

Name of Faculty KARTHIK KARMAKONDA  
 Designation ASSISTANT PROFESSOR  
 Nature of Job/Appointment Contract  
 Date of Joining 25 March 2021  
 E-mail karthikk\_cse@cbit.ac.in



Education Qualifications	Discipline	Status
Ph. D	CSE	Pursuing
PG	Embedded Systems	Distinction
UG	CSE	First Class

Work Experience

Teaching	12 Years
Research	-
Industry	-
Others	-

Area of Specialization Wireless Sensor Networks, Machine Learning

Professional Memberships -

Responsibilities held at Institution Level -

Responsibilities held at Department Level -

Research Guidance -

Awards Received -

Courses Handled at Under Graduate / Post Graduate Level.  
 Subjects taught at UG level: Ad-hoc and Sensor Networks, Object Oriented Programming through JAVA, Mobile Application Development Using Android, C and Data Structures, Linux Programming, DCCN, DBMS.

Subjects taught at PG level: Wireless Sensor Networks, Embedded Systems.

No. of Papers Published  
 International journals:04  
 International Conference:01

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).

- Organized One day work shop on "Block Chain Technologies and Application" 19<sup>th</sup> April 2023
- Participated in 5 Days Workshop on "Building Data Driven Solution Using Data Analytics with ML and DL Algorithms" conducted by CSE Department CBIT Hyderabad from 24<sup>th</sup> to 28<sup>th</sup> July 2021
- Participated in 3Days Workshop on "Citation Tools and Techniques" organized by CVR COLLEGE OF ENGINEERING from 19<sup>th</sup> JULY to 21<sup>st</sup> JULY 2021
- Participated in 2 Days Workshop on "Python Programming" conducted by MCA Department CBIT Hyderabad from 16<sup>th</sup> to 17<sup>th</sup> July 2021
- Participated in 5 Days FDP on "Recent trends in Cyber security and Forensic" conducted by NIT Tiruchi from 26<sup>th</sup> to 30<sup>th</sup> April 2021

6. Participated in one day FDP on “Utility Patents, Trademarks & Copyrights” conducted by KLU Intellectual Property Facilitation Center (KLIPFC) held on 09<sup>th</sup> January 2021
7. Participated in 10 days FDP on “Data Science” conducted by CSE Department CVRCE from 23-11-2020 to 03-12-2020
8. Participated in 5 days FDP on “Recent Trends in Computer Science” conducted by CSE Department RGM CET from 30<sup>th</sup> June 2020 to 4 July 2020
9. Participated in 5 days FDP on “Web Engineering” conducted by CSE Department CVRCE from 25-01-2020 to 30-01-2020
10. Coordinator for JHUB Hackathon- “RURATHON” conducted at CVR College of Engineering on 27<sup>th</sup> and 28<sup>th</sup> December 2019
11. Secured Elite+Gold Certificate in NPTEL “Programming in JAVA” exam held in Nov 2019
12. Completed ServiceNow New York Delta Certification exam on 27<sup>th</sup> Sep 2019.
13. Completed certification on “ServiceNow Certified Application Developer” on 8<sup>th</sup> June 2019
14. Mentor for a Team which won 1<sup>st</sup> prize in ServiceNow Hackathon conducted by ServiceNow Company in association with TASK on 28<sup>th</sup> August 2019.
15. Participated in 12 days TASK initiative programme “ServiceNow Academic Program (SNAP)” from 28<sup>th</sup> March 2019 to 17<sup>th</sup> May 2019.
16. Participated in 10 days Faculty Development Programme on “Software Engineer Best Practices (JAVA)” conducted by EPAM Systems Hyderabad from 12<sup>th</sup> Nov 2018 to 23<sup>rd</sup> Nov 2018.
17. Participated in 2 days workshop on “OpenSource Computational Platform-SCI LAB” conducted by IT Department CVRCE on 14<sup>th</sup> to 15<sup>th</sup> Dec 2018.
18. Participated in 4 days Short term course on “Engineering Research Methodologies ERM-2017” conducted by Department of Mechanical Engineering, UCE, Osmania University from 11<sup>th</sup> Dec 2017 to 14 Dec 2017.
19. Participated in 2 days Workshop on “Research Methodologies ” conducted by H&S Department CVRCE Hyderabad on 11<sup>th</sup> and 12<sup>th</sup> August 2017.
20. Participated in 5 days Faculty Development Programme on “IoT and Cloud Computing” conducted by IT Department CVRCE Hyderabad from 6<sup>th</sup> April 2017 to 11<sup>th</sup> April 2017.
21. Successfully organized a Five days workshop on “Internet of Things and Smart Application” from 27<sup>th</sup> Nov 2017 to 1<sup>st</sup> Dec 2017.

Details of Journal Publications/  
Conferences (National and  
International)

**National /International Journal:**

1. Guguloth Ravi, M. Swamy Das, Karthik Karmakonda” Reliable Clustered based Data aggregation Schemes for IoT Networks using Hybrid Learning Techniques” Measurement: Sensors Scopus Journal, March 2023,Q3-Scopus Indexed
2. Guguloth Ravi, M. Swamy Das, Karthik Karmakonda” Energy Efficient Data Aggregation Scheme using Improved LEACH Algorithm for IoT Networks” IJISAE(Scopus Indexed)
3. Syed Muqthadar Ali , K. Karthik, K. Veeranjanyulu, “Advanced Machine learning algorithms used in Internet of Things applications”, IJAREEIE, Volume -9, Issue 11, , Page No: 2983 – 2987, Nov 2020.
4. Syed Muqthadar Ali, K. Karthik, “REVIEW ON SECURITY ISSUES AND CHALLENGES IN CLOUD COMPUTING”, IJAEMA, Volume -12, Issue - 12 , Page No: 431-436 ,Dec 2020.

**International Conferences:**

K Karthik, M Swamy Das, ”Learning Automata based Harmony Search Routing Algorithm for Wireless Sensor Networks “ International Joint Conference on Advances in Computational Intelligence 2022

