

BIODATA

NAME & QUALIFICATION : Ms.T.KAVITHA ,M.C.A., M.Phil., B.Ed., UGC NET.,

DESIGNATION : ASSISTANT PROFESSOR

DEPARTMENT NAME : COMPUTER APPLICATIONS

OFFICIAL ID : kavitha@sigc.edu



Area of Specialization: Artificial Neural Networks

Total Teaching Experience : 13 years

PARTICIPATION IN WORKSHOP / CONFERENCES / SEMINARS / FDPs / WEBINARS:

1. State Level Seminar on "**COMPUTER ORIENTED MATHEMATICAL TECHNIQUES 2007 (SLSCOMT-2007)**" at Shrimati Indira Gandhi College, Tiruchirappalli-2 during 10th & 11th August 2007.
2. Participated in the National Conference on "**BIOINFORMATIC TOOLS FOR GENE AND PROTEIN ANALYSIS**" at Shrimati Indira Gandhi College, Tiruchirappalli-2 during 7th & 8th September 2007.
3. Participated in the Regional Conference on "**INFORMATION COMMUNICATION TECHNOLOGY - TRENDS**" organized by Shrimati Indira Gandhi College, Trichy on 21th November 2009.
4. Participated in the National level Seminar on "**HIGH PERFORMANCE COMPUTING**" organized by Shrimati Indira Gandhi College, Trichy on 23rd February 2012.
5. Participated in the National Conference on "**SOFTWARE AND COMPUTING TECHNOLOGIES**" jointly organized by BUTP, SIGC, Trichy and Computer Society of India, Trichy Chapter, CSI-WOMEN Students Branch of SIGC on 19th September 2012.
6. Participated in the National Seminar on "**CLOUD COMPUTING**" jointly organized by BUTP, SIGC, Trichy and Computer Society of India, Trichy Chapter on 26th & 27th September 2012.
7. Attended a National Symposium on "**CLOUD COMPUTING**" organized by Bharathidasan University in association with Shrimati Indira Gandhi College and CSI Trichy chapter on 27th September 2012.
8. Participated in the National Conference on "**RECENT TRENDS IN ENGINEERING AND TECHNOLOGY**" organized by Sri Raja Rajan College of Engineering and Technology", Karaikudi on 4th February 2013.
9. Participated in the National Level Workshop on "**RECENT TRENDS IN HUMAN COMPUTER INTERACTION**" organized by Computer Society of India, Trichy Chapter in association with CSI student Branch of MAM College, CSI student Branch of JMC , CSI student Branch of SIGC and Dept. of CS\IT\MCA of Saranathan college of Engineering", Tiruchirappalli on 28th February 2015.
10. Attended a Faculty Development Programme on "**INTERNET OF THINGS**" (IoT)organized by ICT Academy Of Tamilnadu in K.Ramakrishna College of Engineering , Trichy from 21st and 22nd December 2017.

11. Attended a Faculty Development Programme on "**THE FUTURE IS HERE NOW**" organized by ICT Academy - Season 3 Skycampus from 27th April to 1st May 2020.
12. Attended a Faculty Development Programme on "**THE FUTURE OF EDUCATION, EMPLOYMENT & ENTREPRENEURSHIP**" organized by ICT Academy - Season 4 Skycampus from 4th May to 8th May 2020.
13. Attended a Faculty Development Programme on "**THE FUTURE OF SKILLS - EDUCATION, EMPLOYMENT & ENTREPRENEURSHIP**" organized by ICT Academy - Season 5 Skycampus from 11th May to 15th May 2020.
14. Attended a Faculty Development Programme on "**FUTURE TECH 2020**" organized by ICT Academy - Season 6 Skycampus from 18th May to 22nd May 2020.
15. Attended a Faculty Development Programme on "**MACHINE LEARNING**" organized by Auxilium College (Autonomous), Vellore from 01.06.2020 to 07.06.2020.
16. Attended a Faculty Development Programme on "**IMPROVING THE SKILL SET & CHANGING THE ATTITUDE**" organized by ICT Academy - Skycampus online Supersession on 5th June 2020.
17. Attended a Webinar on "**DEVELOPING JSF WEB APPLICATIONS WITH HIBERNATE-A HANDS ON APPROACH**" conducted by Bishop Heber College Trichy on 6th June 2020.
18. Attended a Workshop on "**CYBER SECURITY**" organized by Sri Venkateswara College Of Engineering & Technology (AUTONOMOUS) in association with INDIAN SERVERS from 08.06.2020 to 09.06.2020.
19. Attended a Faculty Development Programme on "**PYTHON 3.4.3**" organized by Dharmamurthi Rao Bhagadur Calavala Cunnan Chetty's Hindu College in collaboration with SPOKEN TUTORIAL-IIT BOMBAY, MHRD, GOVERNMENT OF INDIA from 10.06.2020 to 15.06.2020.
20. Attended a International Workshop on "**REAL TIME COGNITIVE SERVICES USING AZURE CLOUD**" organized by Parvathy's Arts & Science College, Dindigul from 10.06.2020 to 12.06.2020.
21. Attended a Webinar on "**ONLINE CONTENT CREATION TOOLS**" conducted by Bishop Heber College, Trichy on 11th June 2020.
22. Attended a Webinar on "**ENCOURAGING LEARNERS ENGAGING IN REMOTE LEARNING**" Conducted by Parvathy's Arts & Science College, Dindigul on 13th June 2020.
23. Attended a Faculty Development Programme on "**FUTURE OF EDUCATION**" organized by ICT Academy - Skycampus online Supersession on 18th June 2020.

24. Attended a Webinar on "**ONLINE EXAMINATION TOOLS**" conducted by Bishop Heber College, Trichy on 20.06.2020.
25. Attended a Webinar on "**INTRODUCTION TO ELEARNING CONTENT CREATION**" conducted by IEEE COMPUTER SOCIETY, MADRAS on 22.06.2020.
26. Attended a Webinar on "**HOW TO START A CAREER IN CYBER SECURITY AND AWARENESS ON CYBER CRIMES**" conducted by IEEE STUDENT BRANCH, NAWAB SHAH ALAM KHAN COLLEGE OF ENGINEERING AND TECHNOLOGY on 25.06.2020.
27. Attended a Faculty Development Programme on "**INSIGHTFUL FRIDAYS OF SKYCAMPUS DIGITAL KNOWLEDGE WEBINAR SERIES**" organized by ICT Academy - Skycampus online Supersession on 26th June 2020.
28. Attended a Webinar on "**DATA SCIENCE APPLICATIONS AND OPPORTUNITIES**" conducted by IEEE STUDENT BRANCH, NAWAB SHAH ALAM KHAN COLLEGE OF ENGINEERING AND TECHNOLOGY on 27.06.2020.
29. Attended a Webinar on "**ROLE OF VIRTUAL AND AUGMENT REALITY IN EDUCATION**" conducted by Government Arts College For Women (Autonomous), Pudukkottai on 29.06.2020.
30. Attended a National Level Faculty Development Programme on "**MOODLE LEARNING MANAGEMENT SYSTEM**" organized by Government Arts and Science College, Thiruvannainallur in association with SPOKEN TUTORIAL-IIT BOMBAY, MHRD, GOVERNMENT OF INDIA from 02.07.2020 to 08.07.2020.
31. Attended a Webinar on "**OPEN & FLEXIBLE CLOUD COMPUTING PLATFORM - MICROSOFT AZURE**" conducted by Department Of Computer Science And Internal Quality Assurance Cell, Government Arts College For Women (Autonomous), Pudukkottai on 03.07.2020.
32. Attended a Workshop on "**MACHINE LEARNING WITH WEB DEVELOPMENT**" organized by G Narayanamma Institute Of Technology & Science For Women in association with Codegnan It Solutions(Opc) Pvt Ltd, Vijayawada, Andhra Pradesh from 06.07.2020 to 10.07.2020.
33. Attended a Workshop on "**COMPUTER NETWORKS**" organized by Arasu Engineering College, Kumbakonam from 06.07.2020 to 11.07.2020.
34. Attended a Workshop on "**ONLINE TOOLS**" organized by Kamaraj College of Engineering and Technology, Madurai in association with Nirals Information Technologies Pvt, Ltd., Kovilpatti from 13.07.2020 to 14.07.2020.
35. Attended a Workshop on "**ADVANCED PYTHON**" organized by Kamaraj College of Engineering and Technology, Madurai in association with Nirals Information Technologies Pvt, Ltd., Kovilpatti from 15.07.2020 to 17.07.2020.
36. Attended a Workshop on "**RECENT TRENDS IN CYBER CRIMES**" organized by Feroze Gandhi Institute Of Engineering And Technology, Raebareli on 19.07.2020.

37. Attended a Workshop on "**INFUSING CLOUD COMPUTING SERVICES AND ARTIFICIAL INTELLIGENCE IN MICROSOFT AZURE**" organized by Bishop Heber College, Trichy on 23.07.2020.
38. Attended a Workshop on "**INTERNET OF THINGS(IoT): MAKES WORLD SMARTER**" organized by Adhiparasakthi College Of Engineering, Kalavai on 24.07.2020.
39. Attended a Workshop on "**EXPLORING PYTHON LIBRARIES FOR EXPLORATORY DATA ANALYSIS AND DATA PREPROCESSING**" organized by Adhiparasakthi College Of Engineering, Kalavai on 27.07.2020.
40. Attended a Workshop on "**BASICS OF PYTHON PROGRAMMING**" organized by Department of Computer Science Engineering in Collaboration with IQAC, Dr.C.V.Raman University, Kota, Bilaspur from 27.07.2020 to 28.07.2020.
41. Attended an International Webinar on "**VIRTUAL WINGS IN NEW INDIA**" Conducted by Srimad Andavan Arts and Science College,Trichy from 23rd to 24th December 2020.
42. Attended Faculty Development Programme on "**DIGITAL TEACHING TECHNIQUES**" organized by ICT Academy from 5th Jan 2021 to 9th Jan2021.
43. Attended a "**Faculty Development Programme Series- UGC SET/NET**" organized by Department of Computer Science & Computer Applications of St.Anne's Arts and Science college from 06-07-2021 to 10-07-2021.
44. Attended in Six Days National Level Webinar on "**Career Prospects**" organized by Dr.Ambedkar College, Nagpur and Seth Kesarimal Porwal College from 21-08-2021.
45. Attended a National Level Faculty Development Programme on "**Data Science and Big Data Analytics**" organized by School of Computer Science, PPG College of Arts and Science, Coimbatore from 25.08.2021 to 31.08.2021.
46. Attended a Webinar on "**Reinforcement Learning**" Conducted by Department of Computer Science & Computer Applications of Sir Theagaraya College(Shift -II) on 04.09.2021.
47. Attended in The Five Day International Lecture Series on "**Cyber Security**" Conducted by PG & Research Department of Computer Science , SAASC, Trichy from 13-09-2021 to 17.09.2021.
48. Attended a National Level Webinar on "**IoT Communication Protocols**" organised by Department of ECE, Nehru Institute of Engineering and Technology, Coimbatore on 15.09.2021.
49. Attended the NAAC Sponsored One - day Online Seminar on "**Qualitative & Quantitative Metrics in RAAF of NAAC**" Conducted by Rajalakshmi Engineering College (Autonomous) ,Thandalam, Chennai on 17-09-2021.
50. Attended a Webinar on "**Applications on Cognitive Technologies in Industry 4.0**" organized by Department of Computer Science, BGSB University, Rajouri on 18.09.2021.
51. Attended in "**Three Day Professional Development Programme on Learning Through Gamification: Fun is the Future**" organized by IQAC, Nirmala College,Muvattupuzha from 22-09-2021 to 24.09.2021.

52. Attended Faculty Development Programme on **“INTRODUCTION TO PYTHON PROGRAMMING”** Organized by ICT Academy from 27th Sep 2021 to 1st Oct 2021.
53. Attended One day National Seminar on **“ILLUMINATING MASTERY OF BIG DATA, ANALYTICS & PYTHON”** in virtual mode, organized by Department of Computer Science, Aiman College of Arts and Science for Women, Trichy-21 on 06.10 2021.
54. Attended a Webinar on **“Data Analytics: Post COVID - 19”** Conducted by Department of Computer Science & Computer Applications of Sir Theagaraya College(Shift -II) on 19.10.2021.
55. Attended in the **“National Cyber Security Awareness Program”** organized by Department of Computer Applications, Bharathiar University, Coimbatore on 28.10.2021.
56. Attended an International Conference on **“RECENT TRENDS IN CYBER SECURITY”** Conducted by Shrimati Indira Gandhi College,Trichy on 15th December 2021.
57. Completed the course **“ Step into RPA”** conducted by UIPath, Academic Alliance on 23/12/2021.
58. Attended in the Celebration of **“Science Festival (Vigyan Utsav)”** as a part of Celebration of 75th
59. Year of Independence (Azadi ka Amrit Mahatsav) under the theme of **“Science Communication & Popularisation”** organized by Tamilnadu State Council for Science and Technology, Chennai on 07.02.2022.
60. Attended Faculty Development Programme on **“JAVA FUNDAMENTAL COURSE”** Organized by ICT Academy from 7th Feb 2022 to 13th June 2022.
61. Attended Six Days National Level Virtual Faculty Development Programme on **“ALIGNING WITH THE NEW EDUCATIONAL ERA”** Organized By Primax Foundation, St.Claret College, St.Francis College of Bengaluru with Shrimati Indira Gandhi College,Trichy from 21st February 2022 to 26th February 2022.
62. Attended Faculty Development Programme on **“INTRODUCTION TO CLOUD COMPUTING”** Organized by Shrimati Indira Gandhi College,Trichy 26th Feb 2022.
63. Attended One Week online Faculty Development Programme on **“COMMUNICATION SYSTEMS USING MACHINE LEARNING ALGORITHMS (CSMLA)”** Organized by Department of Electronics & Communication Engineering, Annamacharya Institute of Technology and Sciences , Hyderabad from 14th March 2022 to 19th March 2022.
64. Attended Faculty Development Programme on **“INNOVATIVE PEDAGOGIES OF THE FUTURE IN TEACHING LEARNING PROCESS”** Organized by Rajiv Gandhi National Institute of Youth Development from 17th March 2022 to 19th March 2022.
65. Completed the course **“Java Fundamentals”** Organized Oracle Academy on 14.06.2022

66. Attended One Week online Faculty Development Programme on "**TABLEAU**" Organized by Department Of Computer Science, IT & Applications, Shrimati Indira Gandhi College,Trichy from 14th June 2022 to 24th June 2022.
67. Completed "**Technical Proficiency Test**" organized by Inspire Softech Solutions, Chennai -59, in the month of December 2022.
68. Participated in a Workshop on "**Boot Camp on Python Programming**" using Python at CADD Centre Training Services Private Limited on 28.08.2023.
69. Participated in the five days Faculty Development Programme on "**Influence of AI in Teaching & Research**" held from 04.09.2023 to 09.09.2023 organized by Department of Commerce with Computer Applications, Hindusthan College of Arts & Science, Coimbatore-28.
70. Participated in the webinar on **STEM Robotics for Educators** conducted by upEducators on 5.09.2023.
71. Participated in the Seven Days International Level Virtual Faculty Development Programme on "**The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation**" held on 19.09.23 to 26.09.2023, organized by Department of Commerce with Professional Accounting and Accounting & Finance, Hindustan College of Arts and Science, Coimbatore.
72. Participated in the Five Days National Level Online Faculty Development Programme on "**Methodology for Advanced Research and Quality Publication in Current Scenario** " held on 25.10.23 to 31.10.2023, organized by Department of Business Administration & IQAC, Theivanai Ammal College for Women (Autonomous) ,Villupuram.
73. Participated in the Faculty Development Program on "**Data Analytics using Power BI**" Organized by Microsoft, SAP & Tamil Nadu Skill Development Corporation led under TechSaksham Program from 10th Jan. 2024 - 12th Jan. 2024.
74. Participated in the Five Days Virtual Faculty Development Programme on "**Research - The Journey from Inception to Publishing** " held on 05.02.24 to 09.02.2024, organized by PG & Research Department of Computer Science, Dhanraj Baid Jain College, Chennai - 600 097.
75. Participated in the Five Days Virtual Faculty Development Programme on "**Redefining Research Skills- Enriching Research and Publications**" held on 01.04.24 to 05.04.2024, organized by Research and Development Cell, Shrimati Indira Gandhi College , Tiruchirappalli.
76. Participated in the International Seminar on "**Data Science and Management Data**" organized by Department of Information Technology, Dr.M.G.R.Educational and Research Institute, Chennai on 12/06/2024.
77. Participated in the Lecture Series on "**Teacher as Facilitator**" organized by The Internal Quality Assurance Cell, Dr.M.G.R.Educational and Research Institute on 25/06/2024.
78. Lecture Series on "**Navigating the art of Teaching**" organized by The Internal Quality Assurance Cell, Dr.M.G.R.Educational and Research Institute on 26/06/2024.
79. Completed "**Object Oriented Programming using Python**" organized by Infosys| Springboard on 4th July 2024.

80. Participated in the Faculty Development Program on "**Foundation of Coding With Python**" Organized by Tamil Nadu Skill Development Corporation, Government of Tamilnadu through Naan Mudhalvan program held at Bharathidasan University on 06/08/2024.

81. Successfully Completed **UGC NET** conducted by National Testing Agency on 17.10.2024.

OTHER POSITIONS HELD DURING TENURE AS TEACHER:

1. Oracle Academy Instructor - 2021 to Till date
2. Association Secretary - 2012 - 2013 , 2018 – 2019, 2022 to 2023, 2024-2025.
3. Course Coordinator in DEO- 2006- 2007, 2017 to Till date
4. Swayam Mentor -2024 to Till Date
5. Naan Mudhalvan Incharge - 2023 to Till Date