



Department of Computer Science & Engineering
Approved by AICTE New Delhi | Affiliated to VTU, Belagavi,
Virgo Nagar, Bengaluru - 560049

Research Center

Research and Development

The journey of research in the department of Computer Science and Engineering at East Point College of Engineering and Technology (EPCET) started in April 2007 with the permission granted by Visvesvaraya Technological University, Karnataka. The six research supervisors are guiding the research scholars in EPCET. The thirty research scholars are registered under R& D Centre - EPCET. The eight research scholars are awarded within a stipulated period of time and 22 research scholars are pursuing in EPCET. The R&D centre for the students and staff is to learn, innovate and experiment the ideas in Science, Technology, and Engineering. The R&D has firmly committed hands to support the research scholars to think out of the box and explore real-time problems and solutions. The following domain areas of research are:

- Cloud Computing
- Computer Vision
- Machine Learning
- Artificial Intelligence
- Deep Learning
- Image Processing
- Big data
- Cybersecurity
- Health Informatics
- Wireless Sensor Network
- Fog Computing
- Networks, Distributed systems and Security

EPCET - CSE R&D Centre details

Number Scholars Pursuing Ph.D. Under CSE R&D Centre in Year Wise (On going)

Sl. No.	Year	Number of Students Registered
01	2008 - 2009	01
02	2011 - 2012	01
03	2016 - 2017	02
04	2018 - 2019	02
05	2019 - 2020	04
06	2021 - 2022	06
07	2022 - 2023	01
08	2023 - 2024	05
Total Number of Students:		22

Ph.D. Supervisors Eligible List and Number of Candidates Pursuing as on Feb 2024

Sl. No.	Supervisor Name	Name of the University	Year of Obtaining Ph.D.	No of Candidates Registered	No of Candidates Completed Ph.D.	Number of Candidates yet to be Completed
01	Dr Chandramouli H	SJTT University	2013	05	01	04
02	Dr Anitha N	VTU, Karnataka	2019	06	00	06
03	Dr. Nagraj L	VTU, Karnataka	2019	01	00	01
04	Dr. C Emilin Shyni	Anna University	2013	01	00	01
05	Dr. I. Manimozhi	M S University	2019	03	00	03
06	Dr. Anand R	VTU, Karnataka	2020	01	00	01
Total Number of Students				17	01	16

List of Scholars Completed Ph.D. from CSE R&D Centre

Sl. No	USN	Name of the Scholar	Research Title	Name of the Supervisor	Year of Registration	Year of Completed
01	1EP11PEN06	Mrs. Anitha N	Efficient Resource Management on Clouds	Dr. Anirban Basu	July 2011	2017
02	1EP11PEN01	Mrs. Dhanalakshmi M	Design and Development of Energy Efficient Techniques to Reduce Heat in Cloud Computing	Dr. Anirban Basu	July 2011	2017
03	1EP11PEN02	Mrs. Sunitha B. S	Data Integrity Preservation in Cloud Computing based on RBAC	Dr. Anirban Basu	July 2011	2018
04	1EP11PEM02	Mrs. Nanda P	Gateway Placement and Fault Tolerance in QoS Aware Wireless Mesh Networks	Dr. Josephine P Kumar	Jan 2011	2018
05	1EP11PEN04	Mr. Pramod	A Novel Architecture to Secure Cloud Infrastructure using Portable Trusted Platform Module	Dr. Prasad Babu B R	July 2011	2018
06	1EP13PEN01	Mrs. Rashmi S	High Performance Parallel Computing Cloud	Dr. Anirban Basu	Dec 2013	2019
07	1EP12PEN02	Mrs. Heena Kousar	Efficient Multiagent Based Resource Management in Cloud Environment	Dr. Prasad Babu B R	Oct 2012	2020
08	1EP17PEA01	Mrs. Maithri C	A Novel Based Approach for Parallelized Clustering Model by Using Hadoop Map Reduce Framework.	Dr. Chandramouli H	Apr 2017	2022

List of Scholars Pursuing Ph.D. from CSE R&D Centre

S. No.	Name of the Research Guide	Name of the Research Scholar	Area of Research	Year of Registration
1	Dr. Chandramouli H	K Laxmi	Machine Learning, Natural Language Processing	Jan 2024
2	Dr. Chandramouli H	Lohith C	Computer Vision	Jan 2024
3	Dr. Anand R	Triveni N	IOT, Artificial Intelligence	Jan 2024
4	Dr. Anitha N	Pavan M	Fog Computing	Jan 2024
5	Dr. I. Manimozhi	Sindhuja M	Artificial Intelligence & Machine Learning	Jan 2024
6	Dr. Anitha N	Vandana N S	Machine Learning, IOT Security	July 2022
7	Dr. Anitha N	Bindiya A J	Computer Vision and AI, ML	December 2021
8	Dr. Anitha N	Indumathi S	Fog Computing	December 2021
9	Dr. Nagraj L	Kangana W M	Data Analytics, Machine Learning	December 2021
10	Dr. C Emilin Shyni	Rebecca Sandra Paul	Deep Learning	December 2021
11	Dr. I. Manimozhi	Sowmiya L	Artificial Intelligence & Machine Learning	December 2022
12	Dr. I. Manimozhi	Suresha S	Artificial Intelligence & Machine Learning	December 2021
13	Dr. Anitha N	Jayashree M	Machine Learning	July 2019
14	Dr. Anitha N	Nandini Gowda P	Fog Computing & IOT	July 2019
15	Dr. Josephine Prem Kumar	Divya U H	Computer Vision and Machine Learning	July 2018
16	Dr. Chandramouli H	Shwetha K S	Data Mining and Data Warehousing	November 2019
17	Dr. Chandramouli H	Vasanth M	Data Mining and Data Warehousing	November 2019
18	Dr. Josephine Prem Kumar	Manimegalai A	Image Computing	November 2016
19	Dr. Josephine Prem Kumar	Kesavan M V	Big Data Analytics	April 2016
20	Dr Anirban Basu	Swati Shembekar	Software Engineering	July 2011
21	Dr. B R Prasad Babu	Ravi Kumar M	Adhoc Networks	February 2018
22	Dr. Ramachandra A C	Nithyananda C R	Image Processing & Artificial Intelligence	March 2008