



**I.VARALAKSHMI**

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**Manakula Vinayagar Institute of**  
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**Professional Objective:**

A challenging career opportunity which would help me to utilize my academic background to assist me to gain experience, employ my excellent interpersonal skills, and enable me to make positive contribution.

**Career profile:**

An innovative and knowledgeable professional having 6 years of experience as a Assistant professor. Proficient in developing new lessons and activities to expand learning opportunities. Extensive participation on committees and extra-curricular activities. Excellent knowledge of the subject and also has great practical knowledge. Proficient in giving conceptual knowledge

**Educational qualification:**

M.Tech(CSE) : Sri Manakula Vinayagar Engineering College, Puducherry

B.Tech(IT) : I.F.E.T college of Engineering, Villupuram

DCE(CSE) : Women's Polytechnic College, Lawspet

**Work experience: (starting from present position)**

S.No	Employer	Designation	Period of Service	Nature of Work
1	Manakula Vinayagar Institute of Technology	Assistant Professor	6years	Teaching

**Teaching Activities: (Subjects Taught)**

**(i) Under Graduate :** Computer Networks, Object Oriented Analysis and Design, Object Oriented Programming Language, Software Engineering, High Speed Networks, High Performance Computing, Design and Analysis of Algorithm, Artificial Intelligence, Web Technology

**(ii) Post Graduate : NIL**

**(iii) Laboratories handled:** Computer Networks Lab, Artificial Intelligence Lab, Web Technology Lab, OOPS lab, Advanced Computing Lab

**Consultancy and Sponsored Research activities :**

Name of the Scheme	Project Title	Duration	Amount Sanctioned	Status Completed/* Ongoing
	NIL			

**Major tasks handled:**

1. Handling value added course "PYTHON" for the CSE students.
2. Conducted Two weeks workshop on "Data Science and Big data Analytics" and trained them to complete certification.
3. Completed OCJP certification on JAVA SE7
4. Completed EMC<sup>2</sup> certification on "Data Science and Big data analytics"

**Paper Publications / Presentation:**

	Published	Accepted	Communicated	Total
International Journal	8			8
National Journal	NIL			
International Conference	6			6
National Conference	NIL			

**FDP/STTP/Workshops attended:**

S. No	Type of the Programme	Organized by	Period (From – To)
1	IBM Workshop on “ Cloud Computing”	MIT,Chennai	12 March 2012
2	National Seminar on “Swarm Intelligence”	MVIT Puducherry	24-25 June 2011
3	National Workshop on “ Visual Programming & .Net”	Mailam Engineering college	19 March 2011

4	Workshop on “National Programme on Technology Enhanced learning”	MVIT Puducherry	21 November 2012
5	National Seminar on “Current Scenario :Open Source Technologies”	MVIT Puducherry	17-18 April 2013
6	FDP on “Recent Advances in Artificial Neural Networks”	MVIT Puducherry	22-April 2013 - 03- May 2013
7	National Level ISTE Sponsored One day Workshop on “Research And Developments in Engineering Institutions”	MVIT Puducherry	13th September 2014
8	1 week FDP on “Cloud computing”	MVIT /ICTACT, Puducherry	8-17 <sup>th</sup> JUNE 2015
9	Three days FDP on “Life Skills”	ICTACT, Puducherry	02-06 NOV 2015
10	Five days FDP on “Web Designing and Scripting Using JavaScript and DHTML”	MVIT /ICTACT, Puducherry	24-28 Nov 2015
11	Five days FDP on “Data Science & Big Data Analytics”	ICTACT, Puducherry	30 <sup>th</sup> Nov to 04 <sup>th</sup> Dec 2015
12	Five Days FDP on “Embedded IOT & IOE”	MVIT Puducherry	11 <sup>th</sup> Dec to 15 <sup>th</sup> Dec 2017

**Reviewer for the journals:**

**Research guidance: NIL**

**Project Guidance :**

1. PVM security tool – for intrusion detection & prevention using anomaly behavior
2. Real Time Data Accumulation And Updating By Integrating LinkedIn Database Clustering Uncertain Events Using Artificial Intelligence .
3. Detection of Botnet using Iterative filtering Algorithm in mobile Adhoc Network.
4. Privacy Preserving Data Analysis Technique
5. BOTNET detection using iterative filtering algorithm in mobile Adhoc network
6. oPass: A User Authentication Protocol Resistant to Password Stealing and Password
7. Reuse Attacks Using Hash
8. Detection of vulnerabilities occurred in websites and its possible attacks

**Guest Lectures delivered: NIL**

**Professional Membership:**

*Member in IAENG*