

Name of Faculty Dr. K. RADHIKA
 Designation Professor
 Nature of Job/Appointment Regular
 Date of Joining 12- 02 - 2002
 E-mail kradhika_it@cbit.ac.in



| Education Qualifications | Name of the Degree | Class |
|--------------------------|---|------------------------------|
| Ph. D | Doctor of Philosophy (Computer Science Engineering) | Awarded |
| PG | M. Tech. (Computer Science Engineering) | First Class with Distinction |
| UG | B. Tech. (Electrical Electronics Engineering) | First Class |

Work Experience

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| Teaching | 19 Years (Includes Research and Industry Experience) |
| Research | 15 Years |
| Industry | 04 Years |
| Others | - |

Area of Specialization Computer Networks, Mobile Computing, Information Security, Cloud Computing and Machine Learning

Professional Memberships

1. IETE-Life Member(M-177237)
2. ISTE-Life Member (LM33901)
3. IACSIT-Life Member(80343494)
4. IFERP-Professional Member(PM54760231)

Responsibilities held at Institution Level

1. Head, IT Department from 01-06-2020 to tilldate.
2. NBA Coordinator from November 2017 to tilldate.
3. Head, IT Department, CBIT from 30-07-2015 to07-10-2017.
4. Member, Grievance Redressal Committee from 25-02-2020 to till date.
5. Member, Inhouse Training Center,CBIT.

Responsibilities held at Department Level

1. Chairperson, Board of Studies from 01-06-2020 to till date
2. Member, Board of Studies from 07-10-2017 to01-06-2020.
3. Chairperson, Board of Studies from 30-07-2015 to07-10-2017

Research Guidance Guiding 8 Research Scholars, work is in progress.

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Information Security, Data Analysis using R, Digital Logic and Computer Architecture, Data Communications, Computer Networks, Mobile Computing, Programming for Problem Solving, Advanced Computer Networks, Ad-hoc and Sensor Networks, Ethical Hacking

No. of Papers Published

| | | | |
|-----------------------|----|--------------------------|----|
| National Journals – | -- | International Journals – | 14 |
| National Conference – | -- | InternationalConference– | 08 |

Projects Carried out Completed AICTE-MODROBS Project for Big Data Analytics Lab. (AICTE F. No: 9-101/RIFD/MODROB/Policy-1/2016-17)

Patents --

Technology Transfer --

Invited Speaker

1. Delivered a guest lecture on “Course Outcomes” in the Faculty Development Program organized by In-house Training Center, CBIT on 27-11-2018
2. Invited as a Session Chair for the “Computing” track in the 3rd International Conference on Computational Intelligence & Informatics (ICCII-2018) held during 28-12-2018 to 29-12-2018.

No. of Books/Chapter Published with details

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

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1. 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.
 2. Organized a One-week FDP on "Outcome Based Education and NBA Accreditation Process (UG)" Organized by CBIT from 28-05-2020 to 01-06-2020
 3. Organized a One-week Short Term Training Program through ICT mode on “NBA Accreditation” from 22-04-2019 to 26-04-2019 at CBIT in association with NITTTR, Kolkata.
 4. Completed 12 weeks NPTEL online certification on "NBA Accreditation and Teaching - Learning in Engineering (NATE)" in April 2020.
 5. Participated in a one-week online Faculty Development Program on “Outcome Based Education: A Step Towards Excellence” from 11-05-2020 to 15-05-2020 under Margdarshan Scheme of AICTE, New Delhi.
 6. Participated in the Online Course on “Examination Reforms” organized by AICTE during 22-04-2020 to 25-04-2020.
 7. Participated in MEIT, Govt. of India sponsored One week National Level Faculty Development Program (FDP) on “ Machine Learning through Mathematical Modeling supported with Python & R-Soft”, organized by the departments of M & H, CSE & IT of MGIT in collaboration with E&ICT Academy, NIT, Warangal from 02-07-2018 to 07-07-2018.
 8. Participated in “Three Day Hands-on Workshop on VMware” held under TEQIP-III during 29-10-2018 to 31-10-2018 at Department of Computer Science and Engineering, University College of Engineering (A), Osmania University, Hyderabad.

International/National Journals from 2017

1. Dr. K. Radhika, Balaji Phani Pranav Padala & S. Yadavendra Reddy, “Disease Diagnosis with Medical Prescription”, Aegaeum Journal, Vol. 8, Issue 7, Jul 2020, pp.1092-1106.
2. Arvind, Dr. K. Radhika, “A Survey on Building an Effective Intrusion Detection System (IDS) using Machine Learning Techniques, Challenges and Datasets”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol 8, Issue 7, July 2020, pp.1473-1478.
3. D. Naveen Kumar, Dr. K. Radhika, “A Novel Consensus algorithm for Blockchain-based Personal Health Care Management”, TEST Engineering & Management, Vol. 83, Issue May – June, 2020, pp.11343 - 11348
4. Dr. K. Radhika, Dr. K. Madhavi Latha, “Machine Learning model for Automation of Soil Texture Classification”, Indian Journal of Agricultural Research (IJAR), Vol.53, Issue 1, Feb 2019, pp.78-82.
5. Jyothsna Sundaragiri, Dr. K. Radhika, “Secure VM Migration to Improve Load Balancing in Cloud Environment” Vol.5, Issue 8, Aug 2018, pp.500-509.
6. Ch. Rathan Kumar, Dr. K. Radhika, “Detection of Review Spam and Review Spammers Group”, International Journal of Research in Electronics and Computer Engineering. 6, Issue 4, pp.1287-1292.

International/National Conferences from 2017

1. Jyothsna Sundaragiri, Dr. K. Radhika, “Load Balancing in Cloud through Multi-Objective Optimization”, International Conference on Emerging Trends in Engineering at O.U. on 22.03.2019.