

Name : T. GNANA PRAKASH
Designation: Assistant Professor
Department: Computer Science & Engineering
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Experience (in years): Teaching: 14 Research: 05 Others(if any, specify): 1

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	B.Tech	2006	CSE
2.	M.Tech	2010	CSE
3.	(Ph.D)	Pursuing	CSE

2. Teaching and Learning:

2.1. Teaching Interests:

Soft Computing, Business Analytics, Operating Systems, Mobile Computing, Data Mining and Warehousing, Computer Networks, Information Security, Object Oriented Analysis and Design, Software Testing Methodologies, Object Oriented Programming thro Java, Software Testing Methodologies, Web Services, Service Oriented Architecture, Web Technologies, Unix & Shell Programming, Network Management Systems, etc

2.2. Novel Teaching & Learning Techniques adopted:

WIT & WIL, Chalk & Talk, Power Point Presentation, Learning by Doing, Online Tools like Microsoft Meet, MS white board, Google Classroom, Zoom, Etc.

2.3. Involvement in curriculum updating / Design: NA

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Teaching, Motivating, Organizing, Research, Playing and listening to Music, Reading, etc

3.2. CCA/ECA Organized:

- Organized Guest lecture on Operating Systems for III CSE Students.
- Organized Guest lecture on Cloud Computing for IV CSE Students
- Conducted Career Vision Sessions for 1CSE Students.

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity: Mentoring about 25 students from all four years and counseling them regarding the academic and other related issues

3.5. Committees involved in:

Department level:

- Department Library In-charge
- Training and Placement Activities
- Conduira training
- Career Vision

- Vignana Vahini, Vignana Deepikalu
- Institute Level:
- In-charge for Classroom Quality Improvement Monitoring
 - Coordinator, M.Tech CSE PG School

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

- Organizing member, InDas 2014, International Conference
- Organized Guest lecture on Operating Systems for III CSE Students.
- Member of Publicity team of ICACECS-20 and ICACECS-21

4.2 Attended:

- Attended Workshop on “Advanced Data Mining Concepts “ in May 2012
- Attended “Art of Teaching “ Workshop at IIIT Hyd in Dec 2012
- Attended workshop on “Entrepreneurship development” in August 2012
- Attended Refreshing course on CIT at IIITH
- Attended workshop on “Creativity for Teaching “ in Feb 2013
- Attended POGIL introduction in May 2013
- Attended national workshop on “Information Retrieval” in May 2014
- National Workshop on Big Data Analytics & Cloud Computing 4th – 6th September 2014
- National Workshop on Emerging trends in Social Media and Mobile Applications, 13th – 15th November 2014
- Workshop on English Language Proficiency and Personal Effectiveness 12th – 17th May 2014
- Attended Audit and Credit courses at JNTUK, Kakinada from 1st to 31st may 2016.
- Attended FDP on Recent Trends in Image Processing from 20th - 22nd march 2017 at VNRVJIET, Hyderabad.
- Attended Workshop on “Augmented and Virtual Reality” from Jan 22 -27th2018, at VNRVJIET, Hyderabad
- Attended 3-day online FDP on Digital and Online Teaching Tools from March 26-28 conducted by VNRVJIET.
- Attended Webinar on “E-Vehicle Design using MATLAB” conducted by Pantech and VNRVJIET on 29th May 2020
- Attended 5-Day Online FDP on “Cyber Security” from June 2-6 2020, conducted by ECE & IT Depts, VNRVJIET, Hyderabad
- Attended 2-day Online FDP on “Effective Technical Report Writing using LaTeX” from June 8-9, 2020, by ECE dept, MGIT, Hyderabad
- Awarded with a certificate of Appreciation for National Level online Quiz on “E-Learning” on 16/6/2020 by PVPP College of Engineering, Mumbai.
- Attended one-week Online FDP on “Cloud Computing and DevOps” from June 23-27, 2020, conducted by CSE Dept, VNRVJIET, Hyderabad.

- Attended one week FDP on "Recent Advancements on ML & DL" from April 26th to 30th 2021, conducted by CSE Dept, VNRVJIET, Hyderabad.
- Attended Knowledge sharing session on "Social Media Analytics" on 21st May, 2021 conducted by CSE Dept, VNRVJIET, Hyderabad.
- Attended FDP on Artificial Intelligence from 25th to 27th March 2021 conducted by CSE Dept, VNRVJIET, Hyderabad.

5. Academic Contribution and Research & Consultancy:

- 5.1. Invited Lectures: 02
- 5.2. Articles/Chapters published in Books: 04
- 5.3. Books published as single author or as editor: Nil
- 5.4. Projects Guided:
- UG: 16
 - PG: 03

5.5. Research Interests: Machine and Deep Learning, Computer Vision, Image Processing, Pattern Recognition, Data Mining, Big Data, Wireless Sensor Networks, SOA, Virtual and Augmented Reality

- 5.6. Ph.D. students: NA
- Enrolled: NIL
 - Submitted: NIL
 - Awarded: NIL

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	Conversion of a 2-D Image to 3-D Image and Processing the Image Based on Coded Structured Light	International Journal of Engineering Trends and Technology (IJETT) – Vol 29 Number 7	ISSN: 2231-5381	2.88	International
2.	Data Visualization and Communication by Big Data	International Research Journal of Engineering and Technology (IRJET) Volume: 03 Issue: 02 Feb-2016	e-ISSN: 2395 - 0056 p-ISSN: 2395-0072	6.171	International
3.	One Class Clustering Tree To Enact One-To-Many Data Linkage Using Different Splitting Criteria	International Journal Of Computer Engineering And Applications, Volume X, Issue VII, July 16	2321-3469	4.382	International

4	Text Extraction from Image using Python	International Journal of Trend in Scientific Research and Development (IJTSRD) vol 1 iss6	2456-6470	4.101	International
5	3DTumor segmentation using surface rendering technique Pp. No.: 3-8	CRC Press Taylor & Francis in Communication and Computing Systems	doi:10.1201/9780429444272		International
6	Brain tumor detection using supervisory nearest neighbor algorithm	CRC Press Taylor & Francis in Communication and Computing Systems	doi:10.1201/9780429444272		International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Time Domain Signal Detection for MIMO OFDM Systems	National conference-CPEDS 2010, Andhra university, Vizag, AP, India	National	30,31st May,2010
2	E-Counsellor: A Novel Mechanism based on RBF and Fuzzy Neural Networks	National Conference on Recent Trends in Information Technology (NCRIT 2k16) at PVPSIT, Vijayawada.	National	March 2016
3	A New Approach for Predicting Gender of Author from written Texts	ICNTET-2018 International Conference on New Trends in Engg & Tech (ICNTET-2018)	International	June 2018
4	Deep Learning Model to Recognize Text in Complex Images	International Conference on Advances in Computer Engineering and Communication Systems (ICACECS 2020)", organized by the Department of CSE, VNR VJIET	International	August 2020

5	Deep Learning Model to Recognize Text in Complex Images: A Surve	International Conference on Advances in Computer Engineering and Communication Systems (ICACECS 2020)", organized by the Department of CSE, VNR VJJET	International	August 2020
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5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NIL

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

- NET, SET, FET Qualified
- NPTEL-Fundamentals of Database Systems Certificate Course.
- Coursera Certificate on "AI for Everyone".
- Ratified as Assistant Professor by JNTUH in 2010.

7. Motto: Knowledge is Power and Wisdom is Divine