



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

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COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**43**  
years

## **R&D Centre and Department of CSE, CBIT Presents A Webinar on "Research Trends in Emerging Technologies"**

### **Date**

20th November 2021, Saturday

### **Time**

10:30 AM - 12:30 PM (IST)

### **Registration Link**

<https://docs.google.com/forms/d/1Nr2DyTia0vxR8IkXRFEN5FCxyoE07YE4fmW8DZWZE5A/edit?ts=6180f182>

### **Webex meeting link to Join**

<https://cbithyd.webex.com/cbithyd/j.php?MTID=m83e198885cc14fc6309ae5424bcc6ed3>

### **Patron**

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### **Abstract**

In this talk, the issues and open problems in Emerging Technologies such as Deep Learning, Computer Vision etc. will be addressed. Combining various data modalities to enhance performance with an ability to train the model in the presence of limited labels will be discussed. Also, learning new concepts faster with a few training samples will be covered. In addition, the design of predictive models for machine vision to preserve the privacy aspects thereby maintaining accountability and transparency will also be discussed. The design of models that imitate human behavior will be presented through a set of use cases.

### **About the speaker**

Dr.Kotecha has expertise and experience in cutting-edge research and projects in AI and Deep Learning for the last 25+ years. He has published more than 100 Scopus indexed papers.



He is a recipient of the two SPARC projects worth INR 166 lakhs from MHRD, Govt. of India for AI projects with Arizona State University, USA and University of Queensland Australia, and also the recipient of numerous prestigious awards like Erasmus plus faculty mobility grant to the University of Wroclaw Poland, DUO-India professors fellowship for research in Responsible AI with Brunel University the UK, LEAP grant to visit and attend Leadership Program at Cambridge University UK, and many more. He has been editorial board member of IEEE access, PeerJ computer Science journal Cogent Journal by Taylor & Francis and also editing special issues of MDPI and Frontiers Journals.