

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2022-23

Name: Mr. AjayDilipKumar Marapatla
Designation: Assistant Professor
Department: CSE-AIML&IoT
Mail ID: ajaydilipkumar_m@vnrvjiet.in



Experience (in years): Teaching: 13.
AICTE ID: 1-1443708175

Research: 3
DoB: 10-08-1988

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D.	Pursuing	CSE(Internet of Things)
2.	M.TECH	2014	IT
3.	B.TECH	2009	IT

2. Teaching and Learning:

2.1. Teaching Interests: Operating System, Computer Organization, Computer Networks, Internet of Things, Machine Learning, Distributed Systems, Advanced Operating Systems.

2.2. Novel Teaching & Learning Techniques adopted: Learning by Doing, MOOCS,WIT and WIL.

2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Playing Cricket, Football, Travelling.

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated:

3.4. Counseling and Mentoring Activity:

3.5. Committees involved in: Training and Placement.

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:

- One Week FDP on "Robotic Process Automation Workshop", S.R.K.R Engineering College, August-2020.
- One Week FDP on "Outcome based Education", S.R.K.R Engineering College, August-2020.

- One Week FDP on "Data Science and Big data Analytics", S.R.K.R Engineering College, October- 2017.
- One Week FDP on "Statistical Analysis with R", S.R.K.R Engineering College, February-2017.
- One Day Train the Trainer Workshop on "Innovative Research in pedagogy for Mini-MOOC's blended with instruction strategies to enhance quality of higher Education", S.R.K.R Engineering College, Nov-2017.

4.2 Attended:

- Emerging Trends and Challenges in Data Science and Big Data Analytics, PEC, Pondicherry, (23/06/16-29/06/16)
- Cyber Security and Forensics, SVECW, Bhimavaram (16/08/16-20/08/16)
- Software Testing, SVECW, Bhimavaram (07/09/16-11/09/16)
- Statistical Analysis Using R, SRKREC, Bhimavaram (13/02/17-18/02/17)
- Big Data and IoT, SRKREC, Bhimavaram (26/02/17-26/02/17)
- Data Science and Bigdata Analytics, SRKREC, Bhimavaram (30/10/17-04/11/17)
- Train The Trainers, SRKREC, Bhimavaram (12/11/17-12/11/17)
- MOOC's Open Education and Open Education Resources, SRKREC, Bhimavaram (09/11/17- 11/11/17)
- Internet Of Things, NITTR, Chandigarh (15/04/20-19/04/20)
- Wireless Networks, NITTR, Chandigarh (22/11/21-26/11/21)
- Machine Learning and Its Applications, IIIT Nagpur (07/03/22-12/03/22)

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles/Chapters published in Books:

5.3. Books published as single author or editor:

5.4. Projects Guided:40 (UG)/01(PG).

5.5. Research Interests: Computer Networks, Internet of Things, Machine Learning.

5.6. Ph.D. students:

- a) Enrolled:
- b) Submitted:
- c) Awarded:

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Machine Learning Concepts, Algorithms and Applications	Journal of Emerging Technologies and Innovative Research. Volume-6, Issue-6 Page No : 892-898	2346-5162	7.95	International
2	An Enhanced Technique to discover web data extraction. and Data mining in Multi Cloud Server	International Journal for Modern Trends in Science and Technology Volume-7, Issue-10 ,Page No : 40-47	2455-3778	2.5	International
3	Quantifying Inference Learning Model to Explore Twitter Users	International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-8, Issue-10 ,Page No : 1906-1910.	2321-8169	5.54	International
4	Skin Lesion Analysis Towards Melanoma Detection with Deep Neural Network	Journal of Emerging Technologies and Innovative Research Volume-6, Issue-6.	2349-5162	5.87	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Security Attacks and Its Countermeasures in RPL	International Conference on Smart & Sustainable Technologies, Gunpur.	International	16-12-21 to 18-12-21

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

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6. Awards / Honors received:

- Successfully completed the " Palo Alto Networks Cybersecurity Academy Educator Certificate "certification Course.
- Secured 2nd Rank in the University Ranking for M. Tech.
- Team Member, Internal BOS for the Department of CSE.
- Organizing Member for the Coding and Technical contest in the National Level Technical Symposium-2020.
- Team Member in Conducting Online Exams.
- Team Member, Preparation of NAAC document for Criterion IV, since 2016.
- Coordinator for the Alumni Activities in the College.
- Management Committee member of Indian Red Cross Society West Godavari Dist.

7. Motto: Do work, never expect.