Name	**:**	Ms R.Vasanthi
Designation	**:**	Assistant Professor
Department	**:**	PG & Research Department of Computer Science
Qualification	**:**	M.C.A., M.Phil.,
Experience	**:**	Teaching : 16 Research: Nil.
Area of Specialization(s)	:	Computer Networks
Email (Official ID)	**:**	vasanthi@sigc.edu
Aadhar Number	**:**	7607 2630 6759

AcademicQualifications

Degree	Branch	Institution/UniversityName	Year of Graduation
M.Phil	Computer Science	Bharathidasan University,Trichy	2008
M.C.A	Computer Science	Madurai Kamaraj University, Madurai	2003
B.Sc	Physics	Shrimati Indira Gandhi College, Trichy	1999

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
P.G.D.C.A	Computer Science	Shrimati Indira Gandhi College, Trichy	2000
Diploma	UIPath Studio Family Learnathon 2023	UIPATH	25.08.2023

Presentations in Conference

➢ Presented the paper in One Day International Conference "Trends in Artificial intelligence (ICTAI)" held on **20.09.2024**, on the topic "**Global Health Risk Prediction Using Machine Learning : A   Comparative Study of International Disease Surveillance Systems**" organised by PG & Research Department of Computer Science, Shrimati Indira Gandhi College, Tiruchirappalli-2.

Participation in Conference

*International***:**

➢ Attended an International Conference on "**RECENT TRENDS IN CYBER SURITY"** conducted by Shrimati Indira Gandhi College, Trichy on 15th December 2021.

➢ Participated in the International Seminar on "Data Science and Management of Data " held on 12.06.2024 organized by the Department of Information Technology, Dr. M.G.R Educational and Research Institute, Chennai.

*National***:**

➢ Participated in the Regional Conference on "**INFORMATION COMMUNICATION TECHNOLOGY - TRENDS**" organized by Shrimati Indira Gandhi College, Trichy on 21th November 2009.

➢ 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.

➢ 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.

Participation in Seminars

➢ Participated in the National level Seminar on "HIGH PERFORMANCE COMPUTING" organized by Shrimati Indira Gandhi College, Trichy on 23rd February 2012.

➢ 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.

➢ Attended a Webinar on "DEVELOPING JSF WEB APPLICATIONS WITH HIBERNATE-A HANDS ON APPROACH" conducted by Bishop Heber College Trichy on 6th June 2020.

- Attended a Webinar on "ONLINE CONTENT CREATION TOOLS" conducted by Bishop Heber College, Trichy on 11th June 2020.
- Attended a Webinar on "ENCOURAGING LEARNERS ENGAGING IN REMOTE LEARNING" Conducted by Parvathy's Arts & Science College, Dindigul on 13th June 2020.
- Attended a Webinar on "ONLINE EXAMINATION TOOLS" conducted by Bishop Heber College, Trichy on 20.06.2020.
- Attended a Webinar on "INTRODUCTION TO ELEARNING CONTENT CREATION" conducted by IEEE COMPUTER SOCIETY, MADRAS on 22.06.2020.
- 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.
- 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.
- 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.
- 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.
- 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.
- NATIONAL LEVEL WEBINAR On "IOT COMMUNICATION PROTOCOLS" By Nehru Institute of Engineering and Technology, Coimbatore. On 15.09.2021.
- One day National Seminar on " Illuminating Mastery of Big Data, Analytics & Python"organized by Aiman College of Arts and Science for Women on 6th October,2021
- NATIONAL LEVEL WEBINAR On "DATA ANALYTICS: Post COVID-19" by SIRTHEAGARAYA COLLEGE (SHIFT- II), CHENNAI On 9.10.2021.
- Participated in Celebration of Science Festival (Vigyan Utsav) on the topic of "Science Communication & Popularisation" organised by Tamilnadu State Council for Science and Technology, Chennai on 7th February 2022.

- ➢ Two Day NAAC Collaborated National Virtual Seminar on " Holistic and Multidisciplinary Approach Towards National Higher Education Quality Framework" on 05.07.2023 &06.07.2023.
- ➢ Participated in Learnathan 2023, organised by ICT Academy from August 2023 to September 2023

Participation in Workshop

- ➢ 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.
- ➢ 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.
- ➢ 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.
- ➢ 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.
- ➢ Attended a Workshop on "COMPUTER NETWORKS" organized by Arasu Engineering College, Kumbakonam from 06.07.2020 to 11.07.2020.
- ➢ Attended a Workshop on "INFUSING CLOUD COMPUTING SERVICES AND ARTIFICIAL INTELLIGENCE IN MICROSOFT AZURE" organized by Bishop Heber College, Trichy on 23.07.2020.
- ➢ Attended a Workshop on "INTERNET OF THINGS (IoT): MAKES WORLD SMARTER" organized by Adhi parasakthi College Of Engineering, Kalavai on 24.07.2020.
- ➢ Attended Technical Proficiency Test organized by Inspire Softech Solutions, Chennai on December 2022 .

- NAAC Two Days Workshop on Application of Design Thinking In Higher Education on 22-12-2022 to 23-12-2022.
- Participated in free workshop on BOOT Camp on PYTHON Programming using Python organized by CADD centre training services Pvt. Ltd. On 28.08.2023
- Participated in A One-Week International Virtual Workshop on Excellence in Research Methodolgy from 23.09.2024 to 28.09.2024 organized by the Department of English and other Languages, Faculty of Science and Humanities, SRM Institute of Science and Technology , Ramapuram, Chennai.

Participation in Orientation Programme / ShortTerm Courses

- Participated in "RPA Citizen Developer Foundation" Diploma Course in UiPath Academic Alliance on 02.01.2023 to 28.01.2023.
- Participated in " Skillathon 2022 RPA Citizen Developer Foundation" Diploma Course in UiPath Academic Alliance on 02.01.2023 to 28.01.2023.
- Successfully completed the "Journey to Cloud: Envisioning Your Solution" offered by IBM on 04.08.2023.
- Successfully completed the course " MongoDB Basics " on 31.08.2023 by ICT Academy Learnathon
- Successfully completed the course "Cloud & Virtualization Concepts" by VMware IT Academy on 1st September 2023
- Successfully completed the course "Computer Vision onramp" by Mathworks on 5th September 2023
- Successfully completed the course " 2D/3D CAD Modeling of Building Environment " on 23.09.2023 by Bentley Systems Incorporated.
- Successfully completed the course " Modeling Structures with Analytical Modeler " on 23.09.2023 by Bentley Systems Incorporated.
- Successfully completed the course " Microsoft Learn Machine Learning Challenge "by ICT Academy Learnathon on September 2023
- Successfully completed the course " Microsoft Learn AI Builder Challenge "by ICT Academy Learnathon on September 2023
- Successfully completed "Oracle Cloud Infrastructure 2023 Certified Foundations Associate" on January 23, 2024.

- Participated in the NEP 2020 Orientation and Sensitization   Programme under Malaviya Mission Teacher Training programme (MM-TTC) of University Grants Commission(UGC),organized by UGC-Malaviya Mission Teacher Training Centre(UGC-MMTTC), Bharathidasan University,Tiruchirappalli, Tamil Nadu from 19.2.2024 to 1.3.2024

- Completed the certificate course in Software Engineering and Agile Software Development on February 24,2025 conducted by Info Sys Spring board

Participation in Faculty Development Programme

- Attended a Faculty Development Programme on "JAVA FUNDAMENTALS AND PROGRAMMING" organized by Oracle Academy in MAM College of Engineering at Siruganur, Trichy from 30th March 2015 to3rd April 2015.

- 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.

- 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.

- 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.

- Attended a Faculty Development Programme on "FUTURE TECH 2020" organized by ICT Academy - Season 6 Skycampus from 18th May to 22nd May 2020.

- Attended a Faculty Development Programme on "MACHINE LEARNING" organized by Auxilium College (Autonomous), Vellore from 01.06.2020 to 07.06.2020.

- Attended a Faculty Development Programme on "IMPROVING THE SKILL SET & CHANGING THE ATTITUDE" organized by ICT Academy - Skycampus online Supersession on 5th June 2020.

- Attended a Faculty Development Programme on "PYTHON 3.4.3" organized by Dharmamurthi Rao BhagadurCalavala Cunnan Chetty's Hindu College in collaboration with SPOKEN TUTORIAL-IIT BOMBAY, MHRD, GOVERNMENT OF INDIA
from 10.06.2020 to 15.06.2020.

- Attended a Faculty Development Programme on "FUTURE OF EDUCATION" organized by ICT Academy - Skycampus online Supersession on 18th June 2020.

- Attended a Faculty Development Programme on "INSIGHTFUL FRIDAYS OF SKYCAMPUS

DIGITAL KNOWLEDGE WEBINAR SERIES" organized by ICT Academy – Sky campus online Supersession on 26th June 2020.

- Attended a National Level Faculty Development Programme on "MOODLE LEARNING MANAGEMENT SYSTEM"organized by Government Arts and Science College, Thiruvennainallur in association with SPOKEN TUTORIAL-IIT BOMBAY, MHRD, GOVERNMENT OF INDIA from 02.07.2020 to 08.07.2020. Attended a Faculty Development Programme on "DIGITAL TEACHING TECHNIQUES" organized by ICT Academy on 5th Jan 2021 to 9th Jan 2021.

- Attended a "Faculty Development Programme Series – UGC SET/NET" organized by the Department of Computer Science   & Computer Applications of St. Anne's Arts and Science College from 06/07/2021 to 10/07/2021

- NATIONAL LEVEL ONLINE FDP On "DATA SCIENCE AND BIG DATA ANALYTICS" by PPG College of Arts and Science,   COIMBATORE, From 25.08.2021 TO 31.08.2021.

- NATIONAL LEVEL ONLINE FDP - IQAC On "LEARNING THROUGH GAMIFICATION :FUN IS THE FUTURE" By NIRMALA COLLEGE, MUVATTUPUZHA From 22.09.2021 to24.09.2021.

- Six Day National Level Virtual FDP on " Aligning with the New   Educational Era" by PrimaxFoundation ,St.Claret College,   St.Francis College of Bengaluru with SIGC from21/02/2022 to   26/02/2022.

- Attended a Faculty Development Programme on "JAVA FUNDAMENTALS COURSE" organized by ICT Academy on 7th Feb 2022to 13th June 2022

- Attended a Faculty Enrichment Programme on "INTRODUCTION TO CLOUD COMPUTING" Organized by Shrimati Indira Gandhi College on 26th Feb 2022.

- Attended a 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.

- Faculty Development Programme on "TABLEAU" in virtual mode from 14th June to 24th June 2022.

- Five Days Virtual Faculty Development Programme on "Positive Aspects of Teaching Practices" held on 20.02.2023 to 24.02.2023 organized by IQAC and PG & Research Department of Commerce, Theivanai Ammal College for Women (Autonomous), Villupuram.

- Attended a Faculty Development Programme on "Fundamentals of Coding and Cloud" Organized by Tamilnadu Skill Development Corporation, Govt. of Tamilnadu from 26.07.2023

to 28.067.2023.

- Participated in 5 Days Faculty Development Programme on "Redefining Research Skills : Enriching Research and Publications" from 01.04.2024 to 05.04.2024 conducted by Research and Development Cell, Shrimati Indira Gandhi College, Trichy

- Faculty Development Programme on "Redefining Research Skills: Enriching Research and Publications" from 01.04.2024 to 05.04.2024 organized by the Research and Development Cell, Shrimati Indira Gandhi College, Tiruchirappalli-2.

- Participated in the Faculty Development Programme on "Intellectual Property Rights and Patents" held from 20.05.2024 to 24.05.2024 organized by the Department of Information Technology, Dr. M.G.R Educational and Research Institute, Chennai.

- Faculty Development Programme on "Understanding Outcome Based Education" from 10.06.2024 to 15.06.2024 & 18.06.2024 organized by the Internal Quality Assurance Cell, Shrimati Indira Gandhi College, Tiruchirappalli-2.

- Participated in six days Faculty Development Programme on "Generative AI" held from 18.06.2024 to 23.06.2024 organized by Tamilnadu Skill Development Corporation, Government of Tamilnadu.

- Cbr date:16.09.2024 Patent on PORTABLE FOOD MICROBIOLOGY ANALYZER at The Patent Office, Government of Tamilnadu

- Participated in the one week faculty Development Program on "Innovative Pedagogical Techniques in Management Education" held from 21 st October 2024 to 25 th October 2024 conducted by Kamal Institute of Higher Education and Advance Technology, New Delhi, in association with Ojha Publication & Research House, New Delhi

- Participated in one day Training Programme on "Women who advocate for Equity, Diversity & Inclusion " conducted by National Human RIghts Commission , New Delhi jointly organize with Shrimati Indira Gandhi College, Trichy held on 21.03.2025

Awards/ Honors

Awards/ Honors	Agency/ Institute	Year of Award
Best NSS Programme Officer	Bharathidasan University	2020 - 2021

- "**Best NSS Programme Officer**" was awarded by the NSS Cell of Bharathidasan University, Tiruchirappalli for the year 2020 – 2021