

# VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

## KNOWLEDGE ASSET 2022-23

Name: Archana Kalidindi  
Designation: Assistant Professor  
Department: CSE-AIML & IoT  
Mail ID: archana\_kalidindi@vnrvjiet.in



Experience (in years): Teaching: 15  
AICTE ID: 1-460512711

Research: 8  
DoB: 08-05-1986

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D.	Pursuing	CSE
2.	M.TECH	2011	Software Engineering
3.	B.TECH	2007	Information Technology

### 2. Teaching and Learning:

- 2.1. **Teaching Interests:** Machine Learning, Data Mining, Software Engineering, DBMS
- 2.2. **Novel Teaching & Learning Techniques adopted:** Flipped class rooms, TPS activities
- 2.3. **Involvement in curriculum updating / Design:** Yes

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

- 3.1. **Interests and Hobbies:** Reading, Cooking, listening music
- 3.2. **CCA/ECA Organized:** Conducted many extra and Co-curricular activities such as MUN edition 1 under Club Spiral, Rhythms (Dance Competition), Spices (Cooking Competition) at GRIET.
- 3.3. **CCA/ECA participated:** Yes
- 3.4. **Counseling and Mentoring Activity:** Conducted
- 3.5. **Committees involved in:** NBA, NAAC

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

- 4.1. **Conducted:** Organized Faculty development programs, IoT and Agile workshops at GRIET
- 4.2 **Attended:** Attended more than 10 Workshops and certification courses such as ICT academy, IIT BombayX, NPTEL etc.

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

- 5.1. **Invited Lectures:-**

**5.2. Articles / Chapters published in Books: -**

**5.3. Books published as single author or as editor: -**

**5.4. Projects Guided:6**

**5.5. Research Interests:** Machine learning ,Deep learning

**5.6. Ph.D. students:**

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	CT Image Classification of Human Brain Using Deep Learning	International Journal of Online and Biomedical Engineering	26268493	1.38	International
2	Discrete deep learning based collaborative filtering approach for cold start problem	International Journal of Intelligent Engineering and Systems	21853118	0.28	International
3	A Novel Machine Learning Framework for Detection IoT Botnet Attacks	Telematique Journal (Vol 21, No 1 (2022))	18564194	0.3	International
4	FETAL HEALTH PREDICTION USING CARDIOTOGRAPHIC DATA	Dogo Rangsang Research Journal	2347-7180	7.2	National
5	EMOTION RECOGNITION FROM FACIAL EXPRESSIONS USING ARTIFICIAL INTELLIGENCE	Dogo Rangsang Research Journal	2347-7180	7.2	National
6	COLOR DETECTION USING PYTHON	Dogo Rangsang Research Journal	2347-7180	7.2	National
7	Enhancing IoT Security with Deep Stack Encoder using Various Optimizers	International Journal of Advanced	2156-5570	0.9	International

	for Botnet Attack Prediction	Computer Science and Applications			
8	Ameliorating Heart Diseases Prediction Using Machine Learning Technique for Optimal Solution.	International Journal of Online & Biomedical Engineering	2626-8493	1.3	International
9	A TABTRANSFORMER BASED MODEL FOR DETECTING BOTNET-ATTACKS ON INTERNET OF THINGS USING DEEP LEARNING	Journal of Theoretical and Applied Information Technology	1992-8645	0.14	International
10	Botnet attack detection in IoT using hybrid optimisation enabled deep stacked autoencoder network	International Journal of Bio-Inspired Computation	1758-0366	2.8	International

#### 5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Study the influence of normalization/transformation process on the accuracy of supervised classification	ICSSIT	International	2020
2	Smart saline bottle with automatic cut-off mechanism using internet of things	AIP Conference Proceedings	International	2023
3	A Contactless Door-Lock System for Attendance Tracking Using IOT-Based RFID Technology	ICETE	International	2023

#### 5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

#### 5.10 Consultancy Projects: NIL


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**6. Awards / Honors received:** None

**7. Motto:** To be the best OBE Practitioner and always thrive to make my class room lecture interactive and to be in sync with industry. I always want to be an enthusiastic and active researcher and publish articles in reputed journals which help me to grow professionally.