



SHRIMATI INDIRA GANDHI COLLEGE

(Affiliated to Bharathidasan University)

Nationally Accredited at 'A' Grade (4th Cycle) by NAAC | An ISO 9001 : 2015 Certified Institution
Tiruchirappalli - 620 002

Name : Ms RATHNA J
Designation : Assistant Professor
Department : Computer Applications
Qualification : B.E, M.Tech.,
Experience : Teaching: 24 Years
Industry: 3 Years
Research: -
Area of Specialization(s) : Software Testing
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Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M.Tech	Computer Science & Engineering	PRIST University	2014
B.E.,	Computer Science & Engineering	Mookambigai College of Engineering/Bharathidasan University	1991

Course Coordinator in BS Computer Science : (2010-2014)

Association Secretary : (2016-2018)

Participation in Conference

1. Participated in the Regional Conference on "**INFORMATION COMMUNICATION TECHNOLOGY - TRENDS**" organized by Shrimati Indira Gandhi College, Trichy on 21th November 2009.
2. 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.
3. Participated in the "NATIONAL LEVEL ONLINE WORKSHOP on ChatGPT for ACADEMICS" conducted by Department of Computer Science ,St Joseph's College, Triuchirappalli on 21.06.2023.
4. 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.
5. 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.
6. 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.
7. Attended a Workshop on "**COMPUTER NETWORKS**" organized by Arasu Engineering College, Kumbakonam from 06.07.2020 to 11.07.2020.
8. Attended a Workshop on "**INFUSING CLOUD COMPUTING SERVICES AND ARTIFICIAL INTELLIGENCE IN MICROSOFT AZURE**" organized by Bishop Heber College, Trichy on 23.07.2020.
9. Attended a Workshop on "**INTERNET OF THINGS(IoT): MAKES WORLD SMARTER**" organized by Adhiparasakthi College Of Engineering, Kalavai on 24.07.2020.
10. Participated in the National level Seminar on "**HIGH PERFORMANCE COMPUTING**" organized by Shrimati Indira Gandhi College, Trichy on 23rd February 2012.

11. 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.

Participation in Faculty Development

1. Participated in Six Days AICTE Training and Learning (ATAL) Academy Faculty Development programme on “Women in Cybersecurity and Disaster Management: A Strategy Framework for Sustainable Safety “ conducted by All India Council for Technical Education from 20.01.2025 to 25.01.2025, at Srimati Indira Gandhi College, Trichy.
2. Participated in Five Days Faculty Development programme on “Android Basics with Compose (Online FDP) “conducted by ICT Academy from 08.07.2024 to 12.07.2024, Srimati Indira Gandhi College, Trichy.
3. Participated in Seven Days Faculty Development programme on “Understanding Outcome Based Education” from 10.06.2024 to 15.06.2024 & 18.06.2024 conducted by Internal Quality Assurance Cell, Shrimati Indira Gandhi College, Trichy
4. Participated in Five 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
5. Attended Six days Faculty Development Programme on “Naan Mudhalvan – Front End Web Development “ at BUTP, Trichy from 06.01.2025 to 11.01.2025.
6. Faculty Development Programme on “MICROSOFT POWER BI DATA ANALYST ASSOCIATE ” from 29.05.2023 to 02.06.2023.
7. Faculty Development Programme on “TABLEAU” in virtual mode from 14th June to 24th June 2022.
8. Attended a Faculty Development Program on "Introduction to PYTHON PROGRAMMING (OnLine Live FDP)" conducted by ICT Academy on 06.06.2022 to 10.06.2022.
9. Attended a Faculty Enrichment Programme on “Introduction To Cloud Computing” Organized by Shrimati Indira Gandhi College on 26th Feb 2022.
10. Attended a Six Day National Level Virtual Faculty Enrichment Program conducted by PrimaxFoundation on “Aligning With The New Educational ERA from 21.02.2022 to 26.02.2022.
11. Attended an International Conference on “Recent Trends In Cyber Security” conducted by Shrimati Indira Gandhi College, Trichy on 15th December 2021.

12. Participated in 3 Hours of Faculty Development Program on "**Celonis Business Process Mining Expert**" conducted by ICT Academy on 19.11.2021
13. Attended a Faculty Development Program on "**Program on Fundamentals of RPA (OnLine Live FDP)**" conducted by ICT Academy from 04.10.2021 to 08.10.2021
14. Attended a Faculty Development Program "Cybersecurity Infrastructure Configuration"(OnLine Live FDP)conducted by ICT Academy from 20.09.2021 to 24.09.2021
15. Participated in 12 hours FDP on "Introduction To Python Programming(Online Live FDP)conducted by ICT Academy on 06.June.2021 to 10.06.2022.
16. Attended a Faculty Development Programme on "**DIGITAL TEACHING TECHNIQUES**" organized by ICT Academy on 5th Jan 2021 to 9th Jan 2021.
17. 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.
18. 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.
19. 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.
20. Attended a Faculty Development Programme on "**FUTURE TECH 2020**" organized by ICT Academy - Season 6 Skycampus from 18th May to 22nd May 2020.
21. Attended a Faculty Development Programme on "**MACHINE LEARNING**" organized by Auxilium College (Autonomous), Vellore from 01.06.2020 to 07.06.2020.
22. Attended a Faculty Development Programme on "**IMPROVING THE SKILL SET & CHANGING THE ATTITUDE**" organized by ICT Academy - Skycampus online Supersession
23. Attended a Faculty Development Programme on "**PYTHON 3.4.3**" organized by Dharmamurthi Rao Bhagadu Calavala Cunnan Chetty's Hindu College in collaboration with SPOKENTUTORIAL-IIT BOMBAY, MHRD, GOVERNMENT OF INDIA from 10.06.2020 to 15.06.2020.
24. Attended a Faculty Development Programme on "**FUTURE OF EDUCATION**" organized by ICT Academy - Skycampus online Supersession on 18th June 2020.
25. 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.

26. Introduction to Python Programming on 23/11/2019 and 24/11/2019 by ICT Academy at Kongunadu College Of Engineering and Technology, Thottiyam, Trichy.

27. 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 to 3rd April 2015.

Participation in Webinar

1. Attended a Webinar on **"DEVELOPING JSF WEB APPLICATIONS WITH HIBERNATE-A HANDS ON APPROACH"** conducted by Bishop Heber College Trichy on 6th June 2020.
2. Attended a Webinar on **"ONLINE CONTENT CREATION TOOLS"** conducted by Bishop Heber College, Trichy on 11th June 2020.
3. Attended a Webinar on **"ENCOURAGING LEARNERS ENGAGING IN REMOTE LEARNING"** Conducted by Parvathy's Arts & Science College, Dindigul on 13th June 2020.
4. Attended a Webinar on **"ONLINE EXAMINATION TOOLS"** conducted by Bishop Heber College, Trichy on 20.06.2020.
5. Attended a Webinar on **"INTRODUCTION TO ELEARNING CONTENT CREATION"** conducted by IEEE COMPUTER SOCIETY, MADRAS on 22.06.2020.
6. 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.
7. 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.
8. 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.
9. Attended National Level Webinar on "Career Prospects" on 21.08.2021 jointly organized by

Dr.Ambedkar College ,Nagpur and Sethu Kesarimal Porwal College of Arts,Science and Commerce ,Kamptee.

10. Completed the course Step into RPA on 23.12.2021

Presentation in Conference

1. Presented Paper on the Topic “Enhancing Edge Computing with AI-Based Decision Support System” in the International Conference on ”Next Generation Technologies for Sustainable ICNGT2025” on 24.01.2025 at Srimati Indira Gandhi College, Trichy