

Name : Mrs. Bharathi Anbarasan
Designation : Assistant Professor (SG)
Department : Mathematics
Qualification : M.C.A., M. Phil., UGC CBSE-NET
Experience : Teaching: 22 Years
Area of Specialization(s) : Data Communication and Networking
Email (Official ID) : bharathianbarasan@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M. Phil.	Computer Science	PSG College of Arts and Science, Coimbatore	2004
M. C. A.	Computer Applications	Sri Saradha Niketan College for Women, Karur	1994
B. Sc.	Computer Science	Sri Saradha Niketan College for Women, Karur	1991

Additional Qualifications

Diploma/Vocational/Certification	Area of Specialization	Institution / University/Agency Name	Year
NET	Computer Science	UGC - CBSE	2014
NPTEL	Cloud Computing	IIT Kanpur	2017
NPTEL	Computer Networks and Internet Protocol	IIT Kanpur	2018
NPTEL	Introduction to Programming in C	IIT Kanpur	2019
NPTEL	Programming in Java	IIT Kharagpur	2020
NPTEL	Data Mining	IIT Kharagpur	2022

Patents

Dr. G. Vennira Selvi, S. Prabavathy, R. Felista Sugirtha Lizy, Bharathi Anbarasan, G. Jeya Sutha Perciya, P. Roselin, A. Sahaya Arthy, **Construction of App Using Augmented Reality and Virtual Reality- BluePrint**, Indian Patent, Published 10-Dec-2021, The Patent Office Journal No. 50/2021 pp 59938

Research Publications (Indexed)

International:

Bharathi Anbarasan, **3D Holograms-Projections of the Future**, Journal of Emerging Technologies and Innovative Research, Vol 6, Issue 6, June 2019, ISSN: 2349-5162 (Indexed in UGC).

Bharathi Anbarasan, **A Survey on Detecting Software Clones in Web Pages for Code Privacy**, International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 5, Issue 9, September 2015, ISSN: 2277 128X (Indexed in UGC)

Other Publications: International / National Journals

Bharathi Anbarasan, **Zero Trust Security – A Trustworthy Security Model**, Digital Information Security and Computing Technologies 2022 International Conference Chapter Edited Book Vol. 1, Apr 2022, ISBN 978-93-5620-321-1

Bharathi Anbarasan, **Internet Designing for Mobiles**, International Journal of Functional Management, Vol. 5, Issue. 2, June 2013, ISSN NO 2319-1406

Bharathi Anbarasan, **Using the Computer Brain Cognitive Computing**, International Conference of Department of Computer Applications, Dr. N.G.P Arts and Science College, Coimbatore

Bharathi Anbarasan, **Big Leap with Big Data**, International Conference on Information and Image Processing, Sankara College of Arts and Science, Coimbatore

Consultancy

Nature of Consultancy	Client	Amount	Completion Status
Technical Consultancy	TMS Systems, Coimbatore	Rs. 1000 per annum	Completed

Presentations in Conference

Zero Trust Security – A Trustworthy Security Model, Two days International Conference on “Digital Information Security and Computing Technologies” in Collaboration with Lincoln University Malaysia Organized by Sankara College of Science and Commerce, Coimbatore on 09.Apr.2022

Rainwater Harvesting Information Technology Trends, 7th National Conference on “Recent Trends and Advances in the Field of Information Technology,” Karpagam Academy of Higher Education, Coimbatore, 27-Sep-2019.

Automatic Subject Allocation through Knowledge Discovery Databases (KDD), National Conference on Emerging Research Trends in Computer Science and Technology, SNMV College of Arts and Sciences, Coimbatore, 01-Feb-2019

Data Science, Big Data and Data Analytics Techniques: A Comparative Study Along with Its Applications. National Conference on Emerging Trends in Big Data Technologies and Research Issues, Dr. N.G.P Arts and Science College, Coimbatore, 24-Feb-17.

The Internet of Things – the Thing to Watch, National Conference, PSG College of Arts and Science, Coimbatore, 24-Feb-17

Technology Trends for Improved E-governance, National Conference, PSGR Krishnammal College for Women, Coimbatore, 05-Feb-16.

Intelligent Tools for Business Analysis, National Level Conference on Information and Image Processing, Sankara College of Arts and Science College, Coimbatore, Feb-15

Designing the Mobile Web, National Conference on Web Science and Technology (NCWST-2012), PSG College of Arts and Science, Coimbatore, Oct 12

Cloud Computing – Clearing the Cloud, National Conference on Innovations in Communicative World (NCICW '12), Dr. NGP Arts and Science College, Coimbatore, Sep-2012

Technology Trends for Improved Business Intelligence Performance, International Conference on Ongoing Research in Management & IT (INCON VI 2011), ASM's IBMR, Pune, Mar-2011

Participation in Conference

International:

Digital Information Security and Computing Technologies, Sankara College of Science and Commerce, Coimbatore, 09-Apr-22

Research Trends in Computer Technologies, Dr. NGP Arts and Science College, Coimbatore, Jan-2013

Participation in Seminars

TCP (Twenty-First Century Protocol), National Level Seminar, Cuddalore (TN), 01- Mar-05

Data Analysis with Open Source Software, UGC Human Resource Development Center, Madurai Kamaraj University, Madurai, 21-Aug-21.

Participation in Workshops

Intellectual Property Rights (IPR), National Level Virtual Workshop, CMS College of Science and Commerce, Coimbatore on 04 to 05-Apr-22

NPTEL E-Awareness Workshop, 06-Jan-22

Internet of Things, Center for Research and Development in association with all the Computer Science Departments, CMS College of Science and Commerce, Coimbatore on 5-June-20 to 6-June-20.

Virtual Reality, Center for Research and Development (in association with all the Computer Science Departments), CMS College of Science and Commerce (Autonomous), Coimbatore, 8 -Jun-20.

Artificial Intelligence Revolution, Center for Research and Development (in association with all the Computer Science Departments), CMS College of Science and Commerce, Coimbatore 09-Jun-20.

International World Web Series on LMS: Moodle, Brihaspathi & Sakai, Amazon Web Serviced with EC2 & S3, Transformation Technologies, AI, IoT & Blockchain, 17 to 19 June 2020

Progressive Initiatives of Autonomous Colleges towards Excellence in Global Education, PSG College of Arts and Science, Coimbatore.

Research and Related Tools, Virtual Workshop, Center for Research and Development, CMS College of Science and Commerce, Coimbatore, 16 to 17-April-21.

Data Visualization with Tableau, Dr. N.G.P. Arts and Science College, Coimbatore, 07 to 08-Aug-17

MATLAB for Solving Research Problems, Dr. N.G.P. Arts and Science College, Coimbatore, 31-Jul-17

Cyber Security Trends and Its Challenges in 2013, Hindusthan College of Engineering and Technology, Coimbatore, 02- Feb-13

Participation in Faculty Development Programme

Block Chain Technology – Applications, Issues and Challenges, Five Days Faculty Development Programme, Department of Computer Science and Engineering, Sri Venkateshwara College of Engineering and Technology, Chittoor, Andhra Pradesh, 18-Apr-2022 to 22-Apr-2022

Data Mining, NPTEL-AICTE IIT Kharagpur Faculty Development Programme, AICTE, Mar-April 2022

Funded Research Project Proposal Preparation and Submission Protocol, National Level Virtual Faculty Development Programme, CMS College of Science and Commerce, Coimbatore, 31-Mar-22

OBE Road Ahead To Advance Educational Quality and Enhance Global Mobility, Seven Day Faculty Development Programme, IQAC and CDC, Kongunadu Arts and Science College, Coimbatore, 10-Nov-21 to 17-Nov-21

How to Open Trading & Demat Account, Department of Commerce for Faculty Development, Dr. N. G. P. Arts and Science College, Coimbatore, 07-Oct-21.

Online Faculty Development Programme on Research Methodology and Pedagogy for Tertiary Education, Dr. N. G. P. Arts and Science College, Coimbatore, 21 to 25-June-21.

Intelligent Systems, PG and Research Department of Computer Science, Bharathiar University Arts and Science College, Modakkurichi, 24 to 26-Aug-20.

Programming in JAVA, IIT Kharagpur NPTEL-AICTE Faculty Development Programme, AICTE, Jul-Sep 2020

Introduction to Programming in C, NPTEL-AICTE Faculty Development Programme, AICTE, Jul-Sep 2019

NAAC Revised Accreditation Framework and OBE Assessment Methodology, Dr. N. G. P. Arts and Science College, Coimbatore, 27-May-19 to 02-Jun-19

Quality Measures in Higher Education. Dr. N.G.P. Arts and Science College, Coimbatore, 03 to 09-Dec-18.

Big Data Analytics, PSG College of Arts and Science, Coimbatore, 09 to 10-Sep-16.

Cloud Infrastructure and Services, Avinashilingam University and ICT ACT, Coimbatore, 28 Apr-14 to 03-May-14

Conference / Seminar / Workshop Organized

Organizing Member, Webinar, by Dr. Vijay Karthik, Professor and Head, Dept of Information Science, Visveswaraya Institute of Science and Technology, Bangalore on the topic “IoT and its Applications in Real World,” 20-Sep-2021

Organizing Member, Second International Conference on Research Trends in Computing Technologies (ICRTCT – 2020), Dr. N. G. P. Arts and Science College, Coimbatore, 28-29-Feb-2020.

Organizing Member, National Seminar on the Future Artificial Intelligence and Machine Learning Tools and its Applications for Dural Healthcare: A New Paradigm, Dr. N. G. P. Arts and Science College, Coimbatore, 14-Feb-2020

Organizing Secretary, National Level Seminar, Crystallizing Trends in IT-2012, Sankara College of Arts and Science, Coimbatore, 1-Nov-12.

Member in BoS

Subject Expert Member, CMS College of Science and Commerce, Coimbatore, 2020-2021 (both odd and even semesters)

Subject Expert Member, CMS College of Science and Commerce, Coimbatore, 2021-2022 (both odd and even semesters)

Awards Received

Awards / Honors	Agency / Institute	Year of Award
Best Teacher for Contribution to Academic Achievement	Dr. N. G. P. Arts and Science College, Coimbatore	2019-20