



**A.PUNITHA**

**ASSISTANT PROFESSOR**  
**Manakula Vinayagar Institute of**  
**Technology, Madagadipet,**  
**Puducherry, Pin code – 605 107.**  
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**Professional Objective:**

With my experience and knowledge, I would like to offer quality education to students.

**Career profile:**

To serve as successful teaching professional in our organization that offers to develop my knowledge and contribute for the betterment of the organization.

**Educational qualification:**

Ph.D(Pursuing): Computer Science & Engineering  
Pondicherry Engineering College

M.E./M.Tech : Distributed Computing  
SMVEC, Puducherry

B.E./B/Tech : Distributed Computing  
SMVEC, Puducherry

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

S.No	Employer	Designation	Period of Service	Nature of Work
1.	A.Punitha	Asst.Prof	30.5.2011 to till date(7 years)	

**Teaching Activities: (Subjects Taught)**

**(i) Under Graduate :**

1. Automata language and computation
2. Digital system and design
3. Object oriented design and programming
4. Software quality management
5. Object oriented programming
6. Operating System
7. Intelligent Computing
8. Data Structures & Object Oriented Programming.
9. Theory of Computation
10. Artificial Intelligence
11. System Software
12. Data Structure

**(ii) Post Graduate : NIL**

**(iii) Laboratories handled:**

1. Digital Lab
2. Oops Lab
3. Operating system lab
4. Data structure lab
5. Data structures & oops Lab
6. Computer Networks Lab

**Consultancy and Sponsored Research activities: NIL**

**Major tasks handled:**

**Responsibilities:**

- Conducted Guest Lecture on “Knowledge Representation and Reasoning”, Handled by Dr.Uma, Professor/CSE, Pondicherry University
- Through IWN, Organized the “Awareness program on Eye Care” given by Dr.Vanaja, Jothi Eye Care Center, Puducherry month of July 2016.
- Organized Guest Lecture on “Keep IT up” by Dr.SairamSundaram, Professor/Govt. Polytechnic College on 23rd July 2016.
- Organized Guest Lecture on “Context Free Language and Pushdown Automata” handled by Dr.S.Lakshmanapandian, Professor/PEC on 23<sup>rd</sup> August 2016.

**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 of the team SIRRIUS for participating in Smart India Hackathon 2018, organized by AICTE, Delhi grand Finale held at 30<sup>th</sup> & 31<sup>st</sup> March 2018.

**Paper Publications / Presentation:**

	<b>Published</b>	<b>Accepted</b>	<b>Communicated</b>	<b>Total</b>
International Journal	5			5
National Journal	-			-
International Conference	4			4
National Conference	8			8

**Publication Enclosed:**

**Research Publication: Papers published in International/National Journal:**

1. International Journal Of Power Control Signal And Computation (IJPCSC) On Enhancing Privacy Protection Scheme In RFID Enabled Banknote” Vol.1 No.4, Jan 2011, ISSN: 0976-268X.
2. International journal of Innovative Science, Engineering & Technology (IJSET) Identifying the Intruders Using N-GSH and SRT in Wireless Sensor Network - vol. 1 Issue 2, April 2014.
3. Multi Proxy Re-signature with public auditing of shared cloud data for user revocation, National Conference on Recent Trends in Computer Technology (NCRTCT’16), March-16, Volume-2, Special Issue-1, of International Journal for Research in Emerging Science and Technology (IJREST) (e-ISSN 2349-7610).

**Impact Factor 2.173**

4. Novel Extraction of Opinion Word and opinion target in online reviews based on WAN, on Recent Trends in Communication control signal and Image Processing Applications (RTCCSIP’16). Volume-4, ISSUE-2 of International Journal of Innovative Technology and Research (IJTR) February – March 2016 (ISSN 2320 – 5547). **Impact Factor 1.3064**
5. Published Paper on “Preserving Data from Leakage by Using Data Detection and Prevention Methods” in IJSET - International Journal of Innovative Science, Engineering & Technology, Vol. 4 Issue 2, February 2017, ISSN (Online) 2348 – 7968.

**Papers published in International /National Conference:**

1. Paper published in national level conference (CCSO) on security Aspects of RFID Enabled and its Privacy, 12-13 may 2011.
2. Paper Published in the AICTE National Level Conference (NCIWSC-12) in the title of Network Architecture to Identify Spatial Knowledge for Epidemic, Pondicherry Engineering College on 02.08.12.
3. Paper published in National Conference on Recent Trends in Information Technology (NCRTIT) on The Three Tier Security Scheme Using Homomorphic Algorithm In Wireless Sensor Network, Feb 2013.
4. Paper published in International conference on System Methodologies Automation and Research Trends (SMART) on Aspects of Security in RFID Enabled Banknotes: A Research Survey, Dec 2012.
5. Paper published in 3 rd International conference on Furistic trends in computer science(ICFTCS) 2014 at Thiruvalluar college of engineering and technology, Vandavasi 01.03.2014
6. Paper published National Conference on advance in computing technology on Methodology for direct and indirect discrimination prevention in data mining at Hindusthan Institute of Technology Coimbatore, 01.03.2014.
7. Paper published DSTE Sponsored national level conference (NCIC 2015) on A Graphical Password Authentication using CAPTCHA based on AI at PEC, Puducherry -30.01.2015
8. AICTE National Level Conference (NCIWSC-12) on Decentralized key Access Method for Secure Data Storage Clouds with Anonymous Authentication at Thiruvalluar College of Eng & Tech, Vandavasi.07.03.2015 & 08.03.2015

9. International Conference on Recent Trends in Information Technology on Resourceful Prophecy of Difficult Keyword Queries over Database at Achariya College of Engg & Tech, Puducherry 13.03.2014 & 14.03.2015
10. presented a paper titled “Implication hit on browsing history of twitter users using back propagation with public click analytics and twitter metadata” in the 3<sup>rd</sup> National Conference on Recent Trends in Information Technology, held at Adhiparasakthi Engineering College, Melmaruvathur on 23<sup>rd</sup> March 2017.
11. Presented a paper titled “ Predication of Ischmic Heart disease risk level using clinical data Mining” at national conference on Emerging Trends in Electrical, electronics and computer Engineering(NCEEECE'18) held at JCT College of Engineering and Technology on 4<sup>th</sup> April 18 .
12. Presented a paper titled “An Efficiency through cross domain by Big data De-duplication and privacy preserving in Cloud Storage” at national conference on Emerging Trends in Electrical, electronics and computer Engineering(NCEEECE'18) held at JCT College of Engineering and Technology on 4<sup>th</sup> April 18 .

**FDP/STTP/Workshops attended:**

<b>S. No</b>	<b>Title of the Program</b>	<b>Details of SDP/FDP/ Workshop and other training programmes attended</b>	<b>Organized by</b>	<b>Duration</b>
1	Current Scenario Open Source Technologies	seminar	Manakula Vinayagar Institute Of Technology	17 .04.13 & 18.04.13
2	Recent Trends In Artificial Neural Networks	Faculty Development Programme	Manakula Vinayagar Institute Of Technology	22.04.13 to 3.05.13.
3	National Workshop on “Cyber Security & Malware Analysis”	Faculty Development Programme	Manakula Vinayagar Institute Of Technology	02.08.2013 & 03.08.2013
4	AICTE Sponsored National Seminar on “Cyber Law and Cyber security”	Faculty Development Programme	Manakula Vinayagar Institute Of Technology	25.12.2013 & 26.12.2013
5	AICTE Sponsored National Seminar on “Impact of Biometric Security using Image Processing”	Faculty Development Programme	Manakula Vinayagar Institute Of Technology	12.11.2013 & 13.11.2013
6	National Workshop on” C# and Dot Net Framework	Faculty Development Programme	Manakula Vinayagar Institute Of Technology	03.11.2014 & 11.11.2014
7	Issues In Image Processing And Data Mining	CSI Sponsored 1 day Seminar	Manakula Vinayagar Institute Of Technology	03.12.2014

8	ICT Academy Training Program on E-Literacy	Training Program	Manakula Vinayagar Institute Of Technology	07.01.2015 to 09.01.2014
9	Modern Web	Workshop	College of Engineering, Anna University	21.02.15
10	Advance Teaching Techniques	Faculty Development Programme	ICT Trainig Academy	25.05.15 To 27.05.15
11	Cloud Computing	Workshop	ICT Trainig Academy, MVIT	08.06.2015 to 16.06.2015
12	Life Skills	Faculty Development Program	ICT Academy, Jaya Nagar, Puducherry	2.11.2015 To 6.11.2015
13	Web Designing and Scripting	Faculty Development Program	ICT Academy, MIT	24.11.2015 To 28.11.2015
14	ICAT Digital Youth Summit 2016	Seminar	ICT Academy, B S Abdur Rahman University ,Chennai	30.01.2016
15	Emerging trends in pervasive & Mobile Computing	Faculty Development Program	Pondicherry Engineering college	28.4.2016 to 4.5.2016
16	C# & ADO.NET programming	Faculty Development Program	Panimalar Institute of Technology	2.06.2016 to 3.06.2016
17	Teachers' Conclave on Pursuing excellence in teaching	Faculty Development Program	SSN College of Engineering	7.1.2017
18	Arudino Applications	Faculty Development Program	MIT	2.5.2017
18	Java and Web Technology	Faculty Development Program	Loyola College of Engineering, Chennai	2.6.2017 To 3.6.2017
19	Advances in Evolutionary computing & Optimization Techniques	Two Days workshop	Pondicherry Engineering College	26.10.2017 & 27.10.2017
20	Embedded IoT & IoE	Short term training Program	Department of ECE in association with ISTE,MIT	11.12.2017 To 15.12.2017

**Reviewer for the journals: NIL**

**Research guidance: NIL**

**Project Guidance: 8**

1. Multi Proxy Re-signature with public auditing of shared cloud data for user Revocation.
2. Novel Extraction of Opinion Word and opinion target in online reviews.
3. Implication hit on browsing history of twitter users using back propagation With public click analytics and twitter metadata
4. Efficiency through Cross-Domain Big Data De-duplication and privacy Preserving in Cloud Storage
5. Prediction of ischemic heart disease risk level using analysis of clinical data
6. Methodology for direct and indirect discrimination prevention in data mining
7. Decentralized key Access Method for Secure Data Storage Clouds with Anonymous Authentication
8. Resourceful Prophecy of Difficult Keyword Queries over Database

**Guest Lectures delivered: NIL**

**Professional Membership:**

1. Life Member Of The Indian Society For Technical Education By Approval Of The Executive Council, An Organization For Promoting The Quality And Standards In Technical Education-2012. Membership number is LM 81923
2. Life member of the International Association of Engineers (IAENG), IAENG membership number is: 142776.

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