**S. MANI**

# **CURRICULUM VITAE**

No 124, Jayagowri Nivas

N G Narayana Swamy Street

New Siddhapudur, Contact No: 09842298511

Coimbatore – 641 049. e-mail : manicovai@gmail.com



**PhD Details :** PhD in Semantic Web - Anna University Chennai, Tamil Nadu

**Title :** Modified and Improved Syntactic, Structural and Machine Learning

 Approaches for Ontology Similarity Matching

**Area of Specialization :** Semantic Web, Machine Learning, Information Retrieval, Knowledge

 Reusing and Sharing

**International Journal Published**

1. S. MANI, **An Improved Structural-Based Ontology Matching Approach Using Similarity Spreading,** [International Journal on Semantic Web and Information Systems, submitted on 29-06-2021:status – accepted](https://www.igi-global.com/journal/international-journal-semantic-web-information/1092), yet to be published on Aug 2022.
2. S. MANI, **Witty Mirror Organizer**, *International Journal of Advanced Research in Computer Science Engineering and Information Technology*, ISSN: 2321-3337, Volume: 6, Issue: 3, Special Issue: 2, Aug 2021.
3. Sengodan MANI, Samukutty ANNADURAI, **Explicit Link Discovery Scheme Optimized with Ontology Mapping using Improved Machine Learning Approach**, *Studies in Informatics and Control*, ISSN 1220-1766, vol. 30(1), pp. 67-75, March 2021. <https://doi.org/10.24846/v30i1y202106> (Annexure I).
4. S. MANI**, Advanced Security Model for Internet of Things Environment,** *International Journal of Recent Technology and Engineering (IJRTE),* ISSN: 2277-3878, Volume-8 Issue-6, March 2020.
5. S. MANI, **SaaS Service Recommendation System Based on SLA Ontology,** *IJCA Proceedings on International Conference on Computer Communication and Networks CSI-COMNET-2011*, COMNET(1):20-25, 2011. ISBN: 973-93-80864-61-7.

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# **Project Fund/Grant:**

# Received **Rs. 2,50,000/-** (Two Lakhs and Fifty Thousand) towards Automated Equipment to monitor Mask-wearing, Body temperatures with automatic sanitizer dispenser for public through NewGen IDEC (IST Fund)

**Status:** Successfully completed (Period: March 2021 to August 2021)

# **Patent Applied:** 1) Automated Covid’19 Monitoring System. Applied Date: 29.09.2021

#  2) Deep Learning based Analysis of Artery Deposition using Segmentation and CNN Classification Approach

**CAREER OBJECTIVE**

Seeking a challenging opportunity where I can effectively explore and deliver the knowledge in the field of Computer Science and Engineering.

**SHORT DESCRIPTION**

* + Around **10 years** of experience in the Teaching Field and **13 Years** of Industry Experience in various Computer related services
	+ My interested research areas are **Semantic Web, Information Retrieval, LOD (Linked Data Object), Ontology Alignment, AI, Machine Learning, Deep Learning and IoT**
	+ Reviewer for **International journal of Semantic Web and Information System** (IJSWIS).
	+ Established and Developed the Centre of Excellence, which comprises of **Semantic Web based Jena platform** Test bed for creating various kinds of Ontology Models.
	+ Member of Computer Society of India(CSI)
	+ Life Member of ISTE
	+ Acted as Technical Resource Person for various events.
	+ Organized various kinds webinars and workshops.
	+ AICTE and NBA coordinator for Nehru Institute of Engineering and Technology, Coimbatore.

**PRESENT RESPONSIBILITIES**

Currently I am working as a **Professor** in Computer Science and Engineering Department (IoT & CSBT), **Annasaheb Dange College of Engineering and Technology**, Ashta, Maharashtra. Apart from Teaching the Subjects, I have involved with various social activities societal improvement of the Nation.

**EDUCATION QUALIFICATION**

| **Course** | **College/School** | **Year of passing** |
| --- | --- | --- |
| PhD (CSE) | Anna University, Chennai | 2022 |
| M.E ( CSE ) | Sri Ramakrishna Engineering CollegeCoimbatore. Tamil Nadu. | 2012 |
| B.E ( ECE ) | Government College of Technology, Coimbatore. Tamil Nadu. | 2007 |

**ADDED QUALIFICATION**

| **Course** | **College/School** | **Year of passing** |
| --- | --- | --- |
| PGDAC(Post Graduate Diploma in Advanced Computing) | CDAC, Mysore. | 2008 |

**WORK EXPERIENCE**

| **S. No** | **Company Name**  | **Designation** | **Year** | **Reason for Leaving** |
| --- | --- | --- | --- | --- |
| 01 | Annasaheb Dange College of Engineering and Technology, Ashta, Maharashtra | Professor  | August 2022 to till date | -- |
| 02 | Nehru Institute of Engineering and Technology | Associate Professor  | Jun 2012 to August 2022 | For better career opportunities |
| 03 | G2 TechnologySolution India Pvt Ltd | Software Trainee | Dec 2009 – Aug 2010  | Pursue M.E |
| 04 | Eicon Computers | Manager-Technical Support | Mar 2004 –Oct 2009 | Software development exposure |
| 05 | Nexus Computers Ltd Coimbatore. | Senior Customer Support Engineer | Dec 2000 – Jan 2003 | Pursue B.E |
| 06 | Cerebra Integrated Technologies Ltd | Senior Customer Support Engineer  | Jun 1998 - Dec 2000  | Server exposure |
| 07 | Access Business Machines Pvt Ltd | Service Engineer | May 1994-Aug 1996 | Networking exposure |

**TECHNICAL PROFICIENCY**

| **Field Name** | **Skill Sets** |
| --- | --- |
| Operating Systems | Shell programming in Windows and Linux |
| Programming Languages | Core Java, J2EE, Dot Net, PHP, Python |
| RDBMS | SQL and MySQL |
| Web Technology Language | HTML, XML, CSS, ASP, JavaScript. |
| Others | Web Services, Full Stack Developer |
| Semantic Web Technology | Jena Framework, OWL, SPARQL, RuleML  |

**PROJECT HANDLED**

PGDAC Project: **Online Shopping System: -** Duration: 15 days, Team Size: 4

 This project is aimed to develop an online shopping web site, user-friendly application to manage the Shopping System of an organization. This involved the database design (in MYSQL) and the front end design (which was done in J2EE and HTML). This project was done as a part of the training package at CDAC.

ME Project: **SaaS Service Recommendation System Based on SLA Ontology.**

 This Project has been presented and published in the International Conference on Communications and Networks, Organized by **Computer Society of India and Maharana Pratap College of Technology & Engineering, Udaipur in Association with IEEE.** Published in *IJCA Proceedings on International Conference on Computer Communication and Networks CSI-COMNET-2011* comnet(1):20-25, 2011. ISBN: 973-93-80864-61-7.

**PROFESSIONAL AND ADMINISTRATIVE RESPONSIBILITIES**

| **Role** | **Description** |
| --- | --- |
| As an **Exam Cell Incharge****Centre of Excellence Incharge** Acted as **Programme Coordinator**Acted as **Conference Coordinator**  | Worked as an Examcell Incharge for the entire campus of NIET. The role of the activities involved as follows* Preparing the seat arrangement and Hall plan for Anna University Semester Examination
* Organizing and managing the Internal and Externals for Hall Supervising.
* Managing and uploading the semester internal test mark and attendance into the Anna University Web server.
* Responsible to collect Grade sheets and other documents from Anna University as well as letter corresponding activities with Anna University.
* Handling of Readmission and Transfer student’s document process.
* Planning and Scheduling the Practical Examination slots and its paper works.
* Maintaining of various documents and files.

The Semantic Web platform is developed to enable the students to explore the new technologies such as to have working knowledge in Jena Frame work and SPARQL Queries. This platform also provides the way to develop the Ontology models. 1. Conducted Two days National Workshop in NETWORKING TECHNOLOGIES especially with CISCO ROUTING concepts along with DELHI-IIT professionals.
2. Conducted Two days Seminar on Intelligent Information Retrieval System and Open Source Software.
3. Conducted a one day National Conference on Emerging Trends in Science and Engineering & Technology-**NCETSET 2016.**
4. Conducted a one day National Conference on Emerging Trends in Science, Engineering & Technology, Management and Application- **SETMA 2017.**
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**SUBJECTS HANDLED**

1. Operating System 2. Open Source Software

3. Data Base Management System 4. Fundamentals of Computing

 5. Java Programming 6. Web Technology

 7. Python Programming 8. Computer Networks 9. Cryptography and Network Security 10. Artificial Intelligence

**PROFESSIONAL BODY MEMBERSHIP**

1. Member in Computer Society of India (CSI)
2. Life Member of ISTE
3. Member in IAENG
4. Review member in International Journal of Semantic Web and Information System (IJSWIS)
5. Review member in Journal Web Semantics

**DECLARATION**

I hereby declare that all the information furnished above is true to my knowledge.

 Signature

Place: Coimbatore 

Date 25.01.2024 (Mani. S)