

Name of Faculty EDIGA CHANDRASEKHAR
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 18-07-2012
 E-mail echandrasekhar_ece@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (ECE)	Pursing
PG	M.E. (ES&VLSID)	First
UG	B. Tech (Electronics Communication Engineering)	First

Work Experience

Teaching	10 Years (Including Research Experience)
Research	1 Year 6 months
Industry	---
Others	---

Area of Specialization Analog and Mixed Signal VLSI Design

Professional Memberships ---

Responsibilities held at Institution Level ---

Responsibilities held at Department Level

- In charge of Basic Electronics lab.
- Member, Course Expert Group.

Research Guidance ---

Awards Received ---

Courses Handled at Under Graduate / Post Graduate Level. Electronic Devices, Analog Circuits, IC Applications, Electronic Engineering-I, Electronic Engineering-II, Electronic Engineering, Basic Electronics, Elements of ECE, VLSI Technology, CMOS VLSI Design, VLSI Technology and Physical Design Automation.

No. of Papers Published

National Journals –	--	International Journals –	04
National Conference –	Nil	International Conference –	02

Projects Carried out ---

Patents ---

Technology Transfer ---

Invited Speaker ---

No. of Books/Chapter Published with details ---

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

- Participated in Three Day FDP on “Recent Trends in IC Design” Organized by Dept of ECE, VCE Hyderabad in Association with CoreEL Technologies during 29-06-2020 to 01-07-2020.
- Successfully Completed AI for Everyone an online non-credit course authorized by deeplearning.ai and offered by Stanford University through Coursera on 25/06/2020.
- Successfully Completed COVID-19: What You Need to Know (CME Eligible) an online non-credit course authorized by Osmosis and offered through Coursera on 25/06/2020.
- Participated in webinar on “Publishing Research Articles in Scopus Indexed Journals” conducted by CBIT - School of Management Studies on 24th June, 2020.
- Participated in One Week Online Faculty Development Program on “Outcome based Education and NBA Accreditation Process (UG) during 28-05-2020 to 01-06-2020, organized by Chaitanya Bharathi Institute of Technology, Hyderabad.
- 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 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.
- Successfully Completed “TCP/IP and Advanced Topics” a 5-Week

- online non-credit course authorized by University of Colorado and offered through Coursera on 18-05-2020.
8. Successfully Completed "Peer-to-Peer Protocols and Local Area Networks" a 5-Week online non-credit course authorized by University of Colorado and offered through Coursera on 18-05-2020.
 9. Successfully Completed "Introduction to Electronics" a 7-Week online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 17-05-2020.
 10. Successfully Completed Wireless Communications for Everybody an online non-credit course authorized by Yonsei University and offered through Coursera on 17/05/2020.
 11. Successfully Completed "Packet Switching Networks and Algorithms" a 5-Week online non-credit course authorized by University of Colorado and offered through Coursera on 17-05-2020.
 12. Successfully Completed "Fundamentals of Network Communications" a 5-Week online non-credit course authorized by University of Colorado and offered through Coursera on 17-05-2020.
 13. Successfully Completed "Introduction to Electronics" a 7-Week online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 17-05-2020.
 14. Attended a virtual classroom training on "ASIC Physical Design and Verification" conducted by Excel VLSI Technologies, Bangalore during 27-04-2020 to 02-05-2020.
 15. Attended a Five Days Online Faculty Development Programme on "Recent Communication Tools And Its Application" Organized by Department of Electronics and Communication Engineering from 19th to 23rd May, 2020 St. Martin's Engineering College Dhulapally, Secunderabad
 16. Successfully completed the 'Effective and Efficient Online Teaching in the Age of Corona, A Hands on Workshop' on 17 May 2020 and attended the interaction session and successfully completed both pre and post workshop online activities, involving 3 days of video lectures and hands-on work. This training was 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.
 17. Attended all Leadership Talks held by MHRD's Innovation Cell.
 18. Successfully completed "NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune - 47 conducted online during the period 08/05/2020 to 14/05/2020.
 19. Successfully completed a 12 Week NPTEL course "Integrated Circuits MOSFETs OP-Amps and their Applications", on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.
 20. Successfully completed a 12 Week NPTEL course "NBA Accreditation and Teaching - Learning in Engineering (NATE)", on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.
 21. Attended One-week Faculty Development Programme on "IoT for Emerging Applications" (04-08 Feb, 2020). An Initiative of Ministry of Electronics & Information Technology (MeitY), Government of India Electronics & ICT Academy IIT Guwahati, Assam, Organized in association with Chaitanya Bharathi Institute of Technology(A) Support from Finland Labs.
 22. Successfully Completed Credit Course on "Research Methodologies" organized JNTU Kakinada 1st to 17th May, 2019.
 23. Attended MHRD, Government of India Sponsored a one Week Program on "Development of Laboratory Instruction and Manual" organized by National Institute of Technical Teachers and Research, Kolkata 4th to 9th February 2019.
 24. Attended one day workshop "Significance of Sanskrit for Technological Research" organized by Geervana Bhararhi of CBIT on 8th Sep 2018.

International Journal from the year 2017

1. N. Aivelu Manga, E.Chandrasekhar, P. Chandra Sekhar (2019), "Design and Simulation of 12-bit Current Steering DAC", International Research Journal of Engineering and Technology (IRJET), VOLUME: 06 ISSUE: 07, -ISSN: 2395-0072
2. PranayKumar Dasari¹, DSaiHarsha, E.Chandrasekhar(2019) "Implementation of Low Cost Home Monitoring, Controlling and Security System using IoT", International Journal of Engineering Research & Technology (IJERT), VOLUME:8 Issue 06, ISSN: 2278-0181
3. Bhukya Shankar, E Chandra Sekhar (2018) "Delay, Power performance of 8-Bit ALU Using Carry

- Look-Ahead Adder with High Vt Cell”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), VOLUME:6 Issue 05, ISSN: 2321-9653
4. Syed Ali Imran Quadri, J Manikya Teja, E. Chandrasekhar(2017) “Traffic Monitoring System”, International Journal of Engineering Trends and Technology (IJETT), VOLUME:48 Issue 05, ISSN: 2231-5381