Name: RENU DEEPTI SURAPANENI
Designation: Assistant Professor
Department: Information Technology
Mail ID: renudeepti_s@vnrvjiet.in

Experience (in years): Teaching:06   Research: NIL   Others(if any, specify):NIL

AICTE ID: 1-2939513906

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	MTECH	2012	CSE
2	BTECH	2010	IT
3	Intermediate	2006	
4	SSC	2004	

2. Teaching and Learning:
2.1. Teaching Interests: Computer Networks, Data mining, SE, SPM,STM,Python
2.2. Novel Teaching & Learning Techniques adopted: Think-Pair-Share, POGIL
2.3. Involvement in curriculum updating / Design: NIL

3. Co-curricular and Extra-Curricular Activities:

3.1. Interests and Hobbies: gaining knowledge about latest trends and techniques, music

3.2. CCA/ECA Organized: NIL

3.3. CCA/ECA participated: Member in IAENG

3.4. Counseling and Mentoring Activity: Counsels and guide my mentees into a right path

3.5. Committees involved in:

 Department level: Remedial and tutorial classes coordinator, Admission SPOC, 2nd year class coordinator, 2nd years SPOC

4. Conference / Workshop / Seminar / Guest Lectures :
4.1 Conducted: NIL
4.2 Attended:

- Two days national workshop on "web application development using python" at VNRVJIET on 4th and 5th april,2016

- One week FDP conducted by NITW on "Sensor networks and IOT" in the month of December 2016

- Three day workshop on "Recent trends in image and video processing" at VNRVJIET.

- A One Week training programme on "Instructional Design and Delivery System" conducted by NITTTR

- online one week FDP on "Industry Expectations From Data Mining And Blockchain Professionals" organised by department of CSE ,VNRVJIET,in collaboration with CSI VNR SC, duration 25th to 29th May-2020

- online one week FDP on "Artificial Intelligence and Machine Learning for Engineering Applications" organised by department of CSE ,IT & ECE,VNRVJIET, duration 8th to 12th-June-2020

- online 40 hour FDP on " Research challenges and hands on practice in data analytics and AI" sponsored by Ministry of electronics and information technology organized by E& ICT academy,NIT warangal, VNRVJIET, duration 21st to 31st july-2022

- online one week FDP on "Recent trends in cognitive science and its applications"organized by department of CSE,VNRVJIET,Vikram university,oriental university and SOCIPS Academy, duration march 13th to march18th 2023.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: NIL

5.2. Articles / Chapters published in Books: NIL

5.3. Books published as single author or as editor: NIL

5.4. Projects Guided:

      a) UG:05

      b) PG:01

5.5. Research Interests: AI/ML

5.6. Ph.D. students:

      a) Enrolled: NIL

      b) Submitted: NIL

c) Awarded: NIL

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	A Novel Data Mining based approach for Remote	(IJCTT),V3(3):1022-1027	ISSN 2231-2803	1.517	International
2	Efficient algorithm for mining high utility itemsets from large datasets using vertical approach	(IOSR),V18,I4	2250-3021	3.71	International
3	Enhancing the Security of Online Card Payment System	IJATCSE,vol-9	ISSN 2278-3091	0.2	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	A Survey on stream processing and streaming analytics for real-time big data	ICRACSC-2016	International	29th &30th dec 2016
2	Implementation of power law model for assessing software reliability	ICCII-2017	Springer	Dec-2018
3	A TDMA Scheduling for Particle Swarm Optimization-Based Unequal Clustering in WSN: PSO-UFC-TDMA	ICACECS-2020	Springer	Aug-2020
4	Shielding software defined networks using hidden authentication technique	ICRTC-2021	International	May-2021
5	Lung cancer detection through deep neural networks usin CT scan images	ICCIC	International	Dec-2022
6	Pothole detection using convolution neural networks	AIS3-2023	International	Jan-2023

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NIL

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: NIL

7. Motto: A good education is like a savings account; the more you put into it, the richer you are.