

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2022-23

Name: Bhupesh Deka
Designation: Assistant Professor
Department: CSE AIML & IOT
Mail ID: bhupesh_d@vnrvjiet.in



Experience (in years): Teaching: 11 yrs
AICTE ID:

Industry & Research: 11 yrs
DoB: 06/02/1977

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D.	Pursuing	ML
2.	M.TECH	2007	Information Technology
3.	B.TECH	1995	CSE

2. Teaching and Learning:

2.1. Teaching Interests:

C, C++, Java, Data Structure, Operating System, Software Engineering, AI, ML, OOAD, UML, Web Technology, Php, Python etc.,

2.2. Novel Teaching & Learning Techniques adopted:

WIT & WILL, Brain Storming, Learning by Doing (LBD), Group Discussions, Videos, Story boards, Student Presentations, Concept maps, Group Project / Presentation, Conduct of Quiz.

2.3. Involvement in curriculum updating / Design:

Story board design for the courses AI, OOAD, ML, C++.

MOOC Videos

Designed syllabi for courses related to AI, ML, Soft Computing, Cognitive Science, AI & Humanity.

Designed Lab Protocols for the courses like AI, OOAD, ML.

Prepared Lab manual for AI, SE lab.

Designed WIT & WILL for AI, ML and Operating System

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

Encouraging curiosity and exploration

Providing mentorship and guidance:
Facilitating access to research articles.

3.2. CCA/ECA Organized:

- Conduct of Internal Hackathon for KAVACH-2023 on 21st April, 2023.
- Conduct of 36hr Grand finale Hackathon for Smart India Hackathon-2022 from August 25th-26th, 2022.
- Conduct of 36hr Internal Hackathon for SIH-2022 from March 16th-March 17th, 2022.
- Conduct of 36hr Internal Hackathon for the theme "HealthCare4.0" in collaboration with JHUB at VNRVJIET.
- Alumni Homecoming Day, YUGMA, is organized every 3rd Saturday of December.

3.3. CCA/ECA participated:

3.4. Counseling and Mentoring Activity:

Mentor for AIML and IoT students

3.5. Committees involved in:

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:

4.2 Attended:

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:

5.5. Research Interests:

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	A trivial solution for detection of dropped packets forgery attack via aodv with location based hierarchy in	International Journal of Pure and Applied Mathematics,			International

	wireless sensor networks				
2	Study on diverse learning management system's impact in Education system and industries	Journal of Advanced Research in Dynamical and Control Systems,			International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Energy Efficient Communication protocol for Wireless Sensor Network with Mobile Node	EEE Conference, Recent Advances and Innovations in Engineering,	International	9-11 May
2	Effective Learner's Engagement by Leveraging Technology and E-learning Conference on "Contemporary HR issues in Changing Global Scenari	GITAM University, Hyderabad;	International	4th April 2014
3	Digital Platform for an Effective Learning	IEEE International Conference on MOOC, Innovation and Technology in Education (MITE)	International	December 2013
4	Deadlock detection using Neural Network"	International conference on Advanced Electronics and Communication Technology, K.C college of Engineering, Punjab	International	2011
5	Preemptive Dynamic Source Routing Protocol for Wireless Ad-hoc Networks with Backup Route	National Conference on Computing and Communication	National	2006

6	Optimizing Route –cache Life Time in Ad-hoc Networks using Frequent Routes	NASCOIT, Nepal	International	2006
7	A Parameter Selection Technique for Elliptical Curve Cryptography	NASCOIT, Nepal	International	2006

5.9. Sponsored Research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

Chilika App	Chilika Authority of Development	Jun 20-Aug 22	3.25 Lakhs	Chilika App
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5.11 Patents

Title of Invention	Publication Number	Publication Date	Application Number	Status
SYSTEM AND METHOD FOR AGRICULTURAL GRIEVANCE MANAGEMENT	04/2019	25/01/2019	201941001387	Published
SYSTEM AND METHOD FOR MAPPING ENTITIES SECURELY	12/2019	22/03/2019	201941010264	Published
A COLLABORATIVE UNMANNED AERIAL VEHICLE (UAV) SYSTEM	37/2019	13/09/2019	201931031317	Published
SYSTEM AND METHOD FOR AUTOMATICALLY DETECTING PLAGIARISM	37/2019	13/09/2019	201931034352	Published
SYSTEM AND METHOD FOR MANAGING ASSOCIATION AND DIS-ASSOCIATION OF FILES AMONGST USERS	38/2019	20/09/2019	201941033063	Published
A NOVEL SELECTION ALGORITHM BASED ON SIMILARITY THEORY	41/2019	18-09-2019	201941037560	Published

IoT BASED INTEGRATED DEVICE AND SYSTEM FOR HEALTH ANALYSIS	45/2019	08-11-2019	201931039857	Published
A SYSTEM TO HELP ACCESS SCHEMES OF GOVERNMENT TO PEOPLE HAVING A SINGLE INTERFACE	51/2019	20/12/2019	201931044851	Published

6. Awards / Honors received: –

7. Motto: Empowering Minds, Transforming Futures: Igniting the Power of Computer Science."