

Name of Faculty MADHURIMA RANA

Designation Assistant Professor

Nature of Job/Appointment Contract (31/05/2021)

Date of Joining 15/02/2017

E-mail rmadhurima_cse@cbit.ac.in



Education Qualifications	Name of the Degree	Class
PG	M. Tech (Computer Science & Information Security)	Distinction
UG	B. Tech (Computer Science Engineering)	First

Work Experience

Teaching 3 Years 11 Months

Research --

Industry --

Others --

Area of Specialization Information Security, Machine Learning, Nature Inspired Algorithms, Deep Learning.

Professional Memberships --

Responsibilities held at Institution Level --

Responsibilities held at Department Level 1. Responsible for department level event data collection.
2. Participated (as mentor) and won in SIH 2019, 2018.

Research Guidance ---

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Design and Analysis of Algorithm, Data Structure, Distributed Computing, Cloud Computing, Advanced Algorithm, Operating System Lab, Programming and Problem-Solving Lab.

No. of Papers Published National Conference – 01 National Journal – --

International Conference- 01 International Journal- --

Projects Carried out --

Patents Title of the invention: Blockchain based System and Method for Providing a Platform for Managing Blood Banks. Application No. 202031009562 (05/03/2020) A Name of Inventor: 1) Dr. Lambodar Jena, 2) Dr. Amiya Kumar Dash, 3) Dr. Sushruta Mishra, 4) Dr. Hrudaya Kumar Tripathy, 5) Ms. Madhurima Rana

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. Participated on Refresher course on “Bharateeya Chaitanyam” organized by CBIT from 29-06-2020 to 05-07-2020.
2. Participated FDP on “Data Science” organized by Andhra Pradesh State Skill Development Corporation (APSSDC), on 1-06-2020 to 30-06-2020.
3. Participated AICTE Training and Learning (ATAL) Academy Online FDP on "Block Chain" from 22-06-2020 to 26-06-2020 at National Institute of Technology Nagaland.
4. Attended Leadership Talk with Mr. Shridhar Venkat, CEO (Akshaya Patra Foundation) held on 20-06-2020 by MHRD's Innovation Cell.
5. Attended Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) held on 13-06-2020.
6. Participated FDP on “Computer Vision using CNN” organized by Anurag University and Blackbucks, Hyderabad from 8-06-2020 to 10-06-2020.
7. Attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) held on 6-06-2020 by MHRD's Innovation Cell.
8. Participated 5-day Global e-Symposium on “Global Pandemic

- Outbreak: Role of Technology & Automation” organized by JSSATE, Noida from 1-06-2020 to 5-06-2020.
9. Participated a one-week online FDP on “Outcome Based Education and NBA Accreditation Process” organized by CBIT, Hyderabad, 28-05-2020 to 1-06-2020.
 10. Attended Leadership Talk with Dr. Nilesh N Oak, Expert (Indian Civilization & History) held on 30-05-2020 by MHRD's Innovation Cell.
 11. Attended AICTE Training and Learning (ATAL) Academy Online FDP on "Cyber Security" from 25-05-2020 to 29-05-2020 at Punjab Engineering College (Deemed to be University).
 12. Successfully Completed “Python Data Structure” an online non-credit course authorized by University of Michigan and offered through Coursera on 24-05-2020.
 13. Attended Leadership talk With Mr Mahesh Babu CEO on 23-05-2020 by MHRD's Innovation Cell.
 14. Attended IIC of MHRD's Innovation cell -15 sessions from 28-04-2020 to 22-05-2020.
 15. Participated 5-day online FDP on “Artificial Intelligence and Machine learning” organized by CMR TC, Hyderabad from 18-05-2020 to 22-05-2020.
 16. Successfully Completed “Programming for Everybody (Getting Started with Python)” an online non-credit course authorized by University of Michigan and offered through Coursera on 21-05-2020.
 17. Participated FDP on “Cryptography and Network Security” organized by Panimalar Institute of Technology, Chennai from 11-05-2020 to 15-05-2020.
 18. Attended Leadership Talk with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited MHRD Innovation Cell on 16-05-2020 by MHRD's Innovation Cell.
 19. Attended the India First Leadership Talk webinar with Prof D. P. Singh, Chairman UGC on 9-05-2020 by MHRD's Innovation Cell.
 20. Attended the India First Leadership Talk webinar broadcasted on 2-05-2020 by MHRD's Innovation Cell.
 21. Attended a one-day National Seminar on “IOT For Real World” at CBIT, Hyderabad, 28-10-2019.
 22. Attended a one day workshop on “Access to Research Process-School of Thoughts” at CBIT, Hyderabad, 18-10-2019.
 23. Completed 12 weeks online NPTEL course on ‘Cloud Computing’ by IIT Kharagpur on 11-05-2019.
 24. Attended “TECHTARA” in Panel Discussion for a 2day conference to “Celebrate, Inspire, Network” Women in Technology and Society at CBIT, Hyderabad, 01-03-2019 to 03-03-2019.
 25. Participated Five days in-house FDP on 22-10-2020 to 26-10-2018 by IQAC, CBIT, Hyderabad.
 26. Attended MATLAB EXPO-2018 India on 24-04-2018.
 27. Attended a National level Two Day Workshop on “Interface of Statistical Analysis Using R”- CBIT, Hyderabad on 9 -02-2018.
 28. Participated One Week Faculty Development Program on “Meeting the Challenges of Teacher in Modern Engineering Education” – ITC, on 12-06-2017 to 18-06-2017, CBIT, Hyderabad.
 29. Attended One Day Faculty Development Program on “Overview on IT Infrastructure Services” – Cognizant, 30-05-2017.
 30. Attended One Day Faculty Development Program on “Project Management Skills”- Cognizant, 09-05-2017.
 31. Attended a two-day workshop on “Internet of Things Using Raspberry Pi 3”-on 6-03-2017 to 07-03-2017 by CBIT, Hyderabad.
 32. Attended A two-day workshop on “Privacy Preserving & ICT: Research Ideas”- CBIT, Hyderabad on 2-03-2017 to 3-03-2017.
 33. Participated One Week Faculty Development Program on “Emerging Trends, Issues and Challenges in Big Data & Cloud Computing (ETICBDCC-2017)”, 20-02-2017 to 25-02-2017, CBIT, Hyderabad.

International/National Conferences from 2017

1. Madhurima Rana, Swathi Edem, “An Efficient Deep Learning Based Approach for Malware Classification”, International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2020), Springer (Accepted).