VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

Name: J.VAMSI NATH
Designation: Assistant Professor
Department: Computer Science and Engineering
Mail Id: vamsinath_j@vnrvjiet.in
AICTE ID: 1-452107781
Date of Birth: 23-04-1984
Experience (in years): 18   Teaching: 18   Research: 7   Others (if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech	2005	CSE
2.	M.Tech (CSE)	2009	CSE
3.	PhD(pursuing)		CSE

2. Teaching and Learning:

2.1. Teaching Interests: Java Programming ,Web Technologies, Data Mining, Cloud Computing, Machine Learning, C Programming , Data Science with Python

2.2. Novel Teaching & Learning Techniques adopted: WIT & WILL, Brain Storming, Quizzing, Learning By Doing (LBD), Group Discussions, Videos, Films and Visuals, Student Presentations, Concept maps, Group Project / Presentation

2.3. Completed Infosys Springboard Online Certification Courses on HTML5, JAVA SCRIPT, JAVA 11 BEYOND BASICS

2.4. Completed NPTEL Certification Program on Patent for Beginners, Programming in Java (Elite with Silver), Systems and Usable Security.

2.5. Involvement in curriculum updating / Design:

1. Refined CO'S and CO-PO mapping for Subjects Java Programming, Java Programming, Design Analysis of Algorithms Laboratory, Advanced Data Structures through C++ Advanced Data Structures through C++ Lab

2. Designed WIT & WILL Object for Programming through C++.

3. As a BOS File In charge Participated in Designing R22 Curriculum for B.Tech CSE.

4. Presented a Proposal on Implementation R22 Curriculum In line with of National Education Policy 2020.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- To motivate students towards research & development, placement and projects.
- Interest to learn new technologies update the Knowledge.
- Encourage students to participate in various events.
- Acted As Chair of the Website Management Committee of ICMACC 2022 (IEEE Hyderabad Section).
- Acted As Technical & Organizing Committee Member of IEEE WIE International Leadership Summit 2022(IEEE Hyderabad Section).
- Act as Summer Internship incharge for II B.TECH Students.

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated:

- Acted Scrutiny Member for Software Hackthon as part of the CONVERGENCE2021.
- Acted As Reviewer, Session Chair of ICACECS-2022, VNRVJIET.
- Acted As mentor for 2 Groups in VJ HACKTHON,2022

3.4. Counselling and Mentoring Activity: Counselling and Mentoring of CSE Students

3.5. Committees involved in:

Department level:
- Member of Department Academic Committee
- Member of National Publicity Committee

Institute Level:
- Member of the IEEE Conference Website Development Committee

- **Conference / Workshop / Seminar / Guest Lectures :**
- Conducted:
  - Conducted 1 week Faculty Development Program on Latex – Migrate to Latex from word & Delivered Lecture on Preparation presentation using Beamer.
- Attended:
  - NPTEL ONLINE CERTIFICATION in Courses - Patent Drafting for Beginners, Java Programming , Systems and Usable Security
  - Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Introduction to Speech Processing and its Applications using AI-ML (ISPA)- 2021" from 25/10/2021 to 29/10/2021 at Centre for Development of Advanced Computing, Kolkata.

- Participated in the 3 Day Online Faculty Development Programme on "Knime for Statistics and Data Analytics" conducted from 17-11-2021 to 19-11-2021 organized by SCOPE & SAS, VIT Chennai.

- Participation for TCS iON Master class on Robo Advisory and Wealth Management - an emerging opportunity on October 8th, 2021.

- **Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures: NIL

5.2. Articles / Chapters published in Books: NIL

5.3. Books published as single author or as editor: NIL

5.4. Projects Guided:

       a) UG : 4 b) PG : NIL

5.5. Research Interests: Data Mining, Deep Learning

- Published a Patent on The Block Chain Technology to Protect data access using a smart contract Mechanism**.**

5.6. Ph.D students: NIL

       a) Enrolled: b) Submitted: c) Awarded:

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Detection and Classification of Diabetes from a massive data with the implementation of real-time cloud-based Machine Learning System	Journal Of Optoelectronics Laser Volume 41 Issue 3, 2022 Pg 99-103	ISSN:1005-0086	**0.31**	International
2	Smart Contracts in E-Health records using Blockchain	International Research Journal of Engineering and Technology (IRJET)	ISSN 2395-0056	7.529	International
3	English Accent Classification and Conversion Using Machine Learning	IOSR Journal of Computer Engineering (IOSR-JCE)	ISSN 2278-0661	3.712	International
4	Mathematical Descriptors For Drug	JOURNAL OF PHARMACEUTICA	ISSN 2229-7723	2.654	International

	Design Using Python Program	L NEGATIVE RESULTS			
5	DETECTING SPAMERS AND IDENTIFING FAKE TWITTER USERS	JOURNAL OF NORTHEASTERN UNIVERSITY	1005-3026	0.153	International
6	Detection and Analysis of Mental Disorders by Usage of social media	International journal of analytical and experimental modal analysis	ISSN NO: 0886-9367	0.271	International

5.8. Papers presented at National / International Conference: Nil

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Combining Multi-Features for Lung Cancer Detection in Computed Tomography Images: A Feature Fusion Model	2023 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	International	23-25 March 2023
2	Traffic Sign Detection and Recognition using Deep Learning Techniques	IEEE International Conference on Contemporary Computing and Communications	International	21-22 April 2023

5.9. Sponsored research Projects: Nil

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: Nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

- **Awards / Honors received: 01**
  - Certified as Wipro Certified Faculty - Full stack Java.

- **Motto:**
    Work is Worship