

Name : Dr.JAYASHREE TATINENI
Designation : Professor & Head; Mathematics
Department : Humanities and Sciences
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Experience (in years): Teaching: 32 **Research:** 8 **Others (If any, Specify):**

- Head, Dept of H&S., VNR VJiet, 2011 –till date
- Assoc. Professor, H & S Dept., VNR VJiet, 2006 -2011
- Reader, Department of Mathematics, Sri Venkateswara College, University of Delhi, Delhi since Dec1985
- Lecturer, Department of Mathematics, Daulat Ram College, University of Delhi, Aug TO Dec.
- Visiting Reader for PG courses, Department of Mathematics, South Campus, University of Delhi
- Counselor, IGNOU for its various programmes.

1. Educational/ Technical Qualifications

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D.	2002	Automated Reasoning
2.	M.Phil.	1987	Mathematics (C* Algebras)
3.	M.Sc.	1984	Mathematics
4.	B.Sc.	1982	Mathematics
5.	+2, CBSE Board	1979	
6.	10 th , Secondary School Examination	1977	

2. Teaching and Learning:

2.1 Teaching Interests:

- Probability & Statistics
- Propositional Logic
- Math for Machine Learning and Artificial Intelligence

2.2. Novel Teaching & Learning Techniques adopted: Blended Learning techniques – Screencast, Plickers, Flipped class room, Think-Pair-Share, etc.

2.3. Involvement in curriculum updating / Design:

As Board of Studies chairperson – involved in designing Mathematics and Statistics papers relevant to engineering disciplines

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Working in social organizations.

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated:

- Working as mentoring coordinator as part of the integrated MTP program to assist in grooming the students.
- Organized many introductory programs in Mentoring and Induction for the staff as well as students

3.4. Counseling and Mentoring Activity: Coordinating Mentoring programs at VNR VJiet as part of MTP

3.5. Committees involved in:

Department level: BOS

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted: Workshop on “Outcome Based Teaching- Learning, Evaluation and Assessment Strategies” from 25 June to 27th June, 2019

4.2 Attended:

- Training programme at DRDO in Computer Programming and Computer Graphics.
- Refresher course in many areas of Mathematics and Computer Science during 1987 to 1997
- Conducted a workshop, Computational Methods and Mathematical modeling for Scientists and Engineers, CMMSE at VNR VJIET in December, 2009
- Incremental Prime Implicant Generation of Nested Prepositional Formulae, MATEIT, Deendayal Upadaya College, New Delhi.
- Attended the International Conference on Engineering & Applied Sciences held at Singapore from 15th to 17th August, 2014.
- Presented a paper at National Conference, MATEIT, Delhi.
- Data Analytics Using R by NITW from 6th -10th May, 2018

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Delivered a guest Lecture on “ Active Learning Methods “at Bhavan’s Degree College, Sainikpuri, Secunderabad, Telangana

5.2. Articles/Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided:

a) UG: 5

b) PG:

5.5. Research Interests:

- Pattern Recognition
- Feature Extraction,
- Automated Reasoning.
- Education Technology
- Math in Machine Learning and AI

5.6. Ph.D students: Presently guiding a Ph.D. student in the topic, Pattern Recognition.

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.					

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/Seminars	National/ International	ISBN/ISSN No.	Period
1	A Novel Approach to Teaching of Mathematics for Application & Innovation in Engineering	International Scientific Conference of Engg. & Applied Sciences	International	978-986-89844-9-3	15 th to 17 th Aug, 2014
2	Visualize to Realize through Career Vision Approach	National Conference on Student Driven research for Inspired Learning in Science & technology	National		October 16-17, 2015
3	Usefulness and Practicality of Online Moodle quizzes to enhance the learning process for Foundation	Moodle Moot India	International		December, 2018

	Mathematics courses in Engineering				
4.	"Improving Learning in First Year Mathematics courses in Engineering Education using Learning Analytics"	Machine Learning and Artificial Intelligence	National	0972-8031	1-3 Feb, 2020

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
	Nil				

5.10 Consultancy Projects:

- Submitted a project proposal to DST-NSTMIS for funding.
Title of Project: A strategic design for quality improvement of teaching faculty in private engineering Institutes.
Preliminary Investigation in progress
- Submitting a proposal to MHRD under PMMMNMTT for establishing a Teaching Learning Centre at VNRVJIE

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
	Nil				

6. Awards / Honors received:

7. Motto:

- Purpose of life- Happiness
- Obstacles will be there in the path – Accept it – climb over it or around it as long as you do not remain static and expect others to solve it for you.