Name of Faculty	KARTHIK KARMAKONDA
Designation	ASSISTANT PROFESSOR
Nature of Job/Appointment	Regular
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**).	1. Organized One day work shop on "Block Chain Technologies and Application" 19th April 2023 2. 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 24th to 28th July 2021 3. Participated in 3Days Workshop on "Citation Tools and Techniques" organized by CVR COLLEGE OF ENGINEERING from 19th JULY to 21st JULY 2021 4. Participated in 2 Days Workshop on "Python Programming" conducted by MCA Department CBIT Hyderabad from 16th to 17th July 2021 5. Participated in 5 Days FDP on "Recent trends in Cyber security and Forensic" conducted by NIT Tiruchi from 26th to 30th April 2021

6. Participated in one day FDP on "'Utility Patents, Trademarks & Copyrights" conducted by KLU Intellectual Property Facilitation Center (KLIPFC) held on 09th 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 RGMCET from 30th 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 27th and 28th 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 27th Sep 2019.

13. Completed certification on "ServiceNow Certified Application Developer" on 8th June 2019

14. Mentor for a Team which won 1st prize in ServiceNow Hackathon conducted by ServiceNow Company in association with TASK on 28th August 2019.

15. Participated in 12 days TASK initiative programme "ServiceNow Academic Program (SNAP)" from 28th March 2019 to 17th May 2019.

16. Participated in 10 days Faculty Development Programme on "Software Engineer Best Practices (JAVA)" conducted by EPAM Systems Hyderabad from 12th Nov 2018 to 23rd Nov 2018.

17. Participated in 2 days workshop on "OpenSource Computational Platform-SCI LAB" conducted by IT Department CVRCE on 14th to 15th 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 11th Dec 2017 to 14 Dec 2017.

19. Participated in 2 days Workshop on "Research Methodologies " conducted by H&S Department CVRCE Hyderabad on 11th and 12th August 2017.

20. Participated in 5 days Faculty Development Programme on "IoT and Cloud Computing" conducted by IT Department CVRCE Hyderabad from 6th April 2017 to 11th April 2017.

21. Successfully organized a Five days workshop on "Internet of Things and Smart Application" from 27th Nov 2017 to 1st 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. Veeranjaneyulu, "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