

# Vishwesh Nagamalla

Associate Professor &HOD - CSE(AI&ML)  
Holy Mary Institute of Technology and Science

✉ [vishwesh2010@gmail.com](mailto:vishwesh2010@gmail.com)

☎ +91-9949942144

in [linkedin.com/in/vishweshnagamalla](https://www.linkedin.com/in/vishweshnagamalla)



## Career Objective

Teaching is Noble Profession. I have chosen this profession to shape and mold future engineers to build our nation with disciplined technology. I totally believe that destiny of the nation can alone be shaped only in the class room for which teacher is the leader and inspirer. I got many opportunities In Industry but I preferred teaching is Profession because Dr.Sarvepalli Radha Krishnan is my inspiration

## Experience (14 Years +)

### Teaching: 12 Years

- ❖ Working as Associate Professor & HOD CSE (AI &ML) at Holy Mary Institute of Technology &Science (Autonomous) From October 2022
- ❖ Worked as Assistant Professor at SNIST(Autonomous) from August 2014 to October 2022
- ❖ Worked as a Assistant Professor at JNTUH College of Engineering from Jan 2013 to August 2014

### Industry: 2 Years

- ❖ Software Engineer - NM Reddy's Software Solutions-(Nov2008 to Nov-2010)

## Certifications

- ❖ “CS-205: Artificial Intelligence”, Certificate ID: 9277473645VN, Saylor.org Academy
- ❖ “Machine Learning”, Certificate of Completion issued by Infosys Springboard
- ❖ “Blockchain in Depth”, Certificate of Completion issued by Infosys Springboard
- ❖ “Azure AI Fundamentals”, Credential ID: 139984086, Skill Soft

## Subject Handled

- ❖ Computer Programming
- ❖ Data Structures
- ❖ Internet of Things
- ❖ Artificial Intelligence
- ❖ Information Security
- ❖ Cloud Computing
- ❖ Computer Networks
- ❖ OOPS through Java
- ❖ Design Analysis of Algorithms

## Educational Credentials

### (PhD -Computer Science & Engineering)

Mansarovar Global University, Madhya Pradesh

**Title of Research:** Analytical Study on Enabling of AI for Security in IOT.

**Thesis  
Submitted**

### MTech - Computer Networks &Information Security

JNTUH College of Engineering, Kukatpally, Hyderabad

**2010-2012**

### B. Tech -Computer Science &Engineering

Kamala Institute of Technology &Science, Huzurabad

**2004-2008**

### Intermediate from Board of Intermediate, Andhra Pradesh

Alphores Junior College, Karimnagar

**2002-2004**

### 10<sup>th</sup> Class from Board of Secondary Education, Andhra Pradesh

SriVidyaranya Avasa Vidyalayam, Jammikunta

**2001-2002**

## Academic Achievements

---

- ❖ Achieved “Faculty Research Reward” From SNIST for Academic Year 2021-22
- ❖ Achieved “Best Teacher Award” from SNIST for Academic Year 2014-15 and 2015-16
- ❖ Achieved 23<sup>rd</sup> Rank in State Level Entrance Exam PGECET-2010
- ❖ Achieved AVOPA Award in 10<sup>th</sup> Class

## Research Interests

---

- ❖ Artificial Intelligence
- ❖ Internet of Things
- ❖ Information Security

## Research Activities

---

### ❖ **Patents: 4 (1 International and 3 National)**

1. Software Based Review of Current Supply Chain Management Technologies Based on IoT, Canadian Copyright Application Number 1198729, Date of File: 22 /12/2022
2. The Internet of Things (IoT) and Cloud-Computing-based mass customization-driven customer demand response platform Date of Publication 22/07/2022, Patent Application Number :202241034095 (Published)
3. IoT and Artificial Intelligence based Continuous Monitoring for bridge Safety by using Health Monitoring Technology, Date of Publication: 25/03/2022, Patent Application No. 202241015569 (Published)
4. Machine Learning and IoT Based Intelligent System for Monitoring Health of Vehicle Battery, Date of File: 11/03/2022, Patent Application No. 202211011330 (Published)

### ❖ **Text Book: 2**

1. Text Book Titled “Data Structure”, JEC Publications, ISBN Number:978-93-5850-628-0, Available at Amazon <https://amzn.eu/d/9y9Pv80>
2. Text Book Titled “IoT Architecture and Its Protocols”, Alpha International publication (AIP), ISBN Number : 978-93-95978-01-9, Available at Flipkart <https://www.flipkart.com/iot-architecture-its-protocols/p/itmcd576475aea93>

### ❖ **Book Chapter: 1 (Scopus Indexed)**

1. Development of an Intelligent Management Accounting System by using Machine Learning and Data Mining Technique (Submitted)

### ❖ **Journals: 16 (1 SCI and 5 Scopus Journals)**

1. **Vishwesh Nagamalla, et al,** “Comparing the Performance of Artificial Intelligence Techniques for Internet of Things Security” International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169 Volume: 11 Issue: 11(**Scopus Indexed Journal**)  
<https://www.ijritcc.org/index.php/ijritcc/article/view/11612>
2. **Vishwesh Nagamalla, et al,** “Exploring Opportunities, Applications, And Challenges for Advancing the Internet of Things with Artificial Intelligence”, International Journal on Recent and Innovation Trends in Computing and Communication (**Scopus Indexed Journal**)  
<https://ijritcc.org/index.php/ijritcc/article/view/11277/8649>
3. **Vishwesh Nagamalla, et al,** Comparative Evaluation of Optimization Techniques For IOT Security using AI”, Journal of Asian Society of Mumbai, Impact Factor 5.29, ISSN 0972-0766
4. **Vishwesh Nagamalla, et al,** “IOT Based Manhole Monitoring System”, Journal of Nonlinear Analysis and Optimization, Vol. 15, Issue. 1 : 2024 ISSN : 1906-9685  
[https://jnao-nu.com/Vol.%2015,%20Issue.%2001,%20January-June%20:%202024/29\\_online.pdf](https://jnao-nu.com/Vol.%2015,%20Issue.%2001,%20January-June%20:%202024/29_online.pdf)
5. **Vishwesh Nagamalla, et al** “Detection of Adulteration in Food using Recurrent Neural Networks with Internet of Things”, Journal of Food Quality, Publisher: Wiley & Hindawi, ISSN No 0146-9428, Impact Factor 2.45, Cite Score 3.6 (**SCI Indexed Journal**)  
<https://www.hindawi.com/journals/jfq/2022/6163649/>
6. **Vishwesh Nagamalla, et.al** “Integrating Predictive Big Data Analytics with Behavioral Machine

- Learning Models for Proactive Threat Intelligence in Industrial IoT Cybersecurity” , International Journal on wireless and Ad hoc Communications (**Scopus Indexed Journal**)  
<https://americaspg.com/articleinfo/20/show/2374>
7. **Vishwesh Nagamalla**, et al “investigation on Detection of data Poisoning Attacks: most possible Defenses and Counter measures”, Seybold Report (**Scopus Indexed Journal**)  
<https://www.seyboldreport.net/pdf/99.pdf>
  8. **Vishwesh Nagamalla**, et al, " Analysis and Detection of Fake Apps in Android Environment", Neuro Quantology (**Scopus Indexed Journal**)  
<https://www.neuroquantology.com/data-cms/articles/20220926030836pmNQ55907.pdf>
  9. **Vishwesh Nagamalla**, et al, " Integrating Predictive Big Data Analytics with Behavioral Machine Learning for Proactive Threat Intelligence in Industrial IoT Cyber Security” in International Journal of Wireless and Adhoc Communication, Volume no 7, Issue 2  
<https://doi.org/10.54216/IJWAC.070201>
  10. **Vishwesh Nagamalla**, “Blockchain Technology: A Study on Structure, Classification, Applications of Block chain” in International Journal for Research in Applied Science and Engineering Technology, ISSN No 2321-9653  
<https://www.ijraset.com/print-certificate.php?member=18617>
  11. Gadipalli Bhavani, **Vishwesh Nagamalla** “Location with Witness of Mutual Proofs Providing Privacy for Mobile Users”, ISSN 2320-5407  
<http://dx.doi.org/10.21474/IJAR01/8578>
  12. **Vishwesh Nagamalla**, Kireet “A Systematic Study on Applications of Big data In Bioinformatics” in International Journal for Innovative Engineering and Management Research, ISSN 2456-5083  
<https://ijiemr.org/downloads/Volume-7/ISSUE-9>
  13. **Vishwesh Nagamalla**, J K R Sastry “An Overview on the Challenges and Impact of IoT in Future Education” in International Journal of Pure and Applied Mathematics, Volume No 120, ISSN 1314-3395  
<https://acadpubleu/hub/2018-120-6/1/16.pdf>
  14. Madhuri , **Viswesh Nagamalla** “ Tradeoff Between Tracing Bits and Parity Bits in Multiple Access Relay Networks” in International Journal of Scientific Engineering and Technology Research (IJSETR), ISSN 2319-8885, Vol.04, Issue.35, ,Pages:7291-7294  
<http://ijsetr.com/uploads/352641IJSETR6700 -1266.pdf>
  15. **Vishwesh**, Rakesh, Anil, Mamatha “Generation of Meta Alerts by Aggregating Intrusion Alerts” in IOSR Journal of Computer Engineering (IOSR-JCE), E-ISSN: 2278-0661, P-ISSN: 2278-8727, Volume 8, Issue 5 PP 63-69  
 This Journal Indexed in Crossref. Article DOI (Digital Object Identifier) number is 10.9790/0661- 0856369. Check it through [www.crossref.org](http://www.crossref.org) & [www.doi.org](http://www.doi.org)  
<http://www.iosrjournals.org/iosr-jce/papers/Vol8 -Issue5/I0856369.pdf>
  16. Rakesh Kumar, **Vishwesh**, Srujan Kumar “A Framework for Semantic Advertisement over Social Media” in International Journal of Computer Science and Network (IJCSN), Volume 2, Issue 1, ISSN (Online) : 2277-5420  
<http://ijcsn.org/IJCSN -2013/2-1/IJCSN -2013-2-1-50.pdf>

## Personal Details

Name	: Vishwesh Nagamalla.
Father's Name	: Koteswar
Mother's Name	: Kalavathi
Date of Birth	: 07/08/1986
Gender	: Male
Marital Status	: Married
Languages Known	: Telugu, English & Hindi

## Declaration

I hereby declare that the above written particulars are true to the best of my knowledge  
 Date: Place:

