Dr. AparnaVaidyanathan

Present position

- **Assistant Professor**

Contact Details (Mention e-mail) – fergusson.edu or despune.org

📞 **020-67656620**

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🔗 **linkedin.com/in/aparna-vaidyanathan-21ab62a5**

Work Experience

- **Teaching: 23 years**
- **Research/Industrial: 2 years**

Personal Profile

I have extensive academic and industry exposure with teaching skills developed because of over 25 years of experience in teaching computer science-related subjects and concepts to both under-graduate and post-graduate students. The experience of corporate training and academics enriched the skill of teaching methods and innovation. The excellent communication and the thrust to learn new methodologies and approach to keep up the pace of the industry made me to contribute to new innovations and research.

Course(s) Taught (Only Titles)

C, C++, PHP, DBMS, R programming, Data Mining and Data Warehousing, Business Intelligence, Software Engineering, Software Project Management, Machine Learning, Business Analytics and Data Science. (PG and UG level)

Field of Specialization/Areas of Interests

Data Analytics
Predictive Modelling
Machine Learning
Data Preparation
Data Mining and Data Warehousing
Soft Computing Techniques
Artificial Intelligence
Software Project Management
Analytical Simulation Modelling using VR techniques.
Natural language processing

Education

- **Ph.D. – (Computer Science) :** from 2019 to 2022
  Title of the Thesis:
  Name of University / Institution: Avinashilingam University
  Year of Award 2022

- **Master of Science/Arts- (subject name)**: 1996
  Avinashilingam University Coimbatore

- **Bachelor of Science- (subject name):** 1994
  Ramakrishna College of Arts and Science, Coimbatore.

Fellowship/Awards/ Certifications/Achievements/Recognitions

1. Received "Appreciation letter" for implementing "Mentor App" for Fergusson College 2022.
2. Received Best Teacher Award by Fergusson College for the year 2015-2016.
3. Received "Appreciation letter" for implementing Online Feedback system for Fergusson college.
4. Received Excellent Award for "Best Performance" by NIIT Ltd in 1999.
5. Felicitated by Wipro Technologies as a member for highest contributing team for campus drive.
6. Certified IBM Professional in Predictive Analytics Modeler - Mastery Award for Educators   2016 Issuing authority IBM.
7. Certified Microsoft Professional Windows Edition in 1998.

Member of College Committees/ Professional Bodies and Others

College Level	Professional Bodies	Others
- MOOCs Coordinator - Feedback Analysis	BOS Subject Expert in SREE SARASWATHI THYAGARAJA COLLEGE Palani Road, Pollachi – 642107, Coimbatore Dist, Tamilnadu	
- Virtual Reality Lab - Library Committee - Research Review Committee		

Employment History

1) **Organization : NIIT Ltd**
   Role   : Senior Systems Executive
   Duration   : 1997 to 1999

Research Publications in National and International Journals

1. An Overview on Inference Model Application to Detect Juvenile Diabetes in Given Diabetic Patients Data
using Classification Techniques. International Conference on smart technology, Artificial Intelligence and computer engineering held in Pune on 4th October 2020 ISSN No: 2321-2063 **Excellent Paper Award**

2. Machine learning approach to analyze the influence of Juvenile diabetic patients for better Medication. ICRACSIT (International Conference on Recent Advances in Computer Science and Information Technology
2017-18) ISSN No: 2321 –9009 **Excellent Paper Award**

3. Data mining techniques through Genetic Algorithms. eITBM2012. Baramati Conference Proceedings 2013-14. **Excellent Paper Award**.

4. Intelligent Web Crawlers using Genetic algorithms for Educational Institutions. eITBM2012. Baramati Conference Proceedings 2012-13

5. Web Personalization in Universities. Conference Proceedings 2010-11. CSI Chapter Ahmedabad.

Consultancy Services / Corporate Training Conducted.

1. T-SQL Training sessions for the employees at EXCELLON SOFTWARE LTD Pune- 2018.
2. Data Warehousing Sessions for Tech Mahindra Pvt Ltd Pune Employees as a part of BITS
collaborative MS Software Engineering programme.2015.
3. Data Warehousing Sessions for Persistent Pvt Ltd Pune Employees as a part of BITS
collaborative MS Software Engineering programme.2015.
4. Data Warehousing Sessions for Tech Mahindra Pvt Ltd Employees as a part of BITS
collaborative MS Software Engineering programme.2014.
5. Data Base Management System for Infosys Ltd Pune Employees as a part of BITS collaborative
MS Software Engineering programme.2014.
6. Data Warehousing Sessions for Tech Mahindra Pvt Ltd Employees as a part of BITS
collaborative MS Software Engineering programme.2013.
7. Object Oriented Programming Sessions for Persistent Pvt Ltd Pune Employees as a part of BITS
collaborative MS Software Engineering programme.2013.
8. Object Oriented Programming Sessions for Tech Mahindra Pvt Ltd Pune Employees as a part of
BITS collaborative MS Software Engineering programme.2013.
9. Conducted Lecturer Series in National Insurance Academy for Computation and Simulation.
10. Conducted Lecturer Series in National Insurance Academy for Computation and Simulation.
11. Conducted "Cyber Crime Awareness Programme" through Rotary club Pune 2010.
12. Conducted Personality Development Programme for Pune Police in 2010.

Other Accomplishment

Other Accomplishment:

1. Worked as a Chairman and Paper-setter in various examination committee of Pune University.
2. Member, Board of Studies in Computer Science.
3. Worked as a Member Secretary in Internal Quality Assurance Cell- College Level.
4. Currently a member of NAAC Internal Committee (Institutional Level).
5. Worked as a Subject Expert Computer Science in Various Academic Panels.
6. Invited as a Subject Expert Nominee and Pune University Vice-Chancellor nominee in University Selection Committee.
7. Worked as a Subject Expert in Curriculum Revision Committee , Computer Science.
8. As an academician participated in various conferences, workshops and Seminars for subject enhancement.
9. Invited Speaker in UGC sponsored one day workshop MOOCS promotion on Autonomous Colleges - An Institutional Perspective in Pune March 2019.
10. Invited Speaker on Implementation of MOOCs Swayam in D.Y. Patil Pharmaceutical College, Pune in June 2019.
11. Appointed as UGC MOOCs SWAYAM Mentor Fergusson College.
12. Invited speaker to deliver lectures on Computation and Simulations in National Insurance Academy, Pune.
13. Conducted Cyber Crime Awareness Programme in Rotary Club, Pune.
14. Conducted Personality development Programme for Pune Police 2010.