

Name of Faculty RANJITH PULYALA  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 18 – 07 - 2018  
 E-mail pranjith\_ece@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (ECE)	pursuing
PG	M. Tech(ECE)	First
UG	B.Tech(ECE)	First

### Work Experience

Teaching	12 Years
Research	0 years
Industry	0 years
Others	0 years
Area of Specialization	Signal Processing.
Professional Memberships	--
Responsibilities held at Institution Level	--
Responsibilities held at Department Level	1. Member of Course Expert Group 2. Department Time Table in charge 3. CIE in charge
Research Guidance	--
Awards Received	--
Courses Handled at Under Graduate / Post Graduate Level.	Digital Signal Processing, Data Structures, Basics of Electronics engineering.
No. of Papers Published	National Journals – 0 International Journals – 04 National Conference – 0 International Conference – 01
Projects Carried out	--
Patents	--
Technology Transfer	--
Invited Speaker(Few Important/Prominent)	--
No. of Books/Chapter Published with details	--

### Organized

- Topic : 5G Wireless Network-A Detailed Survey  
 Guest Speaker : Prof. C. Murali  
 Former Vice President, IETE, Delhi. Former Chairman  
 Date : 09 Feb 2022
- Topic: Webinar on 'Latest Trends in Radar Systems'  
 Date: 27th May, 2021  
 Target Audience: VI Sem, IETE ISF students  
 Platform: Virtual
- Event Name:Blind folded Pictionary CBIT  
 Date:04 March 2021
- Event Name: MATLAB Workshop

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).

Date:03 March 2021

5.Organized a Guest Lecture on Industry 4.0 Engineering Trends delivered by Prof.A.Ravi Kumar Chairman, IETE Hyderabad Centre on 14<sup>th</sup> February 2020.

#### Attended

1. Participated in a STTP on Machine Learning and Deep Learning for Real time Applications, Organized by Omania University in collaboration with Brainlabs.Ai and sponsored by SERB DST Govt of India, during 18<sup>th</sup> June 2020 to 20<sup>th</sup> June 2020.
2. Attended the interaction session and successfully completed both pre and post workshop online activities, involving 3 days of video lectures and hands-on work organized by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India on 24 May 2020.
3. Attended a One Week Online Faculty Development Program on "Research Opportunities in Image Processing and Machine Learning", conducted by the Department of Electronics and Communication Engineering during 29<sup>th</sup> June to 03<sup>rd</sup> July 2020.
4. participated in the webinar on "Research challenges and career opportunities in VLSI" conducted by the Department of Electronics and Communication Engineering, NBKR Institute of science and technology, Nellore on 06<sup>th</sup> June, 2020.
5. participated in the webinar on "Present Trends and Research scopes in 5G Wireless Communications" conducted by the Department of Electronics and Communication Engineering, GPREC, Kurnool on 27<sup>th</sup> and 28<sup>th</sup> June, 2020.
6. Participated in a webinar on Adaptive Signal Processing and Its Applications, Organized by Narayana Engineering College,Gudur on 03<sup>rd</sup> June 2020.
7. Participated in a webinar on NAAC Accreditation Management System demo, Organized by inpods, on 19<sup>th</sup> June 2020.
8. Participated in the webinar on Online Teaching learning and Online assessment demo, Organized by inpods, on 19<sup>th</sup> June 2020
9. Participated in the webinar on CO-PO attainment Organized by inpods, on 19<sup>th</sup> June 2020.
10. Participated in the webinar on A Practical Approach on Python Hosted by ANNAI VEILANKANNI'S ROUP OF EDUCATIONAL INSTITUTIONS CHENNAI in association with Pantech e Learning, on 19<sup>th</sup> June 2020.
11. Participated in the webinar on Natural Language Processing Hosted by St.PETER'S Engineering college in association with Pantech e Learning, on 18<sup>th</sup> June 2020.
12. Participated in a webinar on Innovation in Antenna Design and Analysis, Organized by Altair, on 09<sup>th</sup> July 2020.
13. Participated and got through Test in One Week (Online) Faculty Development Programme on LaTeX & Technical Report Writing, 25 -

30 May, 2020 organized by Department of Mathematics, Kakatiya University, Warangal, Telangana, in association with Spoken Tutorial, IIT Bombay.

14. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28<sup>th</sup> April to 22<sup>nd</sup> May 2020.
15. Participated in a one week Faculty development program on outcome based education and NBA Accreditation process, Organized by CBIT, during 28<sup>th</sup> May 2020 to 01<sup>st</sup> June 2020.
16. Successfully Completed "Machine Learning for all" an online non-credit course authorized by University of Landon and offered through Coursera on 17-06-2020.
17. Successfully Completed "Crash Course on Python" an online non-credit course authorized by Google and offered through Coursera on 01-06-2020.
18. Successfully Completed " AI For Everyone" an online non-credit course authorized by deeplearning.ai and offered through Coursera on 22-05-2020.
19. Participated in NAASCOM Sponsored one week SKILL DEVELOPMENT TRAINING SESSION organized by Hexagon Capability Center India Pvt Ltd. from 03<sup>rd</sup>-07<sup>th</sup> February 2020.
20. Participated in MeitY, Govt.of India Sponsored one week faculty development program on "MACHINELLEARNING IN SPEECH PROCESSING", Organized by the E & ICT Academy, NIT Warangal, from 12<sup>th</sup>-17<sup>th</sup> November 2018.
21. Participated in one day Faculty development Program titled "METHODOLOGIES & PRACTICES FOR PROFITABLE RESEARCH THROUGH PATENTS & IPR" Sponsored by Allinov Research and Development Private Limited,at CBIT Hyderabad on 29<sup>th</sup> November 2018.
22. Participated in five day faculty development program conducted by in house training centre of CBIT,Hyderabad during 26-11-2018 to 30-11-2018.
23. Participated in one day symposium on "significance of Sanskrit for technological research".organized by Geervana Bharathi of CBIT on 8<sup>th</sup> September 2018.
24. Participated in a two day workshop on "IPR Awareness Workshop" on 15<sup>th</sup> and 16<sup>th</sup> September'2017.Sponsored by Ministry of Electronics & Information Technology (MiEty)
25. Participated in a one day workshop on RF/MICROWAVE AND DESIGN AND SIMULATION WORKSHOP organized by NATIONAL INSTRUMENTS in September '2017.

Details of Journal Publications/  
Conferences (National and  
International)  
International Journal

1. Published a paper entitled Localized Network Reconfiguration Plan for Wireless Mesh Networks in Volume 10, Issue 4, 2022 in International Journal for Research In Applied Science And Engineering Technology.

2. Published a paper entitled Pruning Algorithm for Energy Efficient DCT Implementation for High Efficiency Video Coding in Volume 5, Issue 6, June 2017 in International Journal for Research In Applied Science And Engineering Technology.
3. Published a paper entitled A Novel Analysis of Sequential Circuits Design Using Reversible Logic in the International Journal of Ethics in Engineering & Management Education August 2015 VOLUME:2, ISSUE:8

**International Conferences:**

1. Presented and published a paper entitled Smart Home System Design by Using Android Apps in the International Conference on Innovations in Electronics and Communication Engineering ICIECE-13.

