

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2022-23

Name: Sitanath Biswas
Designation: Asst. Prof.
Department: CSE AIML-IOT
Mail ID: sitanath_b@vnrvjiet.in



Experience (in years): Teaching: 18
AICTE ID:

Research: 2 years
DoB: 03.08.1981

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D.	2022	NLP
2.	M.TECH	2008	NLP
3.	B.TECH	2004	IT

2. Teaching and Learning:

- 2.1. Teaching Interests: AI, NLP, ML, DL
- 2.2. Novel Teaching & Learning Techniques adopted: Peer teaching, Co-learning etc.
- 2.3. Involvement in curriculum updating / Design: Yes

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Surfing internet for emerging topics, singing
- 3.2. CCA/ECA Organized: 0
- 3.3. CCA/ECA participated: 0
- 3.4. Counseling and Mentoring Activity: Yes (2nd year AIML)
- 3.5. Committees involved in: Sports

4. Conference / Workshop / Seminar / Guest Lectures:

- 4.1. Conducted: 1
- 4.2 Attended: 2

5. Academic Contribution and Research & Consultancy:

- 5.1. Invited Lectures: 4
- 5.2. Articles / Chapters published in Books: 5
- 5.3. Books published as single author or as editor: 0
- 5.4. Projects Guided: 2

5.5. Research Interests:**5.6. Ph.D. students:**

- a) Enrolled: 0
- b) Submitted: 0
- c) Awarded: 0

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
01	Edge and fog computing in healthcare—A review	Scalable Computing: Practice and Experience	1895-1767	1.85	International
2	Deep learning based biomedical named entity recognition systems	Deep Learning Techniques for Biomedical and Health Informatics	978-3-030-33966-1		International
3	LSTM-CNN Deep Learning–Based Hybrid System for Real-Time COVID-19 Data Analysis and Prediction Using Twitter Data	Assessing COVID-19 and Other Pandemics and Epidemics using Computational Modelling and Data Analysis	978-3-030-79753-9_14		International
4	Firefly algorithm based multilingual named entity recognition for Indian languages	Communications in Computer and Information Science	978-981-13-3140-4		International
5	IoT-based fuzzy logic-controlled novel and multilingual mobile application for hydroponic	AI, Edge and IoT-based Smart Agriculture	978-0-12-823694-9		International

	farming				
6	Inverted indexes: Types and techniques	International Journal of Computer Science Issues	1694-0814		International
7	A Two Stage Language Independent Named Entity Recognition for Indian Languages	International Journal of Computer Science Issues	1694-0814		International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

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6. Awards / Honors received: Change Management certificate by CMI, UK
 Master's Thesis supervisor, Liverpool John Moors University, UK, summer fellowship, Microsoft Research India

7. Motto: To become a pioneer in the field of teaching AI and ML