Name: Mrs. Deepika Borgaonkar
Designation: Assistant Professor

Department: CSE-DS, CYS and AI&DS

Mail I'd: deepika_b@vnrvjiet**.in**

Experience (in years):   12.5   Teaching: 12.5   Research: NIL   Others(if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	Pursuing	CSE
2	M.Tech	2014	SE
3	B.Tech	2007	CSE

2. Teaching and Learning:

2.1. Teaching Interests:
1. Computer Programming
2. Data Structures through C
3. Data Structures through C++
4. Formal Languages and Automata theory
5. Design and Analysis of Algorithms
6. Operating Systems
7. Computer networks
8. Unified Modelling Language
9. Internet of Things

2.2. Novel Teaching & Learning Techniques adopted:

Make students to work in collaborative and competition fashion

Make the process of teaching and learning enjoyable

Develop cooperation among students

Encouraging active learning

Project Based Learning

Power Point Presentations

2.3. Involvement in curriculum updating / Design:
- Work under DAA(Dean of Academic Affairs) during 2021-22
- CO-PO-PSOs Mapping
- BOS work.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading books

3.2. CCA/ECA Organized: Organized many Cultural programmes

3.3. CCA/ECA participated: Participated in Women's Day celebrations(Dancing), Cultural

3.4. Counselling and Mentoring Activity: Mentor for 22 students in I DS-A in VNR VJIET, many students in past worked colleges.

3.5. Committees involved in:

Department level: : NAAC, NBA, BOS

Institute Level: : NAAC, NBA, DAA

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

- Attended "Exploratory Data analysis for Deep learning using Python and Microsoft Power BI" organized by NATIONAL INSTITUTE OF TECHNOLOGY(NIT) WARANGAL [31st March – 04rth April2023].

- Attended "Recent Trends in Cognitive Science & it's Applications" organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad [13th- 18th March, 2023].

- Attended "Statistical Analysis using Python" organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad [06th- 11th March, 2023].

- Attended "CYBER FORENSICS" organized JNTUH, Hyderabad [15th – 25th Feb., 2023].

- Attended "Ethical Hacking" organized by Indian Institute of Technology IIT, Hyderabad [04rth to 05th Feb., 2023].

- Attended "Data Science for Engineers" organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad [23rd to 28th January, 2023].

- Attended "Big Data Computing" organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad [02nd February - 04th February, 2023].

- Attended "Platforms & System Security in Cyber Space" organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad[30th January - 04th February , 2023].

- Attended "Problem Based Learning" organized by Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad[27th – 1st July.,2022].

- Attended "IOT and AI on Edge" organized by IEEE CAS GRIET SB at Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad[27th – 1st July.,2022].

- Attended "Institutional Management and Administrative Procedures" organized by Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad[07th – 15th Feb.,2022].

- Attended "PEDAGOGY AND RESEARCH METHODOLOGIES" organized by AICTE – ISTE SPONSORED At Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad[21st - 28th Dec.,2021].

- Attended "Significance of IPR for Researchers and Students" organized organized by Technology and Innovation Cell in association with J-Lab and Resolute4IP At Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad[18th August,2022].

- Attended "Instructional Planning and Delivery" organized by NITTT Module-4 At Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad[23rd to 28th August,2021].

- Attended "System Design Aspects in IOT" organized by JNTUH College of Engineering Hyderabad in association with NIT Warangal[26th June- 02nd July,2018].

- Attended "CLOUD COMPUTING THROUGH ICT" organized by NITTTR, Chandigarh At Malla Reddy Engineering College For Women (MRECW) Hyderabad[23rd to 27th Octomber,2017].

- Attended FDP ON APPLIACTION ORIENTED TEACHING METHODLOGIES organized by Malla Reddy Engineering College For Women (MRECW) Hyderabad[3rd TO 5th JULY 2017].

- Attended " Open Source Technologies through ICT" organized by NITTTR, Chandigarh At Malla Reddy Engineering College For Women (MRECW) Hyderabad[13th to 17th November,2017].

- Attended "Workshop on RESEARCH METHOLOGIES" organized by Malla Reddy Engineering College For Women (MRECW) Hyderabad[22nd April 2017].

- Gave " SEMINAR ON LI-FI TECHNOLOGY" in Staff Development Program organized by Teegala Krishna Reddy Engineering College(TKREC) Hyderabad[6th January 2014].

- Attended "FDP ON MODERN TEACHING TRENDS IN SCIENTIFIC AND TECHNICAL EDUCATION" organized by Teegala Krishna Reddy Engineering College(TKREC) Hyderabad[30th june to 6th july 2014].
- Attended " FDP ON DEVELOPING WORLD CLASS TEACHING COMPETENCIES-A NEW PROSPECTIVE" organized by Teegala Krishna Reddy Engineering College(TKREC) Hyderabad[27th june to 29th june 2013].
- Attended " FDP ON ENHANCING THE TEACHING SKILL IN TECHNICAL EDUCATION" organized by Teegala Krishna Reddy Engineering College(TKREC) Hyderabad[28th june to 30th june 2012].

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 : 8   b) PG : NIL

5.5. Research Interests : Machine Learning, Artificial Intelligence, NLP

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	Trusted and Efficient Request Processing Using Packet List on Cloud	International Journal of Engineering and Advanced Technology (IJEAT) Volume-8, Issue-6S3	ISSN: 2249 – 8958		International
2	QoS in Wireless Sensor Network using Hybrid	International Journal of Engineering &	1507-1510	3.49	International

	Selective Hop-Notification Routing Algorithm (HSRA)	Technology(IJET), Volume-7			
3	Evolutionary of Secure Key management WSN communications	International Journal of Pure and Applied Mathematics(ijpam), Volume 118 No. 14	ISSN: 1311-8080		International
4	An Efficient Analysis in Image Processing in Big data	International Journal of Pure and Applied Mathematics(ijpam), Volume 118 No. 14	ISSN: 1311-8080		International
5	ESAM CLOUD: The Framework of Efficient Social Video Sharing and Adaptive Mobile Video Streaming in the Cloud	International Journal Of Technology and Engineering Science(IJTES),.Volume 2	2407-2414		International

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Trusted and Efficient Request Processing Using Packet List on Cloud	International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE – 2019)	International	Feb-2019
2	QoS in Wireless Sensor Networkusing Hybrid Selective Hop-Notification Routing Algorithm (HSRA)	International journal of Engineering and Technology"(IJETUAE-2018)	International	2018
3	Evolutionary of Secure Key management WSN communications	International Conference on Technical Advancements in Computer Science and Engineering	International	Feb 2nd 2018

		[IJTACSE-2018] and SCOPUS			
4	An Efficient Analysis in Image Processing in Big data	International Conference on Technical Advancements in Computer Science and Engineering [IJTACSE-2018] and SCOPUS	International	Feb 2nd 2018

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

1. Successfully completed the NPTEL online certification course on "INTRODUCTION TO RESEARCH" with a score 77% and achieved Elite Certificate in the year Oct. 2022.

2. Successfully completed the NITTT online certification course on "Module 1: Orientation Towards Technical Education and Curriculum Aspects" with a score 80% in the year April-2022.

3. Successfully completed the NITTT online certification course on "Module 2: Professional Ethics & Sustainability" with a score 73% in the year April-2022.

4. Received Appreciation certificate to provide 100% result of "Data Structure through C++" in the year 2018.

5. Received certificate to work under DAA (Dean of Academic Affairs) in the year 2022.

7.   Motto: To provide Knowledge, Innovation, Excellence in engineering education.