

RESUME

Name Dr.D.V. JEYANTHI

Designation Assistant Professor & Head

Department Computer Science

Date of Joining 07-08-2006

Total Teaching Experience 23 years

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Educational Qualification:

Degree	Subject	College / University & Place	Year of passing
B.Sc.,	Computer Science	Meenakshi Government College for Women, Madurai	1996
M.Sc.,	Computer Science	Madurai Kamaraj University College, Madurai	1998
M.Phil.,	Computer Science	Manonmaniam Sundaranar University, Tirunelveli	2004
P.G.D.S.Y.,	Scientific Yoga	Madurai Kamaraj University, Madurai	2013
Ph.D.,	Computer Science	Madurai Kamaraj University, Madurai	Nov 2024

Specialization in Teaching:

1. Web Technology
2. Computer Networks
3. Computer Organization
4. C Programming
5. Advanced Java Programming

Specialization in Research: Networks Security

Research Interests:

- Networks Security
- Machine Learning

Publications:

International Journals / Conferences

1. Published a paper titled “IoT-based intrusion detection system for healthcare using RNNBiLSTM deep learning strategy with custom features”, in the journal “Soft Computing” publisher Springer Link , Vol. 27, issue 16, pp.11915–11930, May 2023, <https://doi.org/10.1007/s00500-023-08536-8>
2. Published a paper titled “An Efficient Intrusion Detection System with Custom Features using FPA-Gradient Boost Machine Learning Algorithm”, in the journal “International Journal of Computer Networks & Communication” Vol.14, No.1 Jan 2022, Scopus Indexed, UGC Care List 2 , , eissn : 0975-2293 <https://airconline.com/abstract/ijcnc/v14n1/14122cnc07.html>
3. Published a paper titled “Intelligent Intrusion Detection System Combining Misuse Detection and Anomaly Detection Using Random Forest Algorithm” , in the journal “INTERNATIONAL JOURNAL OF RESEARCH PEDAGOGY AND TECHNOLOGY IN EDUCATION AND MOVEMENT SCIENCES”, 10(3), 18-33. <https://ijems.net/index.php/ijem/article/view/200>
4. Published a paper on “A Survey On Feature Selection and Classifiers in Machine Learning For The Intrusion Detection Systems”, Internation Journal on Advanced Science and Technology, ISSN:2207-6360, No 7s,(2020), pp4545-4554, <http://sersc.org/journals/index.php/IJAST/article/view/25692>
5. Presented a paper on “Intrusion Detection System Intensive on Securing IoT Networking Environment Based on Machine Learning Strategy” in the conference 5TH International Conference On Intelligent Data Communication Technologies And Internet Of Things (ICICI 2021), February 2022, at JCT College of Engineering and Technology, Coimbatore on Aug 2021 https://doi.org/10.1007/978-981-16-7610-9_11 In book: Intelligent Data Communication Technologies and Internet of Things (pp.139-157) EISSN 978-981-16-7610-9, Springer,
6. Presented a paper on “IOT Datasets for Intrusion Detection Systems”, at the 4th International E-Conference On Incipient Research in Information Technology, Commerce, Management and Linguistics2021 (ICEIIT 2021), Quaide Milleth College for Men, Chennai in collaboration with Dambi Dollo University, Ethiopia, Sep 2021.
7. Presented a paper on “An Effective Intrusion Detection Scheme over Wireless Communication Environment based on Artificial Intelligence Enabled Modified Learning Strategy”, at National Conference on AI & ML in Aerospace & Biomedical Engineering Applications (NCANEA 2023), ACS College of Engineering, Bengaluru, June 2023

8. “A Survey on Hardware Platforms Available for Big Data Analytics”, Shanlax International Journal of Arts, Science and Humanities , ISSN : 2321-788x, vol :3, mo:4, GIF :1.5496 IC Value :23.21, April 2016.
9. Presented and Published a paper on ” AutoEncoder for Intrusion Detection System : A Review”, at International Conference - ICRDSEIT-2020, MKU, Madurai on 24-09-2020, ISBN : 978-81-944843-8-7

National Journals

1. “A Comparative Study of Platforms for Big Data Analytics”, proceedings of National Conference on Recent Trends in Computer Application 2016- RTCA-2016. ISBN NO : 978-81-92945-85-9, 01/05/2016, http://www.shanlaxjournals.in/pdf/ASH/V3N4/Ash_V3_N4_005.pdf
2. “An Overview of Predictive Modeling using R and Python” , proceedings of National Conference on Data Science, Communications and Multimedia – NCDCM-2017. ISSN 2321-3469 , <http://www.ijcea.com/overview-predictive-modelling-using-r-python/>

Seminar/Workshop attended

Participation in Seminar/Webinar/FDP/Workshop/Symposia/Refresher/Orientation

1. One Day International Workshop On DATA SCIENCE AND MACHINE LEARNING organized by Department of Computer Science, Hajee Karutha Rowther Howdia College, Uthamapalayam on 25th August 2022
2. Refresher Course on “Next Generation Technologies“ organized by Teaching Learning Centre, Ramanujam College, University of Delhi, under the aegis of Ministry of Education, PMMMNMT in collaboration with Open Technology Forum(OTF) and Association For Promotion Of Free And Open-Source Technologies (AFROST) from 29th June to 13 July 2021
3. Refresher Course on “Advanced Research Methodology 2.0 “organized by Teaching Learning Centre, Ramanujam College, University of Delhi, under the aegis of Ministry of Education, PMMMNMT from 17th June to 01 July 2021
4. International E-Conference on Recent Development in Science, Engineering and Information Technology, ICRDSEIT – 2020, organized by Department of Computer Science, DDE, MKU, Madurai during 23rd to 25th September, 2020

5. One Week Faculty Development Programme in Online Mode on “Emerging Research Trends in Computer Science and IT” during 11th – 15th May, 2020, organized by BVICAM, New Delhi in collaboration with IEEE, CSI, ISTE Delhi Section
6. Webinar on “Future- Vision: Marriage of AI and Blockchain” organized by Department of Computer Science and Engineering RIT, Rajaramnagar , MS from 14th – 17th May 2020 in collaboration with IEEE Mumbai Section
7. Online Workshop on “Basics of Machine Learning” organized by CREATES, IISER Bhopal with support from NPTEL, IIT Madras on April 27th,2020
8. Two Day FDP on “Virtual Learning” conducted by CIT-TLC on April20 &21, 2020 through online mode by “Teaching Learning Centre – under PMMMNMTT , Department of Higher Education, MHRD, GoI)
9. International Yoga Day conducted by Department of Physical Education , Sourashtra College, Madurai, on 21-06-2020.
10. International Yoga Day conducted by Department of Physical Education , Sourashtra College for Women, Madurai, on 21-06-2020
11. UGC Sponsored State Level Seminar on “Ethical Hacking” organized by The Madura College, Madurai on 27.2.2019.
12. One day National Workshop on Big Data Analytics – R Tool at Madurai Kamaraj University, Department of Information Technology, Madurai on 19/01/2018
13. One Week Short Term Training Programme(STTP) on “Social Network Analysis using Big Data in Cloud” organized by Department of Computer Science and Engineering, Mepco Schlenk Engineering College, Sivakasi from 21.05.2018 to 25.05.2018
14. Practical Demonstration of Training and Process on IIT Spoken Tutorial, under PMMMMN on Teachers and Learning, MHRD, GoI at Mannar Thirumalai Naicker college on Feb 8, 2017
15. UGC Sponsored International Workshop on Responsive Web Design and JSP at Hajee Karutha Rowther Howdia College, Theni from 05/09/2017 to 06/09/2017
16. Government of Tamilnadu, Food and consumer Protection Department in Association with FEDCOT, State level seminar on Ecommerce, NMSSVN College, Madurai on 23/03/2017
17. UGC Sponsored State Level Seminar on “Computing Techniques” conducted by Department of Computer Science and Mathematics , Madura College
18. UGC Sponsored International Workshop on Mobile Computing at Hajee Karutha Rowther Howdia College, Theni from 01/08/2016 to 02/08/2016

19. National Seminar on Recent Trends in Computer Applications at Sourashtra College, Madurai on 10/03/2016
20. UGC Sponsored state level seminar on “Cloud Computing” at The Madura College, Madurai on 11/02/2015
21. UGC Sponsored state level seminar on “Applied Data Mining” at Sri Meenakshi Govt. Arts College for Women, Madurai on 20/01/2015
22. UGC Sponsored National Level Workshop on “Research Tools and Techniques in Computer Applications” conducted by Sri Meenakshi Government College For Women, Madurai on 14-02-2013
23. Eight Days Certification Programme on “Certificate in .NET Programming” conducted by ICT Academy of TamilNadu held at Thiagaraja School of Management from 19th to 26th April 2012.

Certification Done

1. Certification on “Python 3.4.3” offered by **Spoken Tutorial Project, IIT Bombay**, funded by NMEICT (National Mission on Education through ICT), MHRD, Government of India.
2. Certification on “DATA MINING”, conducted by **NPTEL**, under MHRD, GoI during Feb-Apr 2019

Orientation and Refresher Programme

1. Refresher Course on “Next Generation Technologies“ organized by Teaching Learning Centre, Ramanujam College, University of Delhi, under the aegis of Ministry of Education, PMMMNMT in collaboration with Open Technology Forum(OTF) and Association For Promotion Of Free And Open-Source Technologies (AFROST) from 29th June to 13 July 2021
2. Refresher Course on “Advanced Research Methodology 2.0 “organized by Teaching Learning Centre, Ramanujam College, University of Delhi, under the aegis of Ministry of Education, PMMMNMT from 17th June to 01 July 2021
3. UGC Sponsored Refresher Course in Computer Science, on “Network Security” conducted by UGC-HRDC, MKU, Madurai from 13-02-2020 to 26-02-2020
4. UGC Sponsored Refresher Course on “Ecology & Environmental Studies (Multi – Disciplinary) conducted by UGC- HRDC, MKU, Madurai from 02-11-2016 to 22-11-2016
5. UGC Sponsored Orientation Programme conducted by UGC – Academic Staff College, MKU, Madurai from 27-07-2011 to 23-08-2011
6. UGC Sponsored Refresher Course on “Emerging Trends in High Performance Computing” conducted by UGC – Academic Staff College, MKU, Madurai from 03-12-2009 to 23-08-2009

Subject Expert for BOS in

1. EMG Yadava Women's College, Madurai in 2015
2. University Niminee for BCA in VVV College 2025-28

Seminar Organized

1. Organised a seminar on "IBM CLOUD -VIRTUAL LAB" on 28.07.2023
2. Convenor - UGC Autonomous Grant Seminar on Cyber Security and Data Mining
CYBERDATA-2015 on 24-2-2015
3. Coordinator for UGC Sponsored National Level Seminar on Research Issues in Computer Science and Applications RICSA 2013 on 09/02/2013

Certificate Course Conducted

1. Organised a Placement Training programme on "Soft Skills" a 30 hours Value Added Course on "Reasoning Ability" from 24/07/2023
2. Organised a Placement Training programme on "Numerical Ability" a 30 hours Value Added Course from 17/07.2023
3. Convened a Value Added Course on "Introduction to Cyber Security"
4. Conducted a 10 Day ICT Certification Program on Introduction to MS-Office to SC/ST girls in odd semester during the academic year 2017-18
5. Conducted a 10 Day ICT Certification Program on Introduction to MS-Office to SC/ST girls in even semester during the academic year 2017-18

Additional Responsibilities in Sourashtra College

Positions held during 2025 – 26

1. **Placement Officer**
2. **ICC Chairman**

Positions held during 2024 – 25

1. **Placement Officer**
2. **ICC Chairman**

Positions held during 2023 – 24

1. **Placement Officer**
2. **ICC Chairman**

Positions held during 2022 – 23

1. **Placement Officer**
2. **Organised Placement Drives**
3. **Organised Placement Training Programs**
 - **Numerical ability**
 - **Reasoning Ability**
 - **TNPSC Coaching**
 - **Soft Skills by Alumni**

Positions held during 2021 – 22

1. **Placement Officer**

2. **Organised placement drives**
3. **Organized placement training**
4. **NPTEL Swayam - SPOC**

Positions held during 2020– 21

1. **NPTEL Swayam - SPOC**

Positions held during 2019– 20

1. **NPTEL Swayam - SPOC**

Positions held during 2018– 19

1. Member – IQAC Committee
2. Member – Sports Committee
3. **NPTEL Swayam - SPOC**
4. Member – Virutcham – Students Counselling Cell

Positions held during 2017-18

5. Convenor – Citizen Consumer Club
6. Member – IQAC Committee
7. Member – Sports Committee
8. Member – Virutcham – Students Counselling Cell

Positions held during 2016-17

1. Convenor – Citizen Consumer Club
2. Member – IQAC Committee
3. Member – Sports Committee
4. Member – Virutcham – Students Counselling Cell

Positions held during 2015-16

1. Member – IQAC Committee

Positions held during 2014-15

1. Member – Internal Test Committee

Positions held during 2013-14

1. Member – IQAC Committee

Other Activities

1. Sponsored for free mid day meals program
2. Sponsored tuition fees to poor meritorious students
3. Conducted Navarathri kolu program and pongal celebration program