

Name : SARIKA NYARAMNENI
Designation: ASSISTANT PROFESSOR

Department : CSE

Mail.I.D : sarika_n@vnrvjiet.in



Experience (in years): Teaching: 13 Research: 5 Others (If any, Specify):

AICTE Id : 1-2641423448

Date of Birth : July 27, 1987.

1. Educational / Technical qualifications:

| S.No | Level (UG / PG / Ph.D) | Year of passing | Specialization |
|------|------------------------|-----------------|----------------|
| 1 | Ph.D(Pursuing) | | CSE |
| 2 | M.Tech. | 2011 | SE |
| 3 | B.Tech. | 2008 | CSE |
| 4 | Intermediate | 2004 | MPC |
| 5 | SSC | 2002 | |

2. Teaching and Learning:

2.1. Teaching Interests: Computer Networks , Machine Learning, C Programming, Web Technologies , Java Programming, Software Requirements and Estimation, Mobile Computing Computer Organization.

2.2. Novel Teaching & Learning Techniques adopted: Black Board, chalk & talk, PPTs, Think-Pair-Share, Brain Storm, WIT & WIL.

2.3. Involvement in curriculum updating / Design: YES

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading Stories

3.2. CCA/ECA Organized: NA

3.3. CCA/ECA participated: NA

3.4. Counseling and Mentoring Activity: Till update for all IV yrs. Counselling students to overcome the attendance and to improve according to their academics.

3.5. Committees involved in:

Department level: CO-PO Mapping collection, PO attainment calculation, Course files collection.

Institute Level: CDC Member(Instructor for CISCO Netacad Training Programs)

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

- Conducted a guest lecture on “Java Programming” for 3ECE students on 31-03-2017.
- Conducted a awareness session on “Importance of Security and Privacy in the Hyper Connected World” for 3CSE and CSBS students on 07-02-2023.

4.2 Attended:

- Participated in one week faculty development programme on “Recent Trends in Cognitive Science and Its Applications” from 13th to 18th March 2023 conducted by department of CSE, VNR VJIET in Collaboration with Vikram University.
- Completed Certification on “Artificial Intelligence for All” from feb to march 2023 sponsored by IUCEE(Indo Universal Collaboration for Engineering Education)
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- Attended One-week Online Faculty Development Programme on “Design Thinking – Problem Discovery to Real Solutions” conducted during 31st Aug. – 4th Sept., 2021 by CENTRE FOR PERSENCING AND DESIGN THINKING (CPADT) of VNR VJIET
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Stress Management" from 13/09/2021 to 17/09/2021 at VNR Vignana Jyothi Institute of Engineering and Technology.
- Participated in 2 day workshop on “Introduction to Machine Learning” by IIT Kharagpur on 16-17 December, 2017.
- Attended National Level Workshop on “Recent Trends in Image and Video Processing” from 20 March 2017 to 22 March 2017.
- A two day work shop orientation on “Online and Blended Learning” conducted by IIT Bombay from May 25th – 26th , 2017.
- A three day work shop on “Recent Trends in Image & Video Processing” Conducted by CSE Department on 20th – 22nd March 2017.
- An AICTE approved Four-week Faculty Developed Programme (FDP) on “Use of ICT in Education for Online and Blended Learning” conducted by IIT Bombay from May 2nd, 2016 to July 10th, 2016.
- A three day work shop on “Recent trends in mobile computing and cloud security” Organized by VNR VJIET on 4th – 6th May, 2016.
- Faculty Development Program on Effective Methods of Teaching for Women Faculty Saturday 23rd March, 2013 organized by Institute of Public Enterprise O.U. Campus, Hyderabad.

- Workshop on Big data & Hadoop Organized by VNRVJIET on 27th- 28th Nov2015.
- Workshop on Research in Innovation Organized by VNRVJIET on 28th- 30thJan,2016.

➤ **Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures: NA

5.2. Articles / Chapters published in Books: NA

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

5.4. Projects Guided:

a) UG: 7

- Network Traffic Classification using Machine Learning
- Patient Obligation Perceiver using eye Gesture
- Apparel Design Using Image Style Transfer
- Social networking site for social responsibility
- E-Gas Seva.
- Unique ID management.
- Online Grievance redressal system.
- Analysing college data using “R”
- Location based alarm system
- Online Book sales with mobile SMS.

b) PG: 3

- Implicit password authentication system.
- Inferring web user sessions by using clustering techniques.
- Cloud data protection for the masses.

5.5. Research Interests: Network traffic analysis, Deep Learning, Intelligent Transport System, Cellular Automata.

5.6. Ph.D students:

a) Enrolled: NA

b) Submitted: NA

c) Awarded: NA

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 | Patient Obligation Perceiver Using Eye Gestures | International Journal & Research in Applied Science and | ISSN: 2321-9653 | SJIF: 7.53 | International |

| | | | | | |
|---|--|---|--|---|---------------|
| | | Engineering Technology (IJRASET) | | | |
| 2 | Classification of Network Traffic for Intrusion Detection | Journal of Emerging Technologies and Innovative Research (JETIR) | ISSN: 2349-5162 | 7.95 Calculated by Google and Scematic scholar | International |
| 3 | Classification of Software Defined Network Traffic to provide Quality of Service | International Journal of Research in Engineering and Technology (IJRET) | e-ISSN: 2395-0056 p-ISSN: 2395-0072 | Scientific Journal Impact factot : 8.226 | International |
| 4 | Apparel Design Using Image Style Transfer | International Journal of Creative Research Thoughts (IJCRT) | ISSN: 2320-2882 | Impact factor 7.97 (Calculate by google scholar and Semantic Scholar) | International |
| 5 | Multi –View point Similarity Measures In Clustering Methods | International journal of Computer Science and Electronics Engineering | ISSN:0975 - 5664 | 1.491 | International |
| 6 | Novel PathInference in Large Scale Wireless Networks Using Sensors | International Journal of Computer Sciences and Engineering | E-ISSN: 2347-2693 | 2.32 | International |

5.8. Papers presented at National / International Journals:

| S.No | Title of the Paper | Names of the Conference/ Seminars | National/ International | Period |
|-------------|--|--|--------------------------------|---------------------------|
| 1 | An email users clustering model based on text similarities between Emails. | International Conference on Information and Communication Technology (ICICT 2011) Chennai, India. | International | 2011 |
| 2 | Sheltered cloud Storage-Retreat, Preserve open evaluation. | International Conference on Cloud Computing(ICCC2013) | International | 26-28, Nov2013. |
| 3 | ARIMA for Traffic Load Prediction in Software Defined Networks | Evolutionary Computing and Mobile Sustainable Networks(Proceedings of ICECMSN 2020) | International | VOL 53 815-824 |
| 4 | Internet Traffic Prediction in SDN Using RF and XGB | Advances in Computational and Bio-Engineering, Learning and Analytics in Intelligent Systems 16, 2020 | International | (LAIS, volume 16) 2020 |

5.9. Sponsored research Projects: NA

| S.No | Title | Agency | Period | Grant amount | Ongoing / Completed |
|-------------|--------------|---------------|---------------|---------------------|----------------------------|
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5.10 Consultancy Projects: NA

| S.No | Title | Agency | Period | Sanctioned Amount | Ongoing / Completed |
|-------------|--------------|---------------|---------------|------------------------------|--------------------------------|
| | | | | | |

6. Awards / Honors received:

- I am one of the top performers in the AICTE approved Four Week FDP by IIT Bombay on “Use of ICT in Education for Online and Blended Learning”

7. Motto: Work is Worship.