



**Designation: Associate Professor
Manakula Vinayagar Institute of
Technology, Madagadipet,
Puducherry, Pin code – 605 107.
E mail: poonguleecse@mvit.edu.in
Phone:
Mobile: 9487062008**

Dr. N. POONGUZHALI

Professional Objective:

Desire a challenging position by matching potential and skills in academic and research oriented activities and adding value to the reputation and growth of the Institution by captivating responsibilities to accomplish the common objectives.

Career profile:

A highly dynamic and goal oriented professional with a Computer Science background, having more than a decade of experience in teaching and 5 years research experience. Having a keen interest in research and analytical ability, presently working with real-time application in association with reputed Laboratories.

Educational qualification:

Degree	Institution	University	Specialization	Year of Passing	Class/ CGPA
Ph.D	Pondicherry Engineering College	Pondicherry University	Image Processing (Biometrics)	March 2016	-
M.Tech	Pondicherry Engineering College	Pondicherry University	Distributed Computing System	2009	8.58 /10.0 CGPA
MCA	Pondicherry Engineering College	Pondicherry University	Computer Science	1999	6.68 /10.0 CGPA
BCS	Barathaidasan Govt. College for Women	Pondicherry University	Corporate Secretary ship	1996	I

Work experience: (starting from present position)

S. No	Employer	Designation	Period of Service	Nature of Work
1	Pondicherry University	Guest Faculty	2000-2007	Teaching
2	Manakula Vinayagar Institute of Technology	Assistant Professor	June 2009- Dec 2011	Teaching
3	Pondicherry Engineering College	Research Scholar	Dec 2011- April 2016	Research
4	Manakula Vinayagar Institute of Technology	Associate Professor	May 2016- to till date	Teaching

Teaching Activities: (Subjects Taught)

(i) Under Graduate :

- 1. Web Technology**
- 2. Operating systems**
- 3. Data Structures**
- 4. Computer Networks**
- 5. Computer Programming**
- 6. Software Engineering**
- 7. Grid Computing**
- 8. Software Testing and Quality Assurance**
- 9. Database Management System**

(ii) Post Graduate : -

(ii) Laboratories handled:

- 1. Web Technology Lab**
- 2. Operating systems Lab**
- 3. Data Structures Lab**
- 4. Computer Networks Lab**
- 5. Computer Programming Lab**
- 6. Database Management System Lab**

Consultancy and Sponsored Research activities :

Name of the Scheme	Project Title	Duration	Amount Sanctioned	Status Completed /* Ongoing
AICTE - SDP	Recent Challenges and issues on Data Science and Big Data Analytics	Two Weeks	-	Submitted
Seminar Grants	Big Data Analysis for Biomedical Engineering	Two days	-	Submitted

Major tasks handled:

- Headed the Department of Computer Science and Engineering for a period of two years (2009-2011) at Manakula Vinayagar Institute of Technology, Puducherry.
- First year Co-ordinator since July 2017.
- Involved in planning and development of Computer Laboratories, Hardware and Troubleshooting Laboratories.
- Organized and coordinated Technical Symposiums MITILENCE, Science Day (SCIMIT) and Conference (ICSCAN).
- Coordinated various value added course
- Organized and coordinated Cloud computing contest 2017.
- Coordinated technical activities such as Codevita, Testimony, Learnathon.
- Organized and coordinated Seminars and various technical activities.
- Coordinated various activities relating to the affiliation of the department and College.
- CSI student branch coordinator for a period of two years since 2009-2011.
- Being a result oriented professional above 95 percentage pass in all the subjects taught by the undersigned.
- As a part of career development attended several staff development program, conferences and workshops at various institutions.
- Delivered special lectures on cloud computing, Big Data, artificial neural networks techniques, biometrics, multibiometric and various other topics.

- Coordinated Sigarathai Nokki career guidance and motivation program for +2 students at Cuddalore, in the year 2017and 2018.
- Coordinated Women’s Day for the 2017and 2018.
- Organized various industrial visit and inplant training for the students
- Department NBA coordinator
- Department Project Coordinator
- Department GATE Coordinator for the year 2016-17.
- GATE Exam Coordinator for the year 2017-18
- QAC Committee member
- Student Counselor
- Women Empowerment Cell Coordinator
- Indian Women Network Member
- Class Advisor
- Admission Committee Member
- Smart India Hackathon 2017 Mentor for Tecnogirls team (Ministry of Steels).
- Smart India Hackathon 2018 Mentor for Flash@7 team (Ministry of Food)

Paper Publications / Presentation:

	Published	Accepted	Communicated	Total
International Journal	11	-	-	11
National Journal	-	-	-	-
International Conference	9	2	-	11
National Conference	-	-	-	-
Book Chapter	2	-	-	2

FDP/STTP/Workshops attended:

1. One Day Workshop on “How to Prepare Proposals and apply for Funding” by Dr. K. Parthasarthy, Professor, Dept. of EEE, KLN College of Engineering, Madurai, on 3rd June 2016.
2. One Day Workshop on “NBA Guidelines” by Dr. Alagumurthi, Professor, Dept. of Mechanical Engineering, Pondicherry Engineering College, on 04th June 2016.
3. Two Days Workshop on “Mobile Application Development” by Mr. Shanmuganathan from ICTACT at MVIT – IT Computer Center on 29th -30th June 2016.
4. One Day Workshop on “Parallel computing with GPUs”, at Pondicherry Engineering College in June 2016.
5. One Day Workshop on” CII – Women Harrasment” at Hotel Athithi, Puducherry on 14th July 2016.
6. One week workshop on “Cloud Infrastructure Service” by ICTACT at SMVEC from 8th to 12th November 2016.
7. One day International Workshop on "Optimization Techniques in Decision Support Systems and IoT" at VIT, Chennai Campus on 16-12-2016.
8. One week workshop on “Hadoop (Hortonworks)” by ICTACT at MVIT from 7th to 11th August 2017.
9. Two Days AICTE sponsored national workshop on “R and Data Mining” at Pondicherry Engineering College on 4th and 5th October 2017.
10. One day FDP on “Current Trends in IT” on 30th May 2017 at TCS Campus, Chennai.
11. One day workshop on AWS Educate refresher course by ICTACT at Chennai.
12. One week short term training programme on “Contemporary world of Electricity – Solar Energy” by ISTE at MVIT from 27th – 1st Dec 2017.
13. International certification in Cloud Infrastructure and Services by EMC2.
14. One Week workshop on “Embedded IoT and IoE” at MVIT from 11th to 15th Dec 2017.
15. One Week AICTE-ISTE Refresher programme on “Smart Grid, IoT, Green computing – The future of energy intelligence” from 16th to 21st July 2018.

**(For details of publications and training programmes attended
Annexure to be added)**

Reviewer for the journals:

1. ICIA 2016
2. IGI Global Emerging Technologies in Intelligent Applications for Image and Video Processing

Project Guidance :

1. Mobile Energy Sharing Networks: Performance Analysis and Optimization
2. Brain Tumor Image segmentation using CNN
3. Stellar- A digitized platform for handling transfer/test certificate in steel industry.
4. Information retrieval system based on chronological order
5. Image processing preservation for indentifying sensitive objects using deep multitask learning
6. E-learning specifically for programming languages
7. Online banking system
8. Mehela: Women safety system
9. Automation of Electricity Bill Generation

Guest Lectures delivered:

1. One Day Workshop on "LATEX Software" for CSE, IT and Mathematics faculty members on 21st June 2016.
2. Delivered lecture on "Wearable sensor and e-health" ICMR sponsored seminar on "Advanced Technology in Healthcare: Prospects and Challenges" at MVIT
3. Delivered special lecture on " E-commerce and challenges" at RAAK Engineering College
4. One day workshop on R language on 20th Jan 2018 at MVIT.
5. Hands-on session on MATLAB with image processing on 15th Feb at MVIT.

Professional Membership:

1. Life Member of Computer Society of India (CSI)
2. Life Member of Indian Society for Technical Education (MISTE)
3. Member IEEE