



P.MATHIVANAN

ASSISTANT PROFESSOR
Manakula Vinayagar Institute of
Technology, Madagadipet,
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Professional Objective:

To introduce and implement innovative new ideas that will produce major changes in our educational system

Career profile:

To utilize my teaching skills towards a challenging career in growth oriented and leading edge that will provide mutual benefits and where from I can utilize my capabilities to the fullest benefits of the organization and society.

Educational qualification:

M.Tech : Information Technology, Sathyabama University, Chennai.

B.Tech : Information Technology, Maharaja Engineering College, Avinashi, Coimbatore.

Work experience: (starting from present position)

S.No	Employer	Designation	Period of Service	Nature of Work
1	Manakula Vinayagar Institute of Technology	Assistant Professor	05.11.2014 to Till Date	
2	Mailam Engineering College	Assistant Professor	30.05.2011 to 04.11.2014 (3 Years, 6 months)	

Teaching Activities: (Subjects Taught)

(i) Under Graduate :

Object Oriented Programming
Web Technology
Operating Systems
Web Service and XML
Java Programming
Computer Networks
Data Warehousing and Data Mining
Service Oriented Architecture

Component Technology
Software Engineering & Quality Assurance
Computer Programming

(ii) Post Graduate: Nil

(iii) Laboratories handled:

Web technology Lab
Operating system Lab
Web Service and XML Lab
Java Lab
Computer Networks Lab
Object Oriented Programming Lab
Computer Programming Lab

Consultancy and Sponsored Research activities: Nil

Major tasks handled:

- Handled Technical sessions on OOPS (C++) concepts and Java Programming for Placement training and for coding contests.
- Handled –Value Added course “Python Programming” for III year EEE Students (E-Programming)
- Class Advisor in the Department of Information Technology.

Staff Participation in Competition:

1. Participated in ICTACT DIGIGURU National Teaching Video Contest 2017 on “Finite Automata” on 31.01.17

Staff Awarded as Mentor:

1. Certified as Mentor in the team Fabulous 6 for participating in Smart India Hackathon 2017, organized by AICTE, Delhi grand Finale held at 30th & 31st March 2017.
2. Certified as Mentor in the team ScarletHeart for participating in Smart India Hackathon 2018, organized by AICTE, Delhi grand Finale held at 30th & 31st March 2018.

Paper Publications / Presentation:

	Published	Accepted	Communicated	Total
International Journal	6	-	-	6
National Journal	-	-	-	-
International Conference	3	-	-	3
National Conference	-	-	-	-

Publication Enclosed:**Research Publication –International/national/ Journals**

1. **P.Mathivanan** “Authentication of smart phone using behavior biometric”, International Journal of Advance Engineering and Research Development (IJAERD), Volume 05, Issue 03, e-ISSN: 2348-4470, p-ISSN: 2348-6406, March 2018.
2. **P.Mathivanan** “Challenges, Research Issues Open and State of Art of Big Data – A Study”, International Journal of Latest Technology in engineering, Management and Applied Science, Volume 6, Issue 12, ISSN: 2278-2540, Dec 2017.
3. **P.Mathivanan** “Graph Processing on a Distributed System for a Massive Scale Using Epicg”, International Innovative Research Journal of Engineering and Technology (IIRJET), Volume 2, ISSN NO: 2456-1983, April 2017.
4. **P.Mathivanan** “An Optimized Support Vector Machine for Classifying opinions in M learning Systems applied to Biotechnology Domain”, Research Journal of Biotechnology, Special Issue - January 2017.
5. **P.Mathivanan** “A Cutting Edge Consistent Scheme For Blind People Interaction Using Android Smartphone”, International Research Journal of Engineering and Technology (IRJET), Volume-3, Issue-3, p-ISSN: 2395-0072., March - 2016.
6. **P.Mathivanan** ‘A Rain Pixel Restoration Algorithm for Videos with Dynamic Scenes’, International Journal of Science, Engineering and Technology Research, vol.4, issue.3, pp.0620.-.0624., March – 2015.

Research Publication –International/National conference

1. **P.Mathivanan** ‘Remote Patient Healthcare System using IoT’, in International Conference on Recent Innovations in Arts, Science and Technology, ICRIAST-2018, at Lord Venkateshwaraa Engineering College, Kancheepuram, 19th March 2018.
2. **P.Mathivanan** ‘Thoughtful Encounters In Mobile Computation Offloading To Cloud Through Research’, in International Conference on Futuristic Trends in Computer Science Engineering & Information Technology (ICFTCS-16), at Thiruvalluvar College of Engineering & Technology, Vandavasi, 23rd and 24th March 2016.
3. **P.Mathivanan** ‘Anomaly Detection Approach for Communication Networks’ in International conference on Futuristic Trends in Computer Science Engineering & Information Technology at Thiruvalluvar College of Engineering and Technology, Vandavasi, Tamilnadu, 7th and 8th March 2015.

FDP/STTP/Workshops attended:

S.No.	Title/Topic	Name of the Event (workshop/seminar)	Organized by (Institution Name)	DATE
1.	Embedded IoT and IoE	Workshop	ABE Semiconductor Designs and Dept of ECE, MVIT	11.12.2017 to 15.12.2017
2.	AWS Academy Cloud Computing Architecture	Workshop	ICTACT, Chennai	20.11.2017 to

				24.11.2017
3.	Hadoop (HORTONWORKS)	FDP	Manakula vinayagar Institute of Technology	07.08.2017 to 11.08.2017
4.	Bigdata Analytics	Workshop	Sri Manakula vinayagar Engineering College	27.04.2017 and 28.04.2017
5.	Photoshop	Workshop	Manakula vinayagar Institute of Technology	05.12.2016 to 12.12.2016
6.	Ethical Hacking	Workshop	Microsoft Research Community Group, Chennai.	31.07.2016
7.	Introduction to Mobile Application Development	FDP	ICTACT, Manakula Vinayagar Institute of Technology	29.06.2016 and 30.06.2016
8.	Programming in PHP	FDP	Manakula vinayagar Institute of Technology	15.06.16 to 17.06.16
9.	Data Science and Big Data Analytics	FDP	ICTACT, Sri Manakula Vinayagar Engineering College	30.11.15 to 04.12.15
10.	Web Designing and Scripting	FDP	ICTACT, Manakula Vinayagar Institute of Technology	24.11.15 to 28.11.15
11.	Advanced Teaching Techniques	FDP	ICTACT, Puducherry	10.06.15 to 12.06.15
12.	Research Issues in Image Processing and Data Mining	Seminar	Manakula Vinayagar Institute of Technology	03.12.2014
13.	Ethical Hacking	Workshop	Computer Society of India	31.03.2012 & 01.04.2012
14.	Instructional Design & Delivery System	FDP	NITTTR at Mailam Engineering College	30.05.2011 to 04.06.2011
15.	Software Testing Techniques	Seminar	Easwari Engineering College	04.11.2011 to 05.11.2011
16.	Web Services and Grid Computing	Workshop	Dhanalakshmi Srinivasan Engineering College	28.08.2012

Reviewer for the journals: NIL

Research guidance: NIL

Project Guidance :

S.NO	UG/PG	Year	Name of the Project guided
1	UG	April 2018	Authentication of smart phone using behavior biometric
2	UG	April 2018	Remote Patient Healthcare System using IoT
3	UG	April 2017	Graph Processing on a Distributed System for a Massive Scale Using Epicg
4	UG	April 2016	A Cutting Edge Consistent Scheme for Blind People Interaction Using Android Smartphone
5	UG	April 2016	Thoughtful Encounters in Mobile Computation Offloading to Cloud through Research
6	UG	April 2014	Identify - Based Secure Distributed Data Storage Schemes
7	UG	April 2013	Exploring Application-Level Semantics for Data Compression

Guest Lectures delivered: NIL

Professional Membership:

1. Life Member Of The Indian Society For Technical Education (ISTE) By Approval Of The Executive Council, An Organization For Promoting The Quality And Standards In Technical Education-2012, **Membership ID: LM 108618.**
2. Member of International Association of Engineers (**IAENG**), **Member No: 156601.**

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