Name   : Dr. VEMULAPALLI SARITHA
Designation: Asst. Professor
Department: Information Technology
EMail ID: saritha_v@vnrvjiet.in
Experience (in years): Teaching: 18 years   Research: 08years   Others (If any, Specify):
AICTE ID : 1-472780581
Date of Birth: Saturday, June 03, 1978

1. **Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.E (CE)	2000	CE
2	M.Tech (IT)	2002	IT
3	Ph.D (CS&SE)	2022	CS&SE

2. Teaching and Learning:
2.1 Teaching Interests:
   Database Management Systems, Object Oriented Programming Through Java/C++, Web Technologies, Scripting languages, Data Mining and Warehousing, Operating Systems, Distributed Databases, Principles of programming languages, Cryptography and Network Security (Information Security), C-programming, Advanced Databases, Data Structures Through Java.
2.2 Novel Teaching & Learning Techniques adopted:
   Learning by doing, WIT &WIL, PPTs, Videos, Live Demonstration
2.3 Involvement in curriculum updating / Design:
   Involved in Updating B.Tech Curriculam in the subjects Web Technologies and Advanced Databases

3. Co-curricular and Extra-Curricular Activities
3.1. Interests and Hobbies:
   - To build a successful career, working with committed & dedicated people.
3.2. CCA/ECA Organized:
   - Team Member of Infosys Campus Connect Program for Relational Databases Module .
   - Guided students for Projects carried out under 'The Great Mind Challenge' A National Level Software Development Program by IBM.
   - Conducted a 3 Day Workshop on Microteaching for the CSE &IT faculty of VNRVJIET during April 20 – 22, 2009.
   - Conducted a Oracle Certification training Programmes for the Students of CSE & IT in the Module   Introduction to Oracle9i: SQL at VNRVJIET.
   - Conducted Project Expo for final B.tech.
   - Team member of Open House, for Convergence 2016, 17, 18 at VNRVJIET.
3.3. CCA/ECA participated:

- Involved in Techno fest's Adroit & Convergence at VNRVJIET.

3.4. Counseling and Mentoring Activity:
- Played role as Class Coordinator & Mentor

3.5. Committees involved in:
      Department level: CCA, Class Coordinator, NBA point incharge
      Institute Level: CAMS member, Induction Program Coordinator, Institute Website
          member.

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

- Organized Staff Development Program on Recent Trends in Networking & Security during 13th – 26 Jun, 2011 at VNRVJIET sponsored by AICTE.
- Organized a Oracle Certification training Programme for the Module Introduction to Oracle 9i: SQL during May 10 – 14, 2011 at VNRVJIET as a Resource Person.
- Conducted a guest lecture on java beans for 3rd IT students of VNRVJIET in 2011.
- Organized a Oracle Certification training Programme for the Module Introduction to Oracle 9i: SQL during Aug 02 – 28, 2010 at VNRVJIET as a Resource Person.
- Organized a 3 Day Workshop on Microteaching during April 20 – 22, 2009 at VNRVJIET as a Resource Person.
- Organized a Oracle Certification training Programme for the Module Introduction to Oracle 9i: SQL during July 1 – 25, 2008 at VNRVJIET as a Resource Person.
- Organized a 2 Day workshop on Bio Informatics during 18 – 19 Feb, 2008 at VNRVJIET as Coordinator.
- Conducted a guest lecture on java beans for 4th IT students of VNRVJIET in Oct,2015

4.2 Attended:

- Object Oriented Analysis and Design using the UML with Fundamentals of Rational rose at VNRVJIET from 06th Dec - 07th Dec, 2005.
- Free & Open Source Software(GNU/Linux) at VNRVJIET from 16th March – 18th March, 2006.
- Cryptography and Network Security at Vasavi College of Engineering, Hyderabad.
- Oracle Certification programme for the modules Introduction to Oracle9i: SQL, Database Administration   Fundamentals at Oracle University, Delhi in March, 2008.
- Object Oriented Analysis and Design using the UML with Fundamentals of Rational rose at VNRVJIET during 27th August – 29th August, 2008.
- Mission 10X Effective Teaching Methodologies organized by Wipro at VNRVJIET from 15 – 19th Dec, 2008.
- Recent Trends in Data warehousing & Mining at National Institute of Technology, Warangal sponsored by MHRD during 8th - 20th June, 2009.
- UGC sponsored Refresher Course on Advanced Trends in Web Mining and Data Warehousing at UGC- Academic staff college, JNTU, Hyderabad during 18th Oct – 08th Nov, 2010.
- Attended and Presented a paper Saritha Vemulapalli, Prof. Shashi M : "Design and Implementation of an Effective Web Server Log Preprocessing System" at International Conference on Information Systems Design and Intelligent Applications-2012 (INDIA-

2012) during 05th – 07th Jan, 2012, proceedings of the InConINDIA 2012, AISC 132, pp. 897-905. Springer-Verlag, AISC (2012).

- Attended and Presented a paper Saritha Vemulapalli, Prof. Shashi M : "An Effective Analysis of Server Log for Website Evaluation" at International Conference on Frontiers of Intelligent Computing: Theory and applications (FICTA-2012) during 22nd – 23rd Dec, 2012, proceedings of FICTA: Springer-Adva nces of Intelligent Systems and Computing in Springer-Verlag, AISC (2013).
- TEQIP sponsored 2-day workshop on "Applications of Computer Networks and It's Security" on 09-10, Nov 2015 at VNRVJIET.
- TEQIP sponsored 2-day workshop on "BIGDATA AND HADOOP" on 27-28, Nov 2015 at VNRVJIET.
- TEQIP sponsored 2-day workshop on "Network Security and it's Applications" on 7-8, Jan 2016 at VNRVJIET.
- Attended Online Hands-On Workshop On Effective Utilization Of Digital Platforms For Teaching and Learning Process from 15 - 17, May,2020 organized by VNRVJIET, Hyderabad.
- Attended Online FDP On Python For Machine Leaning from 18 - 23, May,2020 organized by VNRVJIET, Hyderabad Incollaboration With CSI.
- Attended Online FDP On Industry Expectations From Data Mining And BlockChain Professionals from 25 - 29, May,2020 organized by VNRVJIET, Hyderabad Incollaboration With CSI.
- Attended Online FDP on Python 3.4.3 from 1st – 6th June, 2020 organized by Vaagdevi College of Engg., Warangal, In Association with IIT Bombay, Spoken Tutorial.
- Attended Online FDP on Artificial Intelligence And Machine Learning for Engineering Applications from 8th – 12th June, 2020 organized by VNRVJIET, Hyderabad.
- Attended Online FDP on Advanced Data Science With Applications from 22nd – 26th June organized by BVRIT, Hyderabad.
- Attended Online FDP on Blockchain and Cyber Security from22nd – 26th June, 2020 organized by Andhra University college of Engineering, ISEA, vizag.
- Completed Online Certification Program on "Performing Data Definition and Manipulation in SQL" Offered by Coursera during july, 2020.
- Completed Online Certification course on Pattern Discovery in Data Mining Offered by Coursera during July-Aug, 2020.
- Completed Online Certification Program on "Sequences, TimeSeries and Prediction" Offered by Coursera during **July-Aug, 2020.**
- Attended FDP on Advanced Data Science with Applications Organized by VNRVJIET during 22nd - 26th June, 2020.
- Attended FDP on Blockchain and Cyber Security Organized by VNRVJIET during 22nd - 26th June, 2020.
- Attended Workshop on Effective online teaching using ICT tools Organized by VNRVJIET during 29-06-20 to 04-07-20.
- Attended Workshop on VNR Initiatives and Awareness on Outcome based education Organized by VNRVJIET during 06-07-20 to 11-07-20.

- Attended Workshop on "Machine Learning with Web Development organized by G.Narayanamma Institute of Technology and Science, Hyderabad in Association with Codegnan IT Solutions during 06-07-20 to 10-07-20.
- Attended Workshop on Python essentials Organized by VNRVJIET during 23-07-20 to 25-07-20.
- Attended FDP on AIML Organized by VNRVJIET during 13-07-20 to 17-07-20.
- Attended FDP on "CYBER ATTACKS AND DIGITAL FORENSICS" organized by MGIT inassociation with IndianServers during 20-07-20 to 24-07-20.
- Attended FDP on Essentials of Mathematics in Machine Learning Organized by VNRVJIET during 27-07-20 to 31-07-20.
- Attended Workshop on "Applications of Data Science for Industrial Problems through Python" organized by JNTUK in Association with ExcelR during 10-08-20 to 28-08-20.
- Attended FDP on Emerging Trends in Mathematical Modelling Using Python Programming organized by CMRIT during 07-08-20 to 11-08-20.
- Attended FDP on "Advanced DataScience and Applications" organized by MREC, Hyderabad during 17-08-20 to 28-08-20.
- Attended FDP on "Machine Learning Technologies for Social Media Analytics" organized by IIT Guwahati under ISEA project during 19-08-20 to 23-08-20.
- Attended Training program on Python programming organized by 360DigiTMG during 03-08-20 to 07-08-20.
- Attended Online Faculty Development Programme On Data Science & Its Applications In STEM (Under TEQIP-3) conducted by Andhra University College Of Engineering (A), Andhra University and University Engineering College Vizianagaram, JNTUK, Kakinada in association with APSCHE (Andhra Pradesh State Council of Higher Education) from 07th to 21st September,2020.
- Attended AICTE Sponsored One Week Online Short Term Training Programme (STTP) on machine Learning and Deep Learning techniques to develop Artificial Intelligence Applications using python during 14th to 19th Dec, 2020 organized by VNRVJIET.
- Attended AICTE-ISTE approved refresher programme on Intelligent Learning organized by ANITS, Visakhapatnam during 17th to 23rd Feb, 2021.
- Attended AICTE - ISTE Sponsored a Six Day Induction / Refresher Programme on "**Machine Learning for All**" Organized by Dept., of Electronics and Communication Engineering and Centre for Research and Innovation, KSRM College of Engg., Kadapa, A.P., from 1st to 6th Feb., 2021.
- Attended online Training program on Artificial Intelligence organized by Pantech e learning PVT Ltd in association with Skill AP (APSSDC) from 06-12-2021 to 04-01-2022.
- Attended online Training program on Data Science and Analytics organized by Pantech e learning PVT Ltd in association with Skill AP (APSSDC) from 20-01-2022 to 18-02-2022.
- Attended workshop on "Developing Winning Research Proposals" conducted by VNRVJIET, Hyderabad from 08-08-2022 to 12-08-2022.
- Attended One Week FDP on "Natural Language Processing (NLP)" Organized by Department of CSE (Artificial Intelligence Machine Learning & IOT), VNRVJIET In collaboration with IEEE CS from 13th to 17th February , 2023 .

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

Delivered an invited talk on "java database connectivity" in Web Technologies workshop organized and conducted by CSE Dept, VNRVJIET for B.Tech & M.Tech students.

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided:

a) UG: 18

b) PG: 2

5.5. Research Interests:

Data Mining, Databases, Web Technologies, Security.

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	Pre-Order Post-Order Coded Aggregate Tree based Algorithm for Mining Sequential Patterns	International Journal of Engineering and Advanced Technology (IJEAT) , Volume-9 Issue-1, October 2019. pp: 7594 - 7600	ISSN: 2249 – 8958		International

S. No	Title of the Paper		ISSN: 2231 – 5381		International
2	"High Utility-Occupancy Sequential Pattern Mining Algorithm Based On Utility-Occupancy Framework"	International Journal of Engineering Trends and Technology – IJETT, Volume - 69 Issue - 4, April 2021. PP: 228-235.	ISSN: 2231 – 5381		International

5.8. Papers presented at National / International Conferences:

S. No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	"An Effective Analysis of Server Log for Website Evaluation"	International Conference on Frontiers of Intelligent Computing: Theory and applications (FICTA-2012)	International	$22^{nd} - 3^{rd}$ Dec, 2012
2	"Design and Implementation of an Effective Web Server Log Preprocessing System"	International Conference on Information Systems Design and Intelligent Applications-2012 (INDIA-2012)	International	$05^{th} - 7^{th}$ Jan, 2012

5.9. Sponsored research Projects: Nil

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1	Campus Management Solution Modules (CAMS)	FutureTech Information Systems PVT LTD, Secunderabad, Hyderabad, A.P	2008-2011	15,00,000	Completed

6. Awards / Honors received:
Secured ELITE Certificate in the subject "Data Base Management Systems", NPTEL

7. Motto: Work is Worship & Efficiency is Divine