



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

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



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

44
years

Department of Mathematics
Organizing a National Level Workshop on
APPLICATIONS OF MATHEMATICS IN
ENGINEERING & TECHNOLOGY

On the occasion of superannuation of
Prof. P. Raj Reddy
30th Nov 2022

About the Workshop:

Linear algebra plays a vital role in the study of machine learning modules (ML) such as data Processing, data transformation and dimensionality reduction etc., driven by the fascinating developments in the area of "Linear algebra as applied in Machine learning. The Workshop will be held in N-block seminar hall at 10 am.

Objectives:

- To discuss the concepts in linear algebra that helps in implementing the machine learning application.
- To dive into some ML-centric applications.
- To encourage participants to take up research and projects in Machine learning.

Speaker: Prof. C.S. Sastry

About the speaker: C. S. Sastry received his Ph.D. degree in Applied Mathematics from IIT Kanpur. He worked at the University of British Columbia (Vancouver, Canada) as a postdoc fellow and at IIIT Jabalpur as an Assistant Professor. He is currently associated with IIT Hyderabad. His research interests include sparsity-driven optimization methods and their applications towards Inverse Problems and Machine Learning.

Speaker: Smt. Shanthi Pal Reddy

About the speaker: Shanthi Pal Reddy is an alumni of CBIT from Computer Science & Engineering. After her graduation she worked at Microsoft US headquarters in Redmond (MS Office team) and also at Hyderabad (Visual Studio Team). She co-founded a software services company named GJK Technologies. She has a great flair towards Math and Computer Science.

- Workshop is open for all UG & PG Students, Faculty, and Research Scholars.
- No Registration Fee.
- E-Certificate will be issued to the participants.

Patron: Dr. P. Ravinder Reddy, Principal, CBIT.

Advisor: Dr. P. Raj Reddy HOD Dept. of Mathematics, CBIT.

Organizers

Conveners: Dr. M. Ganeshwar Rao, Prof., Dept. of Mathematics, CBIT.

Dr. Swatmaram, Assoc. Prof., Dept. of Mathematics, CBIT.

Co-Convenor: Dr. Mamta Thakur, Asst. Prof., Dept. of Mathematics. (9618778184)

Member: Faculty, Dept. of Mathematics, CBIT.