

SRI GVG VISALASKHI COLLEGE FOR WOMEN



(Autonomous)
Affiliated to Bharathiar University
Accredited at \mathcal{A}^+ Grade by NAAC (4th Cycle)
An ISO 9001:2015 Certified Institution
Udumalpet - 642 128
Tamilnadu

FACULTY PROFILE

Name : **Dr Shobana S**
Qualification : MCA, M.Phil., Ph.D, SET
Designation : Associate Professor and Head
Department : Computer Science
Experience : 19 Years
Phone : 9965512142
Email : s.shobana@gvgvc.ac.in
shobanavijayakumar12@gmail.com
LinkedIn Profile : www.linkedin.com/in/shobanavijayakumar
IRNIS : <https://gvgvc.irins.org/profile/199069>



Educational Qualification:

Qualification	University	Year of Passing	Grade
Ph.D	Bharathiar University	2023	Highly Commended
SET	Mother Teresa University	2016	First Class
M.Phil Computer Science	Madurai Kamaraj University	2006	First Class
MCA	Madurai Kamaraj University	2004	First Class
B.Sc. Mathematics	Sri GVG Visalakshi College for Women	2001	First Class with Distinction

Awards/Distinction Received:

- Δ **“Microsoft Azure Research Award”** with sponsorship \$20000 for a period of one year from July 2016 to June 2017.
- Δ **“Microsoft Azure Research Award”** with sponsorship \$5000 for a period of one year from July 2017 to June 2018.
- Δ **"Best Practices Award - Student Engagement in Tamilnadu"** titled "Innovation for Rural Women Development and Empowerment" from ICT Academy on "Bridge 2018-Chennai", at Hotel ITC Grand Chola, Chennai on March 28,2018.
- Δ **"Best Performer Award"** from the College Management for the Academic Year 2014-2015, 2017-2018 & 2018-2019.
- Δ **"Best Women Faculty Award"** - Global Faculty Awards 2022, Edu Icon Awards from International Education Research & Development, Country Hill Road, Iowa, USA.
- Δ Listed as **“Top 10 Educators of the Year 2024”** –Article in Hindustan Times dated April 09,2024.
- Δ Awardee of **“Bharat Education Excellence Award 2024”** dated April,21,2024.

Certifications:

- Δ EMC Certification “EMC Academic Associate, Cloud Infrastructure and Services” certificate from EMC Education Services, EMC Corporation dated February 27, 2015.
- Δ VMWARE certification “vITA-Data Center Virtualization Fundamentals” from VMWARE Education Service dated June 1, 2016.
- Δ ORACLE Certification " Database Design and Programming with SQL" from ORACLE Academy dated January 12,2018.
- Δ GOOGLE Certification " Google Analytics for Beginners" from Google Analytics Academy dated 2.4.2020
- Δ ORACLE Certification "Database Design with SQL" from ORACLE Academy dated 25.4.2021.
- Δ MoE's Innovation Cell and AICTE - Innovation Ambassador - Foundation Levelcalendar year 2021-2022 on 14.07.2022
- Δ MoE's Innovation Cell and AICTE - Innovation Ambassador-Advanced Levelcalendar year 2021-2022 on 13.10.2022

Research Articles Published:

- Δ S.Shobana,N.Radhika, “Energy Efficiency in Mobile Cloud Computing: A Survey”, Asian Journal of Information Technology Vol:15 Iss:20, Dec 2016. (SCOPUS)
- Δ S.Shobana, N.Radhika, T.K.G. Ganapathy Subramanian, S. Prashanth, C. Sundareswaran, "Secured Energy Aware Cloudlet Provisioning in Mobile Cloud Environment" in Journal of Advanced Research in Dynamical & Control Systems, Vol:10, Special Iss: 5, Apr 2018. (SCOPUS)
- Δ S.Shobana,N.Radhika,"Efficient Cloudlet Provisioning Using Bio-Inspired Hybrid Algorithm in Mobile Cloud Computing", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 05-Special Issue, 2018
- Δ M.Nirmaladevi,S.Shobana " Crop Yield Prediction Based on Soil Nutrients using K-Means Clustering", International Journal of Research and Analytical Reviews, Vol:5, Iss:3, Jul 2018. (UGC)
- Δ B.Lalitha,S.Shobana "Data Duplication Detection by Applying Similarity Strategies", in International Journal for Scientific Research & Development", Vol:7, Iss:1,2019 (UGC)
- Δ S.Shobana, N.Radhika, "A Comparative Analysis of Cloudlet Provisioning in Mobile Cloud Computing Environment", in: Proceedings of Sixth International Conference on Computing Methodologies and Communication (ICCMC 2022), IEEE Xplore, 2022, ISBN:978-1-6654-1027-4.(SCOPUS)

Book Authored:

Dr. Rohit Kumar, Mrs.S. Shobana, Ms.Lipsa Das, Dr. Muthukumar Subramanian, " Machine Learning for Handwritten Character Recognition", Scientific International Publishing House, 2022, ISBN: 978-93-5625-086-4.

Editorial Member:

Editorial Member of Edwin Group of Journals from 02/04/2022 till date

Academic Enrichment Programmes:

Orientation Course:

- Δ "64th Orientation Course" at Bharathiar University, Coimbatore from 16.05.2006 to 12.06.2006 .

Refresher Course:

- △ Refresher Course by Indian Science Academies “Recent Trends In Computer Science And Engineering: Refreshing The Young Minds” at Guru Nanak Dev Engineering College, Bidar, Karnataka from 10.03.2014 To 22.03.2014.
- △ Refresher Course on "Entrepreneurship Development" at Amrita Vishwa Vidyapeetham, Coimbatore from 10.12.2018 to 22.12.2018.

CSIR Summer Research Training (3 Months) :

- △ Attended CSIR-SRTP 2020 coordinated by CSIR-NEIST, Jorhat during June to August 2020

Seminars/Conferences/Workshops/Symposium/FDP etc... Attended:

- △ Seven days National Level FDP on “Innovation Through Tradition: Embracing Indian Knowledge Systems in the NEP 2020” organized by School of Business Management, RVS College of Arts and Science & IIC, in association with Research Activities, Shiksha Sanskriti Utthan Nyass(SSUN), Tamilnadu from 06.01.2024 to 12.01.2024.
- △ One Week FDP on "Amazon Web Services", organised by GMR Institute of Technology, Andrapradesh in Collaboration with Brainovision solutions India Pvt.Ltd and AICTE from 22.08.2022 to 27.08.2022
- △ Participated in IP Awareness Training Program under National Intellectual Property Awareness Mission organised by Intellectual Property Office, India on 03.08.2022
- △ One Day International Conference on "Mobile Technologies: Use of Mobile Device in Library", Jointly organised by Shri Chhatrapati Shivaji College, Omerga, Lokmanya Tilak Mahavidyalaya, Wadwani, Smt.. Sushiladevi Deshmukh Mahila Mahavidyalaya, Latur, Maharashtra on 07.02.2022.
- △ FDP on " Microsoft Azure Fundamentals" by ICT Academy from 16.02.2022 to 18.02.2022.
- △ One Week National Level FDP on "Recent Trends in Artificial Intelligence, IoT, and Data Analytics", Shri Vishnu Engineering College for Women(A), Bhimavaram, Andhra Pradesh from 09.02.2022 to 13.02.2022.
- △ ISTE and CSI Sponsored Five Days FDP on "Bigdata Analytics and Security with Blockchain - The Future" , Sri Sai Ram Engineering College, Chennai from 24.01.2022 to 29.01.2022
- △ Three weeks International FDP on " Research Perspectives on AI, ML, Data Science & IoT", from 17.05.2021 to 05.05.2021 at KL University, Andrapradesh

- △ Five Days International Conference on " AI,Robotics, and Automation ", from 14.10.2020 to 18.10.2020, SkyCampus and ICT Academy,Tamilnadu
- △ One week FDP on "Open Source Tools for Research", from 08.06.2020 to 14.06.2020, University of Delhi & MHRD
- △ Six days FDP on "Database Design and Programming with SQL", from 19.04.2021 to 24.04.2021, Oracle Academy
- △ Two day "Virtual Teaching" Workshop on 20.04.20 &21.04.2 by Coimbatore Institute of Technology, Coimbatore
- △ One day online workshop on " Book & Article Publishing and Springerlink Platform Demonstration", on 22.04.20 School of Education, PMMMNTT, MHRD, Guru Nanak Dev University, Amristar, In collaboration with Springer Nature
- △ Skycampus Season I Faculty Development Programme from 9.4.2020 to 18.4.2020 by ICT Academy.
- △ Skycampus Season II Faculty Development Programme from 20.4.2020 to 24.4.2020 by ICT Academy.
- △ Skycampus Season III Faculty Development Programme from 27.4.2020 to 1.5.2020 by ICT Academy.
- △ Moodle Learning Management System from 29.04.20 to 01.05.20 by Kaypeeyes College of Arts and Science, Kotagiri
- △ Skycampus Season V Faculty Development Programme from 11.5.2020 to 15.5.2020 by ICT Academy.
- △ 6 days Workshop on Fundamentals of Machine Learning (Online Live FDP) from 25.5.2020 to 30.5.2020 by ICT Academy.
- △ National Level Conference -"ICT Academy Bridge-2019 Chennai Edition" at Hotel Le Royal Meridian, Chennai on 31.01.2019
- △ National level workshop on "Outcome Based Education" at Gobi Arts and Science College on 01.12.2018
- △ Attended Oracle Academy 5 days Workshop " Database Design and Programming with SQL" from 08.01.2018 to 12.01.2018 at Sri Krishna College of Engineering and Technology, Coimbatore.
- △ Participated in International conference ISTC 2017 - IBM Solutions Technical Conference on 31.08.2017 at Leela Palace, Bangalore.
- △ National Workshop "Data Center Virtualization Fundamentals" from 30.05.2017 to 01.06.2017 at Sona College of Technology, Salem.

- △ Workshop on "Terracotta Jewellery Making" at Sri GVG Visalakshi College for Women, Udumalpet on 10.03.2016.
- △ National Workshop "Data Analysis in Wireless Sensor Networks – Tools and Techniques" on 28.01.2016 and 29.01.2016 at PSGR Krishnammal College for women, Coimbatore.
- △ National Workshop "Cloud Infrastructure and Services" from 24.02.2015 to 28.02.2015 at Bharathiar University, Coimbatore.
- △ National Workshop "Mobile App Development" from 24.08.2015 to 28.08.2015 at Akshaya College of Engineering and Technology, Coimbatore.
- △ Two days Faculty Development program on "People Empowering People" at Sri GVG Visalakshi College for Women, Udumalpet on 11.12.2014 & 12.12. 2014
- △ International Conference "Cloud and Big data Analytics" on 08.02.2013 at PSG College of Technology, Coimbatore.
- △ UGC National Workshop on "Varieties of Writing in English" at Sri GVG Visalakshi College for Women, Udumalpet on 25.02.2012.
- △ NAAC sponsored national level workshop on "Internal quality assurance system- A tool for measuring excellence", in Sri GVG Visalakshi college for women on 06.02.2012 & 07.02. 2012.
- △ TUV Rheinland Workshop on "Mechanics of Writing a Research Article" at Sri GVG Visalakshi College for Women, Udumalpet on 03.07.2011 & 04.07.2011
- △ Three days Workshop on Faculty Development "Smart Guruz" at Sri GVG Visalaskhi College for Women, Udumalpet from 17.07.2010 to 19.07.2010.
- △ Workshop on "MATLAB Fundamentals and Image Processing Toolbox" at GR Govindarajulu School of Applied Computer Technology, Coimbatore 11.02.2010
- △ International workshop on quantitative analysis in social and business research using SPSS", in Sri GVG Visalakshi college for women, on 08.01.2010.
- △ Two days National workshop on "Effective Classroom Communication and Teaching Skills for College Teachers" at Christ University, Bangalore on 12 .11.2009 & 13 .11.2009.
- △ Workshop on "J2EE and Best Practices in Application Development", Bharathiar University, Coimbatore on 06.09.2009
- △ UGC Sponsored National Conference on "Issues and Trends in Sustainable Toursim" at Sri GVG Visalakshi College for Women, Udumalpet on 21.08.2009.
- △ Three days Personality Development Course held at Temple of Consciousness, Arutpermjothi nagar, Aliyar from 02.09.2007 to 04.09.2007.

- △ Two days Workshop in "Software Testing Training Programme for Computer Science Faculty", at PSGR Krishnammal College for Women, Coimbatore on 17.09.2007 & 18.09. 2007.
- △ One day national seminar on "Multimedia Technologies" at Dr.Mahalingam College of Engineering and Technology, Pollachi on 21.01.2006.

Organised Seminars/Workshops/FDPs:

- △ "Emerging Technology in Computing Immersion", in association with IBM Career Education and Adroit technologies National Lecture workshop on 15th Feb' 2013
- △ "Internet Security: Changes & Challenges", in association with IBM Career Education and Adroit technologies National Workshop on 26th Sep' 2014
- △ "National Robotics Championship- NRC 2013-2014", in association with IIT, Mumbai.
- △ " Ethical Hacking", in association with IIT ,Mumbai two days National Workshop on 15 and 16 Sep, 2016.
- △ Guest Lecture on " IBM Watson and IBM Bluemix" in association with IBM Career Education and Adroit technologies on 26.09.2017
- △ One Day Workshop on ".Net and PHP Programming" in association with IBM Career Education and Adroit technologies on 10.01.2018.
- △ Coordinator for " New India Student Championship 2018 " The largest learnathon (24 Hrs Challenge) organized by ICT Academy and Salesforce-Trailhead on 02.02.2018 and 03.02.2018.
- △ Faculty Development Programme on "Stress Management" in association with ICT Academy, Tamilnadu on 28.12.2018 & 29.12.2018.
- △ Faculty Development Programme on "BLOG creation" for Faculty of Sri GVG Visalakshi College for Womnen on 9.8.2018
- △ Organised "Cloud Literacy Day" in association with Amazon Web Services on 29.10.2018
- △ Organised "Oracle Academy Student Virtual Day" in association with Oracle Academy on 26.02.2018
- △ Organised two days national level workshop on "3D Game Design and Virtual Reality" in collaboration with Robokart, IIT Bombay on 24.9.18 & 25.9.18
- △ Organised NSDC "Skill Saathi -National wide career profiling workshop for students" on 15.02.2019
- △ Organised One Day seminar on "Cyber Security" in collaboration with National Cyber Defense research centre, KIT,Coimbatore on 30.9.2019.

- △ Organised two days national level workshop on "Machine Learning in Python" in collaboration with Robosol and AAKAAR, IIT Bombay on 18.9.19 & 19.9.19
- △ Technical coordinator for the faculty development webinar series to orient the mentee institutions on the revised NAAC accreditation parameters from 3.5.2020 to 9.5.2020 and 18.5.2020 on the Zoom Platform organised by PARAMARSH committee.
- △ Organised two day workshop on "Mobile Phone Security and Troubleshooting" in association with AICTE approved New Technology Mobile Service and Training Institute, Coimbatore on 28.10.2021 and 29.10.2021.
- △ One day Workshop on "Research Article Writing and Publishing" in association with GIET, Odisha on 11.12.2021.
- △ Two Day Workshop on "Smartphone Servicing and Troubleshooting", in association with New Technology Training Institute, Coimbatore on 2.9.2022 to 3.9.2022.
- △ In association with Innovation Cell organised national level Debugging contest " GVG Prime League" on 22.09.2022 and 23.09.2022.
- △ Two Day Workshop on "Android Application Development", in association with New Technology Training Institute, Coimbatore on 7.9.2023 to 8.9.2023.
- △ Two Day Workshop on "Unlocking the secrets of smartphones: Services, troubleshooting and software solutions", in association with New Technology Training Institute, Coimbatore on 12.9.2023 to 13.9.2023.

Invited Talks:

- △ Innovation Ambassador Orientation programme on "Role of NEP in making Entrepreneurs of Tomorrow" for the faculty and students of Computer Science Department, Sri GVG Visalakshi College for Women on 20.0.2022.
- △ Guest Lecture on "Quality Indicator Framework - Student Support and Progression" on 16.3.21 in Google Meet for the Faculty members of UGC PARAMARSH Mentee Institutions.
- △ Guest Lecture on "Applications of ICT Tools" on 17.12.20 in Google Meet for the Faculty members of UGC PARAMARSH Mentee Institutions.
- △ Resource person for the inauguration of PG Department of Computer Science at Vidyasagar College of Arts and Science, Udumalpet and addressed the gathering on "Cloud Computing - Microsoft Azure " on 21.09.2017.
- △ Provided Hands on training to Faculty members of Computer Science, Information Technology, Computer Applications, Commerce(SF), Ecommerce, BBA(CA),

Commerce(CA), Mathematics(SF) and Statistics on "Salesforce - Trailhead Online Course" on 02.11.2017.

- Δ Provided 60 Hours training programme on Oracle Academy Online Course "Database Design and SQL Programming" to 100 students of Computer Science(UG & PG), Information Technology and Computer Applications.

Other Academic Services:

- Δ Placement Member- 2006 to 2008.
- Δ RRC member -2007
- Δ College Union member 2008
- Δ College Examination Committee member -2009
- Δ Served as Volunteer in the Free Eye Camp Conducted by Rotary Club of Udumalpet at Rotary Matriculation School on 23.08.2008.
- Δ Board of Studies Chairman from 2009 to till date.
- Δ Academic Council Member from 2009 to till date.
- Δ Computer Club Convenor 2009 to 2011
- Δ IBM Career Education Coordinator from 2011 to 2019.
- Δ Board of Studies member for B.Sc. IT at Sree Saraswathi Thyagaraja College,Pollachi for a period of 2016 to 2018.
- Δ College Curriculum Committee Member from 2016 to 2020.
- Δ ICTACT Coordinator from 2017 to 2019.
- Δ NAAC 3rd Cycle Documentation Uploading Committee
- Δ College Examination Committee Convenor-2020
- Δ UGC PARAMARSH Member - 2019 to till date
- Δ IQAC Member - 2019 to till date
- Δ Planning and Evaluation Committee Member – 2021
- Δ Curriculum Development Cell Member- 2022
- Δ Staff Club Member -2022
- Δ Admission Committee Member-2023
- Δ NAAC 5th Cycle Criterion 7 Convenor -2024
