



# SHRIMATI INDIRA GANDHI COLLEGE

(Affiliated to Bharathidasan University)

Nationally Accredited at 'A' Grade (4<sup>th</sup> Cycle) by NAAC | An ISO 9001 : 2015 Certified Institution

Tiruchirappalli - 620 002

Name : Ms T.R.B VIDHYA  
Designation : Assistant Professor  
Department : Computer Applications  
Qualification : M.S.I.T., M.Phil., M.C.A.,  
Experience : Teaching: 16 Years Research: -  
Area of Specialization(s) : Computer Networks  
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Aadhar Number : 7554 9197 0883

## Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M.C.A.,	Computer Applications	Periyar University, Salem	2011
M.Phil.,	Computer Science	Bharathidasan University	2003
M.S.I.T.,	Information Technology	Bharathidasan University	2002
B.Sc.,	Computer Science	H.H. The Rajah's College, Pudukkottai.	1999

## Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution/ University/ Agency Name	Year
Diploma Course	STEP INTO RPA	UI PATH ACADEMIC ALLIANCE	2021

Certificate Course	Introduction to Python Programming	ICT Academy	2021
Certificate Course	Java Fundamentals	ICT Academy	2022
Certificate Course	Learnathon	ICT Academy	2023
Diploma Course	“UiPath Studio Family – Learnathon India 2023	Ui Path Academic Alliance	2023
Certificate Course	Journey to Cloud: Envisioning Your Solution	IBM	2023
Certificate Course	Oracle Cloud Infrastructure	Oracle	2024
Certificate Course	Field implementation on Oracle Cloud Infrastructure (OCI)	Oracle	2024

### **Presentations in Conference**

1. Presented a Paper entitled “Artificial Intelligence Reshaping the Landscape of Digital Marketing” in the International Conference on “Modern Trends and Technology organized by the Department of Computer Science, Joseph Arts and Science College, Kallakurichi District, Tamil Nadu, India on 01.03.2024 & 02.03.2024.
2. Presented a Paper entitled “AI - Driven Cyber Security: Empowering Defense in the Digital Age Recruiting and Performance management” in the International Conference on “Innovative Techniques in Artificial Intelligence Communication Technologies (ICITAICT 2024) organized by SathyaBama Institute of Science and Technology, Deemed to be University, India on 12.04.2024.
3. Presented a paper entitled "A Comprehensive Study on Human Vulnerabilities, Insider Threads, Strategic Risk Mitigation" in the International conference on one-day International Conference on “Trends in Artificial Intelligence (ICTAI)” on 20.09.24 at Shrimati Indira Gandhi College.
4. Presented a paper entitled "Enhancing Edge Computing with AI - Based Decision Support Systems" in the International conference on “Next Generation Technologies for Sustainable Computing(ICNGT)” on 24.01.25 at Shrimati Indira Gandhi College.

## **Participation in Conference**

### ***International:***

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

### ***National:***

1. Participated in National Conference on Bioinformatic Tools for Gene and Protein Analysis at Shrimati Indira Gandhi College, Tiruchirappalli-2 during 7<sup>th</sup> & 8<sup>th</sup> September 2007.
2. Participated in Regional conference on "Information Communication Technology –Trends" organized by Shrimati Indira Gandhi College, Trichy.21th November 2009.
3. 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.
4. 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.
5. Participated in UMGAIN TN Global Conference organized by Department of IT & DS at Chennai Trade Center, held on 23.02.2024 to 24.02.2024.

## **Participation in Seminars**

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 level seminar on "HIGH PERFORMANCE COMPUTING" organized by Shrimathi Indira Gandhi College, Trichy 23rd Feb 2012.
3. 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 Workshop**

1. 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.

2. 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.
3. 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.
4. Attended a Workshop on "COMPUTER NETWORKS" organized by Arasu Engineering College, Kumbakonam from 06.07.2020 to 11.07.2020.
5. 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.
6. 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.
7. Attended a Workshop on "RECENT TRENDS IN CYBER CRIMES" organized by Feroze Gandhi Institute Of Engineering And Technology, Raebareli on 19.07.2020.
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. 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.
11. 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.
12. Participated in Free Workshop on **"Boot Camp on Python Programming"** by CAAD Centre, Training Service Private Limited on 28.08.2023.

## **Participation in Orientation Programme / Short Term Courses**

1.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

## **Participation in Faculty Development Programme**

1. Attended a Faculty Development one week Programme on “DOT NET” Organized by ICT Academy Pavendar Bharathidasan Institute of Information Technology, Tiruchirappalli on 1st September 2012.
2. Attended a Faculty Development Programme on “THE FUTURE IS HERE NOW” Organized by ICT Academy -Season 3 Skycampus on 27<sup>th</sup> April to 1<sup>st</sup> May 2020.
3. Attended a Faculty Development Programme on “THE FUTURE OF EDUCATION, EMPLOYMENT & ENTREPRENEURSHIP” Organized by ICT Academy -Season 4 Skycampus on 4<sup>th</sup> May to 8<sup>th</sup> May 2020.
4. Attended a Faculty Development Programme on “THE FUTURE OF SKILLS - EDUCATION, EMPLOYMENT & ENTREPRENEURSHIP” Organized by ICT Academy -Season 5 Skycampus on 11<sup>th</sup> May to 15<sup>th</sup> May 2020.
5. Attended a Faculty Development Programme on “FUTURE TECH 2020” Organized by ICT Academy -Season 6 Skycampus on 18<sup>th</sup> May to 22<sup>nd</sup> May 2020.
6. Attended a Faculty Development Programme on “IMPROVING THE SKILL SET & CHANGING THE ATTITUDE” Organized by ICT Academy - Skycampus online Supersession on 5<sup>th</sup> June 2020.
7. Attended a Webinar on "DEVELOPING JSF WEB APPLICATIONS WITH HIBERNATE-A HANDS ON APPROACH" conducted by Bishop Heber College Trichy on 6<sup>th</sup> June 2020.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.
8. Attended a Webinar on "ONLINE CONTENT CREATION TOOLS" conducted by Bishop Heber College, Trichy on 11<sup>th</sup> June 2020.

9. Attended a Webinar on "ENCOURAGING LEARNERS ENGAGING IN REMOTE LEARNING" Conducted by Parvathy's Arts & Science College, Dindigul on 13<sup>th</sup> June 2020.
10. Attended a Faculty Development Programme on "FUTURE OF EDUCATION" Organized by ICT Academy - Skycampus online Supersession on 18<sup>th</sup> June 2020.
11. Attended a Webinar on "ONLINE EXAMINATION TOOLS" conducted by Bishop Heber College, Trichy on 20.06.2020.
12. Attended a Webinar on "INTRODUCTION TO ELEARNING CONTENT CREATION" conducted by IEEE COMPUTER SOCIETY, MADRAS on 22.06.2020.
13. 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.
14. Attended a Faculty Development Programme on "INSIGHTFUL FRIDAYS OF SKYCAMPUS DIGITAL KNOWLEDGE WEBINAR SERIES" Organized by ICT Academy - Skycampus online Supersession on 26<sup>th</sup> June 2020.
15. 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.
16. 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.
17. 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.
18. 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.
19. Attended an International Webinar on "VIRTUAL WINGS IN NEW INDIA" conducted by Srimad Andavan Arts and Science College, Trichy from 23<sup>rd</sup> to 24<sup>th</sup> December 2020.
20. Attended a Faculty Development Programme on "DIGITAL TEACHING TECHNIQUES" organized by ICT Academy from 5<sup>th</sup> Jan 2021 to 9<sup>th</sup> Jan 2021.

21. Attended a Faculty Development Programme on “INTRODUCTION TO PYTHON PROGRAMMING” Organized by ICT Academy from 27<sup>th</sup> Sep 2021 to 1<sup>st</sup> Oct 2021.
22. Attended a Faculty Enrichment Programme on “INTRODUCTION TO CLOUD COMPUTING” Organized by Shrimati Indira Gandhi College on 26<sup>th</sup> Feb 2022.
23. 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 17<sup>th</sup> March 2022 to 19<sup>th</sup> March 2022.
24. Attended a Faculty Development Programme on “JAVA FUNDAMENTALS” Organized by ICT Academy from 7<sup>th</sup> Feb 2022 to 13<sup>th</sup> June 2022.
25. Attended a Virtual Faculty Development Programme on “TABLEAU” ” Organized by Shrimati Indira Gandhi College from 14<sup>th</sup> June 2022 to 24<sup>th</sup> June 2022.
26. Six Day National Level Virtual FDP on "Aligning with the New Educational Era" By Primax Foundation ,St.Claret College,St.Francis College of Bengaluru with SIGC From 21/02/2022 to 26/02/2022.
27. Participated in the Faculty Enrichment Programme on “Shape Yourself with Siddha”, organized by the Department of Chemistry, Shrimati Indira Gandhi College, Tiruchirappalli -02, from 14.07.2022.
28. Participated in Five Days Virtual Faculty Development Programme on “Positive Aspects of Teaching Practices”, organized by IQAC and PG & Research Department of Commerce, Theivanai Ammal College for Women(Autonomous),from 20.02.2023 to 24.02.2023.
29. Participated in Faculty Development Programme on “Fundamentals of Coding and Cloud” by Tamil Nadu Skill Development Corporation, Government of Tamil Nadu from 26.07.2023 to 28.07.2023.
30. Participated in National Level Faculty Development Programme on “Influence of AI and Teaching Reasearch” by Hindustan College of Arts and Science, Coimbatore,from 04.09.2023 to 09.09.2023.
31. 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.
32. Participated in Faculty Development Programme on “Oracle Cloud Architecture” by Tamil Nadu Skill Development Corporation, Government of Tamil Nadu on 02.05.2024.

33. Participated in Seven Day 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.
34. Participated in Faculty Development Programme on “Generative AI” by Tamil Nadu Skill Development Corporation, Government of Tamil Nadu from 09.08.2024.
35. Participated in Faculty Development programme on “Women in Cybersecurity and Disaster Management: A Strategy Framework for Sustainable Safety” from 20.01.2025 to 25.01.2025 conducted by AICTE Training and Learning ATAL Academy at Shrimati Indira Gandhi College, Trichy.

### **Membership in Professional Bodies**

<b>Name of the Professional Body</b>	<b>Nature of membership</b>	<b>Duration</b>
UG BOARD EXAMINER, BDU,TRICHY	Examinar	15

### **Awards / Honors**

<b>Awards / Honors</b>	<b>Agency / Institute</b>	<b>Year of Award</b>
BEST PROFESSOR AWARD	MC STEM EDUVERSITY	2025

### **Recognition National / International**

<b>Nature of Recognition</b>	<b>Organization / Institution</b>	<b>Year</b>
Exemplary Service, Commitment and Contributions of Gobal Awards	MC STEM EDUVERSITY	2025