

Name : Mr. V. Yuvaraj
Designation : Assistant Professor
Department : Computer Applications
Qualification : MCA, M.Phil., (Ph. D.)
Experience : Teaching - 8 Years 9 months
Area of Specialization : Data Mining, Big Data
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Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	RVS College of Arts and Science, Sullur	Pursuing
M.Phil.	Computer Science	K.S.G College of Arts and Science, Coimbatore	2018
MCA	Computer Applications	RVS College of Arts and Science, Sullur	2015
B.Sc.	Computer Science	Karpagam Academy of Higher Education, Coimbatore	2012

Additional Qualifications

Cert.	Area of Specialization	Institution / Agency Name	Year
Online Certification	Cybersecurity	Infosys Springboard	2023
Online Certification	Database and SQL	Infosys Springboard	2023
Online Certification	Master Big Data-Apache Spark/Hadoop/Sqoop/Hive/Flume/Mongo	Udemy	2023
Online Certification	AWS Certified Solutions Architect – Associate (Digital)	AWS Training and Certification	2020
Online Certification	AWS Cloud Practitioner Essentials	AWS Training and Certification	2020

Patent

Patent Title	Date of Filing	Publication Date	Publisher
Wireless Breast Cancer detection	28/04/2023	24/07/2023	Controller General Patents, Design and Trade Marks, Patent Office, India
Clarification of fetal health in womb using cardiogram data and machine learning approach.	20/05/2023	23/06/2023	Patent Application Publication, India
A Smart Solid waste management in smart cities.	19/05/2023	16/06/2023	Patent Application Publication, India
IOT based Emergency Handling Communication for Traffic Control in Smart Cities	16/04/2023	05/05/2023	Patent Application Publication, India

Books Published

Title	Authors	Publisher	ISBN
AI and Internet of Things	Dr.N.Shanmugapriya Ms.Rajasree Rajamohanana Mr.V.Yuvaraj	Coimbatore Institute of Information Technology (CiiT)	978-93-612614-0-4, December, 2023
Cyber Security in Engineering Technology and Management	V.Yuvaraj	AN Publications	978-81-965025-4-6 September, 2023
Software Engineering (Lab Manual)	Mr.S.Poorana Senthil kumar Mr.V.Yuvaraj	Dr.N.G.P. Arts and Science College, Coimbatore, Raasi Enterprises	978-88-19640-8-1, 2023

Data Structures and C++ (Lab Manual)	Dr.D.Deviaruna Mrs.K.Gomathy Dr.K.Kavitha Mr.V.Yuvaraj	Dr.N.G.P. Arts and Science College, Coimbatore, Raasi Enterprises	978-81-964344-8-9, 2023
Data Analytics Using Python	Dr. Sharmila Subudhi, Ms. K. Malarvizhi, Mr. V. Yuvaraj , Mr.Pushkarprabhat D. Saxena	Scientific International Publishing House, India	978-93-5757-221-7, April, 2023
Data Analytics (Lab Manual)	Mr.V.Yuvaraj Dr.K.Kavitha	Dr.N.G.P. Arts and Science College, Coimbatore, Raasi Enterprises	978-81-960903-5- 7, 2022

Consultancy

Nature of Consultancy	Client	Amount	Status
Social Media Marketing	V.Yuvaraj	₹ 10,000	Completed

Research Publications (Indexed)

International

- **Mr.V.Yuvaraj**, Dr.D.Maheswari, Lung cancer classification based on enhanced deep learning using gene expression data, Measurement: Sensors, Volume 30, December 2023, 100902,<https://doi.org/10.1016/j.measen.2023.100902>, Online ISSN: 2665-9174 (Scopus)
- Dr.D.Devi Aruna, **Mr.V.Yuvaraj**, Mr.P.DineshKumar, Performance Analysis of Border Gateway Protocol (BGP) In Multi-Autonomous System Network With OPNET Simulator: A Case Study, International Journal of Creative Research Thoughts (IJCRT), Volume 11, Issue 9, September 2023, Online ISSN: 2320-2882. (UGC Care List Journal).
- **V. Yuvaraj**, G. Pandiyan and G. Purusothaman, Gene Selection and Modified Long Short-Term Memory Network-Based Lung Cancer Classification Using Gene Expression Data, ICTACT -International Journal of Soft Computing, Volume 12, Issue 2, January 2022, Online ISSN: 0976-6561. (UGC Care List Journal).

- N. Sivakumar, V. Navamani, **V. Yuvaraj**, Implementation of Rail Fence & Position Analyze Technique for More Secure Data, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 6, Special Issue 1, January 2017, ISSN (Online) 2278-1021. (UGC Care List Journal).

Other Publications: International / National Journals

- **V.Yuvaraj**, Fidoop-Dp: Data Partitioning in Frequent Itemset Mining on Hadoop Clusters, International Journal of Computer Engineering and Applied Science, Volume 2, Issue 1, April 2018, ISSN (Online): 2395-2539.
- **V.Yuvaraj**, N. Sivakumar, A Semi- Non-Negative Matrix Factorization and Principal Component Analysis Unified Framework for Data Clustering, International Journal of Advanced Research in Science, Engineering and Technology, Vol. 5, Issue 1, January 2018, ISSN: 2350-0328
- N. Sivakumar, V. Navamani, **V. Yuvaraj**, Hierarchal Routing Algorithm on Wireless Sensor Network based on Traffic Records, International Journal of Advanced and Innovative Research Volume 5, Issue 11, November 2016, ISSN: 2278-7844.
- N. Sivakumar, **V. Yuvaraj**, S. Vasanth Kumar, Classification and Comparison of routing Protocols in Wireless Sensor Networks, International Journal of Advanced and Innovative Research Volume 5, Issue 10, October 2016, ISSN: 2278-7844.

Presentations in Conferences

- **Cluster Based Routing Algorithm for MANET-IoT-WSN-Systems**, International Conference on Computational Intelligence and Communication Technologies, Dr.N.G.P. Arts and Science College, Coimbatore, 04-Jan-24.
- **Performance Analysis of Border Gateway Protocol (Bgp) In Multi-Autonomous System Network with Opnet Simulator: A Case Study**, International Conference (Virtual) on Cyber Security in Engineering Technology and Management-ICCETM 2023 Insight Tech Research Foundation (Center for Research and Innovations) AN Publications, 23-Sep-2023.

- **Lung Cancer Classification Based on Enhanced Deep Learning using Gene Expression Data**, National Conference on Advanced Computing Sciences, Dr.N.G.P. Arts and Science College, Coimbatore, 16-Mar-23.
- **Gene Selection and Modified Long Short-Term Memory Network-Based Lung Cancer Classification Using Gene Expression Data**, International Conference on Contemporary Researches in Engineering, Science, Management & Arts, Centre for Research and Training (CRT), National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, 27 to 29 Jan- 2022.
- **Fidoop-Dp: Data Partitioning in Frequent Itemset Mining on Hadoop Clusters**, International Conference on Developing Advanced Research & Computer Technology, K.S.G College of Arts and Science, Coimbatore, 20-Sep-19.
- **A Semi- Non-Negative Matrix Factorization and Principal Component Analysis Unified Framework for Data Clustering**, International Conference on Developing Advanced Research & Computer Technology, K.S.G College of Arts and Science, Coimbatore, 28-Feb-18.
- **Implementation of Rail Fence & Position Analyze Technique for More Secure Data**, International Conference on Innovative Trends in Computer Science and Applications, Pioneer College of Arts and Science, Coimbatore, 06-Jan-17.

Participation in Conference

International

- **International Conference on Science and Engineering (ICSE 2023)**, IEI, Hosur Local Centre, Krishnagiri, Tamil Nadu, & REST Labs, Kaveripattinam, 27-Feb-23 to 28-Feb-23.
- **Recent Trends in Commerce, Management & Information Technology**, J.H.A. Agrasen College, Chennai, 19-Mar-21.

Participation in Seminars & Webinars

- **Useful Chrome Extensions for Teachers**, Google Educators Group, 05-Aug-2023.
- **Harness the power of AI and Potential of Paper Mode on Quizizz**, Quizizz and Google Educators Group, 29-Jul-2023.

- **Inauguration Session of CSTA (Computer Science Teachers Association) India, 28-Jul-2023.**
- **National Seminar on AI Solutions for Farmer Safety and Security in India, Dr. N.G.P. Arts and Science College, Coimbatore, 21-Jul-2023.**
- **A Two Day NAAC Collaborated National Virtual Seminar on Holistic and Multidisciplinary Approach Towards National Higher Education Quality Framework, Cauvery College for Women, Trichy, 05 & 06-Jul-2023.**
- **5 days FDP-International Webinar Series on Research Tools and Methodologies, 07 to 13-June-2023.**
- **National webinar on Scientific Document Preparation using LaTeX organized by Department of Computer Science and Engineering from 13- May-2023.**
- **National Level webinar on Revised NAAC Criteria, St. Teresa's Degree College for Women, Bengaluru, 22 to 28-Feb-2023.**
- **பொது நூலகங்களின் தேற்றமும், வளர்ச்சியும் , Tamil Nādu Librarians.com, 05-Jan-21.**
- **Hybrid Model Teaching with Android Enabled Smart Boards the Next Generation Teaching- Learning Experience, Rathnavel Subramaniam College of Arts and Science, Sullur, 23-Oct-21.**
- **Series of Webinar Learning, Hindusthan College of Arts and Science, Coimbatore, 09 to 11-Aug-21.**
- **Digital Marketing, Sri Adi Chunchanagiri Women's College, Cumbum, 09-Apr-21.**
- **Advancements in Big Data and Artificial Intelligence Research, Bharathiar University, Coimbatore, 22 to 23-Mar-21.**
- **Advancement in Network Security, Angappa College of Arts and Science, Coimbatore, 23-Feb-21.**
- **Research Articles Writing and Publishing journals in Scopus and SCI, Sri Krishna Adithya College of Arts and Science, Coimbatore, 16-Feb-21.**
- **Machine Learning Algorithms for Health Care, Nandha College of Arts and Science, Erode, 09-Feb-21.**

- **Artificial Intelligence and Neural Networks Accelerator; Today and Tomorrow**, AJK College of Arts and Science, Coimbatore, 06-Feb-21.
- **Campus to Corporate**, Sree Narayana Guru College, Coimbatore, 04-Jan-21.
- **Research and Innovations-Tips on Finding Reputed Journals to Publish Quality Research**, Rathnavel Subramaniam College of Arts and Science, Sulur, 18-Dec-20.
- **Internet of Things & its Applications**, Nandha College of Arts and Science, Erode, 18-Feb-20.
- **Research and Innovations-Best Practices for Effective Research**, Rathnavel Subramaniam College of Arts and Science, Sulur, 17-Dec-20.
- **Penning Empirical Researches in Education: Challenges and Opportunities in Pandemic and Post-Pandemic Era**, Sree Narayana Guru College, Coimbatore, 02-Dec-20.
- **Intellectual Property Rights in India**, Sree Narayana Guru College, Coimbatore, 02-Nov-20.
- **E - Learning through Swayam**, Sree Narayana Guru College, Coimbatore, 28-Oct-20.
- **Data Science**, St. Joseph's Institute of Technology, Chennai, 28-Oct-20.
- **Reskill Upskill and Design Thinking**, Sree Narayana Guru College, Coimbatore, 19-Oct-20.
- **Virtual Industrial Training Program on Full Stack Development**, Sree Narayana Guru College, Coimbatore, 17-Oct-20.
- **Node JS**, Sree Narayana Guru College, Coimbatore, 03-Oct-20.
- **Python for Data Science**, Sree Narayana Guru College, Coimbatore, 12-Sep-20.
- **Knowledge Engineering in Artificial Intelligence**, St. Antony's College of Arts and Sciences for Women, Thamarapadi, 07-Sep-20.
- **Software Project Essentials**, Sri Eshwar College of Engineering, Coimbatore, 17-Aug-20.
- **Enhancing Customer Experience using AI**, Sri Eshwar College of Engineering, Coimbatore, 13-Aug-20.

- **In-Built Quality - The Differentiator**, Sri Eshwar College of Engineering, Coimbatore, 11-Aug-20.
- **Changing the ME residing in ME Live Safe, Managing Stress, Anger, Fear & Expectation**, Sri Eshwar College of Engineering, Coimbatore, 10-Aug-20.
- **Deep Learning**, Sri Venkateswara College of Engineering, Pennalur, 08-Aug-20.
- **Thinking Smarter Critical & Creative Thinking**, Sri Eshwar College of Engineering, Coimbatore, 08-Aug-20.
- **ICT Enabled Pedagogy**, Government College of Education, Pudukkottai, 06-Aug-20.
- **IT Network Infrastructure - An Overview**, Sri Eshwar College of Engineering, Coimbatore, 05-Aug-20.
- **Vidya (Science of Happiness)**, Sri Eshwar College of Engineering, Coimbatore, 01-Aug-20.
- **OBE - Competency profile mapping with courses and COs**, Sri Eshwar College of Engineering, Coimbatore, 30-Jul-20.
- **Digital Transformation**, Sri Eshwar College of Engineering, Coimbatore, 29-Jul-20.
- **How Technology Can Help in NAAC Accreditation Process**, Sri Eshwar College of Engineering, Coimbatore, 28-Jul-20.
- **Engineering Optimization - Methods and Applications**, Sri Eshwar College of Engineering, Coimbatore, 27-Jul-20.
- **Future of Data Transmission - LiFi**, Sri Eshwar College of Engineering, Coimbatore, 25-Jul-20.
- **How to Conduct Online Teaching-Learning in Covid Times?**, Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD, 22-Jul-20.
- **Recent Trends in Rehabilitation Robots**, Sri Eshwar College of Engineering, Coimbatore, 22-Jul-20.

- **Innovation in Education**, Sri Eshwar College of Engineering, Coimbatore, 21-Jul-20.
- **Intellectual Property Rights and Patent filling Process**, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore, 20-Jul-20.
- **What's the Big Deal about Big Data**, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore,18-Jul-20.
- **Role of Online Resources in Teaching and Learning with reference to National Digital Library of India**, Angappa College of Arts and Science, Coimbatore, 17-Jul-20.
- **An Insight into Mobility**, Sri Eshwar College of Engineering, Coimbatore, 17-Jul-20.
- **Block Chain Foundations 101**, Karpaga Vinayaga College of Engineering and Technology, 16 to 18-Jul-20.
- **Energy and Environment**, Sri Eshwar College of Engineering, Coimbatore, 16-Jul-20.
- **Automotive Infotainment System**, Sri Eshwar College of Engineering, Coimbatore, 15-Jul-20.
- **Linear Regression Model in Machine Learning**, Sri Eshwar College of Engineering, Coimbatore, 14-Jul-20.
- **Conceptual View of Machine Learning and Deep learning**, Madurai Kamaraj University, Madurai, 13 to 14-Jul-20.
- **E-Mobility: Electrification of Powertrains**, Sri Eshwar College of Engineering, Coimbatore, 11-Jul-20.
- **An insight into Artificial Intelligence and it's evolution**, Sri Jayendra Saraswathi Maha Vidyalaya College of Arts and Science, Coimbatore, 10-Jul-20.
- **Product Lifecycle Management**, Sri Eshwar College of Engineering, Coimbatore, 10-Jul-20.
- **Engineer your thoughts for IT Industry**, Sri Eshwar College of Engineering, Coimbatore, 09-Jul-20.

- **Quit Your Comfort Zone and Hit your Target**, Sri Eshwar College of Engineering, Coimbatore, 08-Jul-20.
- **Automotive Seating System & its Validation**, Sri Eshwar College of Engineering, Coimbatore, 07-Jul-20.
- **Rudiments of Outcome based Education**, Kamaraj College, Tirunelveli, 06-Jul-20.
- **How to handle Placements?**, Sri Eshwar College of Engineering, Coimbatore, 06-Jul-20.
- **Full Stack Programming and Career Opportunities**, Sree Narayana Guru College in Association with NIIT, Coimbatore, 05-Jul-20.
- **Feedback for Industry 4.0 Roadmap and Challenges**, Angappa College of Arts and Science, Coimbatore, 03-Jul-20.
- **CAE for Product Design - An Insight**, Sri Eshwar College of Engineering, Coimbatore, 03-Jul-20.
- **Cloud Security**, St. Joseph's Institute of Technology, Chennai, 02-Jul-20.
- **Where will you fit into a real time project**, Sri Eshwar College of Engineering, Coimbatore, 02-Jul-20.
- **Quality, Reliability and Safety**, Sri Eshwar College of Engineering, Coimbatore, 01-Jul-20.
- **How to Crack UGC NET/JRF in Computer Science - Tips and Preparation Strategies**, Sree Narayana Guru College, Coimbatore, 30-Jun-20.
- **Skillset for Enhancing Employability**, Sri Eshwar College of Engineering, Coimbatore, 30-Jun-20.
- **Machine Learning**, Angappa College of Arts and Science, Coimbatore, 29-Jun-20 to 30-Jun-20.
- **Research Planning and Implementation**, Sri Eshwar College of Engineering, Coimbatore, 29-Jun-20.
- **Google Cloud Platform**, Gnanamani College of Technology, 28-Jun-20.
- **Artificial Intelligence and the Era of Autonomous Shipping**, St. Joseph's Institute of Technology, Chennai, 27-Jun-20.

- **Building Research Capacity in Institution**, Sri Eshwar College of Engineering, Coimbatore, 26-Jun-20.
- **Research paper to patent filing – A road map**, VELS Institute of Science, Technology and Advanced Studies, 25-Jun-20.
- **Impact of Covid-19 on Information Technology**, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore, 24-Jun-20.
- **You Can Become an Entrepreneur**, Sri Eshwar College of Engineering, Coimbatore, 23-Jun-20.
- **Tools and Techniques in Web Pen testing and Bug Bounty**, Nandha College of Arts and Science, Erode, 22-Jun-20.
- **Yoga-the Exilir of the life**, Kongu Arts and Science College, Erode, 21-Jun-20.
- **Online Examination Tools**, Bishop Herber College, 20-Jun-20.
- **Data Science and its components using Python and R programming**, Janson's Institute of Technology, Coimbatore, 17-Jun-20.
- **Cyber Warfare and Safe Mobile Usage**, Angappa College of Arts and Science, Coimbatore, 16-Jun-20.
- **Plagiarism and Pitfalls**, Matterhere, 14-Jun-20.
- **Introduction to Data Science Using Python**, Angappa College of Arts and Science, Coimbatore, 10-Jun-20.
- **Green Synthesized Bionanomaterials towards Cancer Therapy**, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore, 09-Jun-20.
- **Data Visualization using Tableau**, Karpaga Vinayaga College of Engineering and Technology, 07-Jun-20.
- **Applied Artificial Intelligence-An Industrial Approach**, Tamil Nadu College of Engineering, Coimbatore, 03-Jun-20.
- **Trends in Virtual and Augmented Reality**, Karpagam College of Engineering, Coimbatore, 01-Jun-20.
- **The Role of teachers in Pandemic Period**, Kasturi College of Education, Coimbatore, 29-May-20.

- **Recent Trends in Computer Science Research**, Sri Vasavi College, Erode, 26-May-20.
- **Time to Change Your Database & Programming Methodologies**, Mass College of Arts and Science, Kumbakonam, 23 to 24-May-20.
- **Artificial Intelligence & Machine Learning using Python**, Sengunthar College of Engineering, Tiruchengode, 22-May-20.
- **Computing Paradigms**, DON BASCO College, Yelagiri Hills, 21to 22-May-20.
- **Internet of Things**, Kovai Kalaimagal College of Arts and Science, 20-May-20.
- **Entrepreneurial Challenges & Opportunities**, Rathinam College of Arts and Science, Coimbatore, 20-May-20.
- **Money Moves in Fluctuating Times**, SRM Institute of Science and Technology, Ramapuram, Chennai, 19-May-20.
- **Ham Radio, Disaster Management & Robotics**, SNMV College of Arts and Science, Coimbatore, 16-May-20.
- **Basics of Data Analytics**, Kovai Kalaimagal College of Arts and Science, Coimbatore, 16-May-20.
- **Personal effectiveness Need of the hour**, Sakthi Institute of Information and Management Studies, Pollachi, 14-May-20.
- **Sentiment Analysis-Concepts and Applications**, Nehru Arts and Science College, Coimbatore, 14-May-20.
- **Higher Education Scenario, Post Covid, Boons and Banes**, Association of Self-Arts, Science & Management Colleges of Tamil Nādu, Coimbatore, 16-May-20.
- **Current Scenario of E-Commerce Business**, Rathinam College of Arts and Science, Coimbatore, 13-May-20.
- **Teaching Learning Tools for the Digital Era**, Sri Ramakrishna College of Arts and Science for Women, Coimbatore, 11 to 16-May-20.
- **Covid-19 & Aftermath in World Economy**, PSG College of Arts and Science, Coimbatore, 06 to 08-May-20.
- **Bacterial Virulence: Perceptive and Pragmatic approach**, Indian Academy Degree College, Bangalore, 05-May-20.

- **How to Use Turnitin Software for your Research**, Swift Coimbatore, 04-May-20.
- **Build Apps Swiftly with Swift UI**, Swift Coimbatore, 28-Apr-20.
- **Introduction to React with Hooks**, Developer Circles, Coimbatore, 27-Apr-20.
- **Hack the Hackathon**, GDG, Coimbatore, 26-Apr-20.
- **Learn Serverless - Google Cloud Functions**, GDG Cloud, Coimbatore, 26-Apr-20.
- **The Art of Clean Code**, GDG Cloud, Coimbatore, 25-Apr-20.
- **Getting Started in UI UX**, Microsoft Student Partner, Coimbatore, 25-Apr-20.
- **Introduction to Student Clubs**, DSC SKCT, 24-Apr-20.
- **Communities Build Us**, GDG, Coimbatore, 23-Apr-20.
- **Decision Trees and Random Forest**, School of AI, Coimbatore, 22-Apr-20.
- **Demystify Computer Vision with TensorFlow**, Tensor Flow User Group, Coimbatore, 21-Apr-20.
- **Go Crazy with Flutter**, GDG, Coimbatore, 20-Apr-20.
- **Effective research writing skills**, Dr. Bhavesh Vanparia Bhagwan Mahavir University, Gujarat, 13 to 16-Apr-20.

Participation in Workshop

- **Virtual Lab: A Learner Perspective programme**, VLB Janakiammal College of Arts and Science, Coimbatore, 16-Feb-24.
- **NPTEL E-Awareness workshop**, IIT Madras, July 24, 2023
- **Nine Days National Level Workshop on Devops**, SRM Institute of Science and Technology, Ramapuram, 16 to 24-Jun-2023.
- **NeW IPR 2023 e-Workshop organized by Innovative Technology Enabling Centre (InTEC)**, CSIR-IMMT, Bhubaneswar, 12 to 17-Jun-2023.
- Professional Development Workshop on **Digital Creativity Skills** as a Part of Adobe Academic Essentials Program, Adobe and AICTE, 29-May-2023.
- **One Day Workshop on Outcome Based Education (OBE)**, Dr. N.G.P Arts and Science College, Coimbatore in association with ipsr solutions limited, 04-Mar-23.

- National Online Workshop entitled **Intellectual Property Rights (Basic & Advance)**, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education, 11 to 12-Jan-23.
- **Big Data Analytics in Clinical Research**, Dr.N.G.P. Arts and Science College, Coimbatore, 18 & 19-Mar-21.
- **Building Modern Web Applications Using jQuery and Bootstrap**, Dwaraka Doss Govardhan Doss Vaishnav College, 13-Mar-21.
- **Data Science through Jamovi and Orange**, CompuCom Institute of Information Technology & Management, Jaipur, 12 to 13-Mar-21.
- **AMPLE Live Learn Implementer Workshop Level 1**, Amrita Vishwa Vidyapeetham, AICTE Expert Pane list, Coimbatore, 27-Jan-21.
- **Code Innovation Series**, GitHub, 23-Jan-21.
- **Positive Thought and the Ideal Life**, Mannar Thirumalai Naicker College, Madurai, 29-May-20.

Participation in Orientation Programme / Short Term Courses

- Online Training on **IP Awareness/Training** program under National Intellectual Property Rights mission, Intellectual Property office, India, 28-Nov-2023.
- Online Training on **Internet of Things (IoT) and Mobile Security**, CIET-NCERT in association with Ministry of Education, 04 to 08-Sep-2023.
- Online Short-Term Training Program on **Emerging Trends in Artificial Intelligence and Machine Learning**, Rajarshi Shahu College of Engineering, Thathwade, 08 to 12-Aug-2023.
- Online Training on **EBSCO Full Text Finder**, EBSCO Information Services Customer Engagement Services, 31-Mar-2023.
- **MATLAB**, Bharathiar University, Coimbatore, 10 to 17-Mar-21.
- **Block Chain Foundations 101**, Karpaga Vinayaga College of Engineering and Technology, Madhuranthagam, 16 to 18-Jul-2020

- **Change Makers of Environment 2020**, Rathinam College of Arts and Science, Coimbatore, 12 to 16-Jun-20.
- **Disruptive Digital Technologies 2020**, Sakthi Institute of Information and Management Studies, Pollachi, 03-Jun-20.
- **National Service Scheme (NSS), Empanelled Training Institution - National Service Scheme (Under the auspices of the Ministry of Youth Affairs and Sports, Government of India)**, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, 01 to 07-Feb-18.
- **Solid Waste Management** Training Program, ITC WOW Club and NSS Bharathiar University, Coimbatore, 10-Aug-17.

Participation in Faculty Development Programme

- 7 Days National Level FDP on Python, Star International Foundation for Research and Education, 19 to 25-Mar-24.
- **Emerging Trends in Data Analytics**, Saveetha College of Liberal Arts and Sciences, Chennai, 22 to 26-Jan-24.
- **Remote Sensing & GIS**, The Northcap University, Gurugram under DST-SERB, 15 to 19-Jan-2024.
- **Frontier Applications of Discriminative and Generative AI in Healthcare, IoT, and Data Engineering**, IEM Centre of Excellence on Data Science, Department of CSE(AIML) & Department of CSBS, IEM Saltlake in association with HRDC, IEM-UEM Group, 6 to 10-Jan-24.
- **The Future of Generative AI in Academic Research and Publishing**, Institute of Engineering & Management, Kolkata, 2 to 6-Jan-24.
- **Cyber Intelligence and Awareness on Social Media Security V2.0**, Institute of Engineering & Management, Kolkata, 27- Nov-2023 to 1-Dec-2023.
- **Influence of AI in Teaching and Research**, Hindhustan College of Arts and Science, 04 to 09-Sep-2023.
- **Recent Trends on Research Methodologies, Tools and Techniques**, KG College of Arts and Science, Coimbatore, 10 to 15-Jul-2023.

- **Upskill your Resources (Under UGC Autonomy Grant)**, Ayya Nadar Janaki Ammal College, Sivakasi, 07 to 13-Jul-2023.
- **Research Trends and Research issues in IT**, E.S. Arts and Science College, Villupuram, 29-May-2023 to 02-Jun-2023.
- **Outcome Based Education**, Dr. N.G.P Arts and Science College, Coimbatore in association with ipsr solutions limited, 04 March 2023.
- **Emerging Trends and Technologies in Cyber Security**, Madanapalle Institute of Technology and Science, 14 to 18-Nov-2022.
- **Amazon Web Services (AWS)**, GITAM (Deemed to be University), Hyderabad in collaboration with BrainOVision Solutions India Pvt.Ltd & All India Council for Technical Education (AICTE), 22 to 27-Aug-2022.
- **Bibliometrics of Research Articles**, Rathnavel Subramaniam College of Arts and Science, Sullur, 12-Jan-22.
- **Lifelong Learning: Necessity and Opportunity**, Rathnavel Subramaniam College of Arts and Science, Sullur, 16-Jul-21.
- **e-Teacher**, Bharathiar University and Cognizant, Coimbatore, 19-Jun-21.
- **Opportunity and Challenges: Online teaching with Google Tools**, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore, 04-Jun-21.
- **Digital Devices: Safety & Security**, Cognizance Academia, Coimbatore, 23-May-21.
- **Emerging Research Trends in Computer Science & Applications**, K.G. College of Arts and Science, Coimbatore, 22 to 26-Mar-21.
- **Cyber Security & Block Chain Technology**, Rathnavel Subramaniam College of Arts and Science, Sullur, 13-Mar-21.
- **Pedagogical Innovations and Experimentation in Enhancing Learning Effectiveness for Gen Alpha**, Hindusthan College of Arts and Science, Coimbatore, 04 to 07-Feb-21.
- **An Application of SPSS in Social Science Research**, Rathnavel Subramaniam College of Arts and Science, Sullur, 21-Jan-21.

- **Application of Tools & Techniques in Research Methodology & Accelerate to Publish Article in Scopus and Web of Science**, Hindusthan College of Arts and Science, Coimbatore, 19 to 24-Dec-20.
- **Teaching Learning Practices in 2020**, Hindusthan College of Arts and Science, Coimbatore, 16 to 21-Nov-20
- **Teaching Learning Practices in 2020**, Hindusthan College of Arts and Science, Coimbatore, 16 to 21-Nov-20.
- **Industry 4.0 Technologies for Non-Computing Disciplines**, Bharathiar University, Coimbatore, 27 to 31-Jul-20.
- **Outcome Based Education**, Rai University, Ahmedabad, 22 to 24-Jul-20.
- **Hands-on Workshop on Android App Development**, Panimalar Institute of Technology, Chennai 02 to 04-Jul-20.
- **Emerging Trends in Information Technology**, Karpagam College of Engineering, Coimbatore, 23 to 27-Jun-20.
- **Building Right Attitude in Students towards Growth**, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore, 10-Jun-20.
- **Cyber Security**, JNTUK University College of Engineering, Vizianagaram, 11 to 16-Jun-20.
- **Institutional Benchmarking of Best Practices**, Shree Mallikarjun & Shri. Chetan Manju Desai College, Canacona, 08 to 14-Jun-20.
- **Enhanced Development with Azure Cloud**, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore, 30-May-20.
- **Machine Learning**, Rathinam College of Arts and Science, Coimbatore, 26-May-20.
- **Data Science-Research Opportunities**, Sri Ramakrishna College of Arts and Science, Coimbatore, 21-May-20.
- **IoT & AI**, Sri Ramakrishna College of Arts and Science, Coimbatore, 13-May-20.
- **Open-Source Content Management**, SNMV College of Arts and Science, Coimbatore, 11 to 15-May-20.

- **Recent Insights on Cyber Security**, Cauvery College for Women, Thiruchirapalli, 07-May-20.
- **Machine Learning**, Santhiram Engineering College, Nandyal & Indian Servers, Hyderabad, 02-May-20.
- **LaTeX**, Loyala College of Arts & Science, Mettala, 30-Apr-20.
- **Art of Writing Research Article in Hi-Indexed Journals**, Nehru Arts and Science College, Coimbatore, 29 to 30-Apr-20.
- **LaTeX**, Chevalier T. Thomas Elizabeth College for Women, 27-Apr-2020 to 01-May-2020.
- **R Programming** Indo Global Group of Colleges, New Chandigarh in association with IIT Bombay Spoken Tutorial, 27-Apr-20 to 1-May-20.
- **Recent Trends in Artificial Intelligence and Impact on Teaching Professionals**, Rathnavel Subramaniam College of Arts and Science, Sulur, 22 to 24-Apr-20.
- **R Programming**, Spoken Tutorial IIT, Bombay with Sri Krishna Arts and Science College, Coimbatore, 19 to 24-Apr-20.

Editorial/Review Member

- Reviewer, International Peer Reviewed Research Journal & Book Publication, 2024, AN International Research Journal, Jaipur, India.

Membership in Professional Bodies

Name of the Professional Body	Duration
International Association of Engineers (IAENG).	Life Time
IAENG Societies of Bioinformatics, Artificial Intelligence, Computer Sciences	Life Time
Computer Science Teachers Association (CSTA) & CSTA India Chapter	Annual
Internet Society	Annual
Google Educators Group	Life Time
All India Educators Forum	Life Time
Global Professors Welfare Association Forums	Life Time

Awards / Honors

Awards / Honors	Agency / Institute	Year
Faculty Excellence Award	RVS College of Arts and Science, Sulur	2019
Faculty Excellence Citation Award	RVS College of Arts and Science, Sulur	2018