards, industry compliant teaching methodology, research projects from private and public sector organizations and consultancy practice enabled the Institute to establish its identity in the Technical Education and is ranked as one of the best amongst the private engineering colleges.

About the Department

The Department of Electronics and Communication Engineering, CBIT is offering one UG Program in ECE and with an intake of 180 and two PG programs in Communication Engineering and Embedded Systems & VLSI Design. The department has 48 faculty members out of which 35 are PhDs. The department is growing exponentially in terms of R&D and consultancy. The Ongoing Sponsored research projects worth of Rs. 245.01 lakhs were awarded to the faculty by ISRO, DST, AICTE, UGC, DRDO etc. A total of 19 patents were published and 6 patents are granted as on date. The Department is well equipped with all state-of-the-art equipment's Laboratories &

workshops providing all necessary facilities to the students. There are two special industry-oriented labs namely Navigation & Comm. Research Centre (NCRC) Lab and Green Opto Nano Energy (G-1) Lab.

Resource Persons

Sessions will be handled by experienced faculty members from reputed institutions / Experts from R&D organizations.

Who can attend?

Academicians, Research scholars, Industry personnel, UG/ PG students. Participants are suggested to bring their own laptop for Hands on...

Schedule

Date/ Time	8 th Sep 2025	9 th Sep 2025
Forenoon 10.00am- 11.10pm	Inaugural.... S1: Image Denoising, relevant projects MATLAB, Hands on ...	S4: Scope in multidisciplinary Research contd..
Forenoon 11.15am- 12.30pm	S2: Scope in multidisciplinary Research contd..	S5: Current Trends on Speech signal processing
Afternoon 2pm- 3.30pm	S3: EEG brain signal analysis using python, Hands on	S6: Choosing right journals for publishing, Hands on... Valedictory.... & feedbacks



Organized by

**Department of Electronics and Communication Engineering,
Chaitanya Bharathi Institute of Technology (A)
Gandipet, Hyderabad- 500075**