

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2022-23

Name: JU[ALLI PUSHPAKUMARI
Designation: Assistant Professor
Department: CSE- AIML & IoT
Mail ID: Pushpakumari_j@vnrvjiet.in



Experience (in years): Teaching: 14
AICTE ID: 1-3616759690

Research: -

DoB: 10-04-1981

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D.	Pursuing	IoT
2.	M.Tech.	2010	CSE
3.	B.Tech.	2003	CSE

2. Teaching and Learning:

- 2.1. Teaching Interests: Operating Systems, IoT, Cryptography & Security,
- 2.2. Novel Teaching & Learning Techniques adopted:
- 2.3. Involvement in curriculum updating / Design:

Update the syllabus of R-22 Regulation.

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Reading Books, Surfing
- 3.2. CCA/ECA Organized:
- 3.3. CCA/ECA participated: Games/ Sports
- 3.4. Counseling and Mentoring Activity: II AIML-A Section
- 3.5. Committees involved in:
Department Level: Co-Ordinator for SUMMER INTERNSHIP

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:

- Conducted Guest lecture on “Lung Cancer Detection using Deep Learning Models” at VNRVJIET on 05th January 2024.

- Conducted Guest lecture on “**Mathematical Foundations of Computer Science**” at VNRVJIET on 30th October 2023.
- Conducted National Level Workshop on “**Security, Privacy, Challenges and Opportunities with Current Tools and Techniques: A Research Perspective**” at Narsimha Reddy Engineering college, from June 25 to July 01, 2018.
 - Acted as Co-ordinator for a two day National Level Workshop on “**ETHICAL HACKING**”, at Gokula Krishna College of Engineering, Sullurpet, Nellore dist.(12-12-2012).
 - Acted as co-ordinator for A two day National Seminar on “**Advanced Networking and Operating System Support**” at Gokula Krishna College Of Engineering,Sullurpet(21st March-2010).
 - Acted as Co-ordinator for “**GENESIS-2K9**”(A Student Technical Level Symposium) at Gokula Krishna College Of Engineering, Sullurpet(27th March - 2009).
 - Successfully Conducted **FP(Foundation Program) module training program (sponsored by IEG-JKC-INFOSYS)** for all branches III year Top 10 Rankers at Gokula Krishna College Of Engineering, Sullurpet(6 Months,20-sep-2008 to 14-mar-2009).
 - Conducted “**Soft Skills for Faculty**” at Gokula Krishna College Of Engineering, Sullurpet(1Month i.e., from 01-12-2008 to 01-01-2009).

4.2 Attineeringended:

- Attended for Five-Week FDP on Familiarization sessions on Filing IP in Real Time, during 30th March to 27th April 2024.
- Attended for One-Week National Level FDP on “Data Visualization using Tableau”, 1st to 05th April 2024
- Attended for One-Week National Level PDP on “Data Visualization”, 29/01/24 to 03/02/24 organized by department of CSE-CyS,DS&AIDS, VNRVJIET
- Participated in a distinguished lecture on ”Wearable Computing System Based on Body Sensor Networks” organized by IEEE Sensors Council Hyderabad Chapter ,held on 13th December 2023.

- Attended for One-Week National Level Workshop on “**MACHINE LEARNING using R-PROGRAMMING**” at Narsimha Reddy Engineering college, from July 8th 2019 5 to July 13, 2018.
- Participated in the 4 Days workshop, “**MISSION 10X**” (HIGH IMPACT TEACHING SKILLS), conducted by WIPRO at G.K.C.E.,Sullurpet, in Feb 2012.
- Participated in a One-Day national seminar on “**Digital Watermarking & DSP Processors**” at Gokula Krishna College Of Engineering,Sullurpet(29,Dec-2008).
- Attended National Level Workshop on ”**Datawarehousing & Mining and Web Technologies through J2EE**” on 03rd & 04th November 2008, at G.K.C.E., sullurpet.
- Attended for the two day Workshop on “**MATLAB**”, at CMRCET, on 7th feb 2008, Hyderabad.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles / Chapters published in Books: 03

5.3. Books published as single author or as editor:

5.4. Projects Guided: 12

5.5. Research Interests:

5.6. Ph.D. students:

- Enrolled:
- Submitted:
- 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	Detection of Word Substitution In Intercepted Communication	IJERT	1579-5321	5.57	National
2	Paper Title: A Cluster based method for Redundancy Management in Wireless sensor networks	JETIR	ISSN: 2349-5162	7.95	International
	Design of Innovative Battery Management	SRDC	978-81-945642-5-6	7.35	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Efficiency and Security in managing the environment of Cloud Computing	ICAISC	International	22-23, October 2021

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

6. Awards / Honors received: NPTEL

7. Motto: Give Respect and take Respect