

# VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

## KNOWLEDGE ASSET 2023-24



Name: Vijayakumar Chilamkurthi  
Designation: Assistant Professor  
Department: CSE (AIML & IoT)  
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Experience (in years): Teaching: 6.5 Research: 01 Industrial: 07 Entrepreneur: 07

AICTE ID: 1-7447676761

DoB: 20/08/1977

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D.	NA	NA
2	M.TECH	2010	CSE
3	Master of Philosophy	2003	Computer Science
4	B. TECH	NA	NA
5	MCA	2001	CSE

### 2. Teaching and Learning:

#### 2.1. Teaching Interests:

- Handling Theory Classes and Laboratories (Software Engineering, Software Quality & Testing Methodologies, SPPM, Artificial Intelligence, Machine Learning & Neural Networks, Programming Languages (C, Python, Java), Mobile Application Development, Scripting Languages, Data Engineering).
- Guiding & Leading IT Design, Development and Maintenance Projects (Major/Minor/Internships etc.)
- Guiding and Processing of Industrial Internships for 3<sup>rd</sup> and final year Students for their successful completion from IT startups and multi-national companies.
- Incubation -Projects at VJHUB.

#### 2.2. Novel Teaching & Learning Techniques adopted:

Learning by Doing, Constructive Methodology and Outcome based Teaching, WIT & WIL.

#### 2.3. Involvement in curriculum updating / Design:

Creation of Department NAAC, Academic Audit and ISO Files. Involved into Coursera (Data Science Specialization) & Swayam - NPTEL Certifications in Research Methodologies, Machine Learning and Deep Learning with Elite Certifications. Establishing new Machine Learning laboratories with capacity of 37 Work Stations from Scratch.

### **3. Co-curricular and Extra-Curricular Activities**

- 3.1. Interests and Hobbies:** Attending and Conducting Workshops, Seminars, National and International Conferences & FDPs, Industrial Visits, Handling Guest Lectures.
- 3.2. CCA/ECA Organized:** One Guest Lecture, Applied AI Workshop (Convergence2k3, Tech Fest), AWS Workshop and SMDA Statistics for AI & ML workshop, SIH 2023 (Smart India Hackathon).
- 3.3. CCA/ECA participated:** Narcotic Drugs Awareness Programme (JNTUH), Seminar on IoT & Applications, Lab Incharge, Course Incharge for JNTUH FFC Inspection, British Council (English Score).
- 3.4. Counseling and Mentoring Activity:** Faculty Coordinator for Mentoring
- 3.5. Committees involved in:** Machine Learning & Data Engineering RIG, Internships-CDC, Mentors, Stats/AIML/DS, Convergence2k23, NITTTR, Tech-I&E Fests, AIML & IoT Placements & Training Team, Drugs & Anti ragging Team, Department Faculty Coordinator for (Infrastructure-Services, Mentoring, Course based Projects, Industrial Internships, Placements, Showcase of Project Records, Data etc), GCCF, OpenHouse2K24.

### **4. Conference / Workshop / Seminar / Guest Lectures:**

- 4.1. Conducted:** Guest Lectures-02, Workshops-05, Student Seminars-12, Resource Person-01 (Generative Adversarial Networks (GANs) is an advancement in the field of Machine Learning)
- 4.2. Attended:** NITTTR (Micro Teaching) Workshop-Training, FDPs – 05, Conference – 02, International Conference – 01 (Article Presented), NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAM (FDP) AND PRE -INCUBATION PROGRAM conducted by AIC ALEAP WEHUB, MEITY Startup Hub, JNTUH.

### **5. Academic Contribution and Research & Consultancy:**

- 5.1. Invited Lectures:** 01
- 5.2. Articles / Chapters published in Books:** 01
- 5.3. Books published as single author or as editor:** NA
- 5.4. Projects Guided:** Course Based Projects – 19, Internships – 06, Minor Projects - 02
- 5.5. Research Interests:** Industrial and Enterprise Organization Automation using AI, ML, DL, OpenCV and Web-Mobile Technologies. Cloud computing techniques.
- 5.6. Ph.D. students:** NA
- a) Enrolled:
  - b) Submitted:
  - c) Awarded:

**5.7. Papers published in reviewed Journals: 02**

S.No	Title of the Paper	Journal Name Vol. No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Gaussian Immature Bayes Classifier and Uneven Lay down Conception for Information Flow Group in Frequent Concept Drift	International Journal of Recent Technology and Engineering (IJRTE) Volume-8 Issue-4, November 2019	2277-3878		International
2	SECURED ELECTRONIC-VOTING USING BLOCKCHAIN TECHNOLOGY	International Journal of Early Childhood Special Education (INT-JECSE) DOI:10.9756/INTJECS E/V14I5.159 Vol 14, Issue 05 2022	1308-5581		International

**5.8. Papers presented at National / International Conferences: 02**

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	A Smart IoT System for Remote Refrigeration Monitoring	Advances in Engineering, Science & Technology 2021	International	May, 2021
2	Enhancing Field Employee Productivity and Performance with Android Software Solution and Machine Learning-based Predictive Analytic Model	5th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2024	International (IEEE Xplore & Scopus indexed)	April, 2024

**5.9. Sponsored research Projects: NIL**

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

**5.10 Consultancy Projects: NIL**


**6. Awards / Honors received: NA**

**7. Motto:** Learn - Upgrade - Guide - Utilize