

**Name** : M Nagarani

**Designation** : Assistant Professor

**Department** : Computer Science with Cyber Security

**Qualification** : M.Sc, Ph.D (Pursuing)

**Experience** : Teaching – 0 |Research-3 Years| other than teaching:10 years

**Specialization:** Programming, Computer Networks, Network Security, Wireless Networks

**Email(Official):** nagarani.m@drngpasc.ac.in



### Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Dr. N.G.P. Arts and Science College	Pursuing
M.Sc	Information Technology	KSG College of Arts and Science	2016
B.Sc	Information Technology	KSG College of Arts and Science	2014

### Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / Agency Name	Year
Certificate	Advanced R Programming for Data Analytics in Business	NPTEL	2024
Certificate	Blockchain and its Applications	NPTEL	2024
Certificate	Introduction To Open shift Applications	Red Hat Academy	2024

### Research Publications

1. M Nagarani, Dr A Nirmala, **A Complete Study on Security in Blockchain Enabled Network Applications**, International Journal of Blockchains and Cryptocurrencies, Inderscience Publishers, Vol 5,No 3, December 2024,ISSN: 2516-6425, (Indexed in cnpLINKer (CNPIEC),Google Scholar).

2. M Nagarani, Dr A Nirmala, **Survey on Blockchain Applications, Features and Challenges**, International Journal of for Research in Engineering Application & Management, Vol 9, No 10, January 2024, ISSN : 2454-9150, (Indexed in UGC)

#### **Books/ Book Chapters Publication**

1. **Futuristic Trends in Artificial Intelligence:** Fusion of Artificial Intelligence in Blockchain, Iterative International Publishers (IIP). Volume 3, Book 1, Chapter 6, April 2024. ISBN: 978-93-6252-208-5.
2. **Recent Trends in the Field of Computer Science and Information Technology:** Blockchain Evolution: Consensus Mechanisms and Security Concerns, M Nagarani, A Nirmala, Charulatha Publications, Dec 2023, ISBN:-978-93-5577-685-3.

#### **Presentations in Conference/ Seminar**

1. **Survey on Blockchain Applications, Features and Challenges**, International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K24) Dr.N.G.P Arts and Science College, 04-Jan-2024.
2. **A Systematic Survey on Blockchain–Applications, Characteristics and Challenges**, International Conference on Challenges and Solutions in Data Science (ICCSDS23), Navarasam Arts and Science College, Coimbatore, 21-Feb-2023.

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

1. Five days online training Programme on **Innovative Trends In Artificial Intelligence for Teaching and research**, GRG Institutions Coimbatore, 27-Jan-2025 to 31-Jan-2025.
2. Five days virtual training Programme on **Building web development solutions with cloud computing**, Edunet Foundations, 02-Sep-2024 to 06-Sep-2024.
3. Five days online training Programme on **AI ML for GEO data analysis**, ISRO, 19-Aug-2024 to 23-Aug- 2024.
4. One week online training Programme on **Python and Artificial Intelligence**, Devtown, 14-Nov-2023- to 20-Nov2023.
5. One Week online Internship in **Fullstack Development**, Marcello Tech, Trichy, 21-Sep-2023-27-Sep-2023.

6. One Week online Internship in Programme on **C and C++ Programming**, Marcello Tech, Trichy, 30-Aug-2023 to 5-Sep-2023.
7. One week online training Programme on **Learn Everything about AI-Bootcamp**, Devtown, 24-Apr-2023 to 30-Apr-2023.
8. Two days online hands on training on **Android Application Development**, PHN Technology Pvt Ltd, 18-Mar-2023-19-Mar-2023.
9. One week virtual training programme on **Machine Learning and Data Science with Python**, PHN Technology Pvt Ltd, 25-Mar-2023 to 1-Apr-2023.
10. One day Virtual International Seminar on **Advanced Computing Technologies**, Madurai Sivakasi Nadars Pioneer Meenakshi Women's College, Poovanthi, 06-May-2022.
11. Three days seminar on Women mental health in the time of COVID19 National Institute of Disaster Management and PSG-WDC, 15-Mar-2022 to 17-Mar-2022.
12. One Bootcamp on **Web scarping and Automation using python** Shape AI, Microsoft learn student ambassador, 06-Oct-2021to 12-Oct-2021.
13. One week seminar on boot camp on **Java script and React JS**, Shape AI, Microsoft learn student ambassador 15-June-2021 to 21 June-2021.
14. One week seminar on boot camp on **Python and Machine Learning**, ShapeAI, Developer student Club, 25-May-2021-31-May-2021.
15. Five days Online noncredit course on **Python Programming for anybody**, Sri Ramakrishna Engineering College, 12-May-.2021 to 13-May-2021.
16. Three days FDP on **Mobile Application and Development**, MAEER'S MIT Polytechnic and MIT –WPU School of Polytechnic and Skill Development, Pune, 21-Jan-2021 to 23-Jan-2021.

#### **Participation in Faculty Development Programme**

1. One week Faculty Development Programme on **Artificial Intelligence & IoT in Industry 5.0 shaping the future of smarter industries**, AICTE ATAL Academy, 03-Feb-.2025-08-Feb-2025.
2. One Week Online International FDP on Next Generation Computing : **Key Trends, Challenges and Opportunities**, Department of Computer Science & Applications (MCA), SRM Institute of Science & Technology, Ramapuram, 18-Apr-2022 to 23-Apr-2022.

3. Five days Faculty Development Programme **Big Data Security and Analytics**, AICTE ATAL, 06-Dec-2021 to 10-Dec.2021.
4. Six days STTP on **Role of Teacher in creating Effective Learning**, AICTE, 25-Oct-2021 to 30-Oct-2021.
5. Five days Faculty Development Programme **Internet of Thing in 5G Wireless Communication**, AICTE ATAL, 06-Sep-2021 to 10-Sep-2021.
6. Five days Faculty Development Programme **Cyber Security**, AICTE ATAL, 04-Oct-2021-08-Oct-2021.
7. Five days Faculty Development Programme **AR & VR**, AICTE ATAL, 20-July-.2021 to 24- July-2021.
8. Five days Online Faculty Development Programme on **Artificial Intelligence**, AICTE ATAL, 18-Jan-2021 to 22-Jan-2021.
9. Five days Online Faculty Development Programme on **3D Printing & Design**, AICTE ATAL, 14-Dec-2020 to 18-Dec-.2020.
10. Five days Online Faculty Development Programme on **Internet of Things**, AICTE ATAL, 07-Dec-2020 to 11-Dec-.2020.

### Participation in Workshop

1. Participated one day online Programme in **How to write a research Proposal**, 08-Nov-2024.
2. Participated one day hands on workshop in **Computer Hardware and Software Maintenance**, PSG Polytechnic College Staff Development Committee, Coimbatore, 05-Sep-2024.
3. Participated offline Programme in **Life Stages in Nutrition and Diets**, PSG Polytechnic College Staff Development Committee, Coimbatore, 02-Mar-2024.
4. Participated one day hands on Training in **Impact AI Tools in Research and Academic**, PSG CARE, Coimbatore, 16-Nov-2023.
5. Participated one day hands on workshop in **Designing Database using Ms-Access**, PSG Polytechnic College, Coimbatore, 12-Aug-2023.
6. Attended one day training programme **Communication Skills**, PSG Polytechnic College Staff Development Committee, Coimbatore, 28-Mar-2023.

7. Attended One day training programme on **Machine Learning (ML)-2023**, PSG College of Arts and Science, PSG CARE, Coimbatore, 23-Jan-2023.
8. Participated one day training programme on **Cyber Crime against women and its relevant legal aspects**, PSG Polytechnic College Women in Development Cell, 25-Jan-2022
9. Attended a one day **Training Session on Microsoft Office**, PSG Center for research and Excellence, 13-Nov-2021.
10. Participated one day training programme on **Interpersonal Problems and Anger Management**, PSG Polytechnic College CIICP-SDC, 23-Oct-2021.
11. Participated one day training programme on **Statistical Tools for Research**, PSG Center for research and Excellence, 28-Aug-2021.