

# Dr. T V RAJINI KANTH

## Professor & Convener RDC



**Education Qualifications:** Doctor of Philosophy (CSE)

**Specialization:** AI, ML, DATA SCIENCE, DATA MINING, COMPUTER VISION

### ADDRESS:

- D – Block -Room No -101

### JNTUH ID:

02150406-222518

### EMAIL:

tvrajinikanth\_cse@mgit.ac.in

### DATE OF JOINING:

05-12-2024

### EXPERIENCE - 28 Years

- Teaching & R&D

### SUMMARY:

- Publications 130
- International Journals & Conferences
- Honors/Awards - 6

### EVENTS:

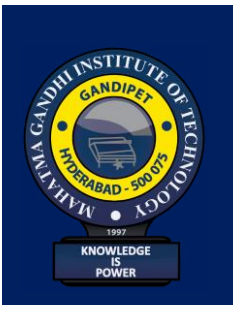
- Organized - 60
- Attended - 40

## Dr T V RAJINI KANTH

Dr T V RAJINI KANTH is currently working as Professor and Convener RDC, Department of ET, MGIT, Hyderabad. Earlier to that he was Professor & Head, Department of CSE – AI & ML, Sreenidhi Institute of Science & Technology, Hyderabad. He is having 28 years of Teaching and 16 years of Research Experience. He completed his Ph.D. in Computer Science in Osmania University-Hyderabad in 2008. He has guided 12 Ph. D. scholars and all of them got awarded.

He is IEEE Senior Member. He is a life member of Indian Society of Technical Education, IEEE and Computer Society of India, SOCIETY FOR DEVELOPMENT OF STATISTICS (SDS) – Life Membership LM-129/18 and IETE Life Membership LM94613. He had published 130 research papers in reputed National and International Conferences, International and National Journals. He is currently a BOS member for Andhra University, AP and a BOS member for JNTUH. He is a member of BOS for Board of Intermediate Education - Vocational Courses 2024.

He fetched research grants from UGC–Rs1,10,00/-, and JNTUH-TEQIP Joint Collaboration project – Rs. 2,90,000/- and these two projects were completed. As a Co-Principle Investigator received AICTE Grant: Rs.4,40,000/-. Received Best Project Award in the summer Internship project competition organized by Intel R & D at Bangalore and won Prize money of Rs30,000/-. He has received International Conference Grants to conduct International conferences as convener AICTE: Rs.70,000/- (ICACM-2011), DST: Rs.75,000/- (ICACM-2013). He has guided Projects B. Tech Projects: 150, and M. Tech Projects: 45. His writings have appeared in numerous Professional conferences and Journals with a total of 130 Papers. His papers got many citations. Google Scholar: Citations - 802, h-Index - 14, i10- index 20; Scopus: Citations – 252, Documents – 50, h-index – 10; Research Gate: Citations – 462, Reads –21,193, Research Interest Score–357.4, h-index-13. His research interest includes Data Science, Big Data Analytics, Machine Learning, Artificial Intelligence and Deep learning. He has received “Best Engineering Faculty Award” by ISTE – Telangana and also received Best Computer Science Professor Award by CSI, at IIT Bombay. He has also received OUTSTANDING SCIENTIST AWARD at IOSRD Research Awards in 130th International Research Awards on Electrical, Electronics Engineering & Power Technology held on 25th JAN 2019 at Nagpur, India Organized by International Organization of Scientific Research and Development (IOSRD). Apart from that he has received Reviewer of The Year Award 2017, by MTRES New Delhi., 2017, and also Author of The Year Award 2017, by MTRES New Delhi. 2017. The other awards received are Best Teacher Award 2014-15, 2015-16, 2017-18 by SNIST, Hyderabad, Best Researcher Award 2013-2014, 2014-2015, 2015-2016, 2021-22, 2023-24 by SNIST, Hyderabad.



### Membership of Professional Bodies:

Society For Development Of Statistics (SDS) - LM-129/18

IETE: LM94613 Thatiparti Venkata Rajini Kanth (ID: 57205353431)

CSI: Mem.No:N1161307

IEEE: Member#92238935 – IEEE Senior Member

### Responsibilities Held at Institution Level:

Convener RDC, Coordinator AI Hack Day 2025

### Responsibilities Held at Department Level:

1. BOS, AQAR
2. Convener for National Level FDP in collaboration with NITW & Ministry of Electronics & IT

### Research Guidance:

3. 12 got awarded Ph. D. in CSE

### Honors/Awards Received:

4. Best Engineering Faculty of The Year Award 2018, ISTE Telangana Section, 2018



5. Best Faculty Of The Year Award 2018 by CSI – held at IIT Bombay



6. Reviewer of The Year Award 2017, by MTRES New Delhi., 2017
7. Author of The Year Award 2017, by MTRES New Delhi. 2017.
8. Best Teacher Award 2014-15, 2015-16, 2017-18 by SNIST, Hyderabad
9. Best Researcher Award 2013-2014, 2014-2015, 2015-2016, 2021-22, 2023-24 by SNIST, Hyderabad.
10. Outstanding Scientist Award At IOSRD Research Awards in 130th International Research Awards on Electrical, Electronics Engineering & Power Technology held on 25th JAN 2019 at Nagpur, India Organized by International Organization of Scientific Research and Development (IOSRD).
11. Felicitation at NOVOTEL, Hyderabad on 31-07-2022 by IEEE Society Hyderabad Chapter, IEEE Hyderabad Mentorship Programme for Student Members (IHMPs)-2021-AGM across Two States AP & Telangana.
12. Acted as panel member in Future of S.T.E.A.M Careers held at ISB

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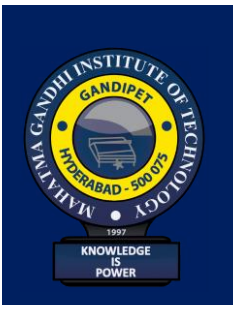
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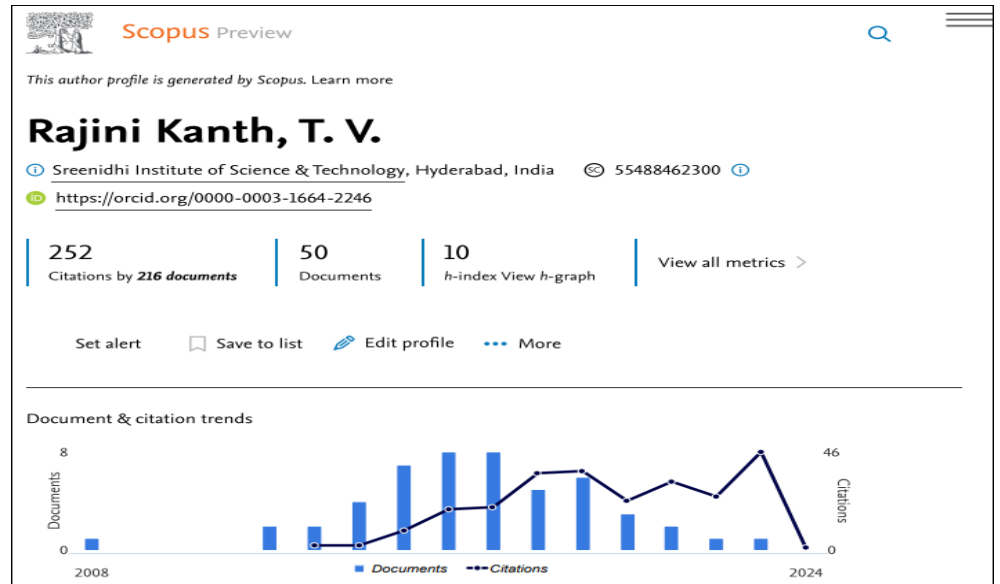
- Received Best Project Award in the summer Internship project competition organized by Intel R & D at Bangalore and won Prize money of Rs.30,000/-.
- Falicationation at ESCI, Hyderabad by Dr Rameswar Rao, Director ESCI and adjacent is Mr Umapathi Rao garu Inspector of Police (Retd.) and Dr K Venkateshwar Rao sir JNTUH Registrar on the occasion of Academic Leadership excellence

### Courses Handled at Under Graduate /Post Graduate Level:

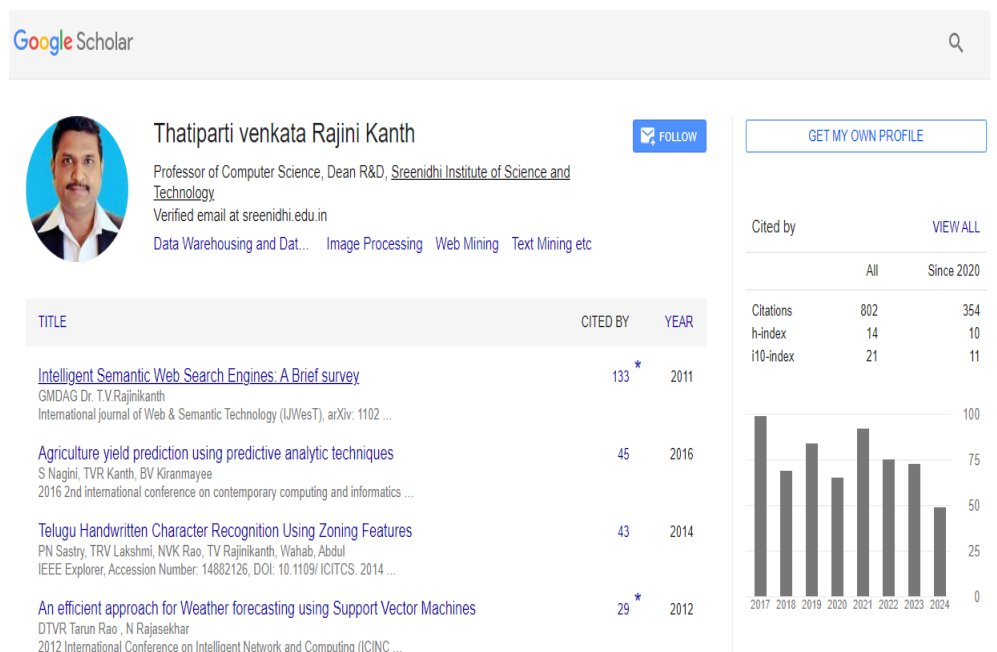
- UG:** AI, Machine Learning, Data Analytics, Image Processing, DM, Data Science, NLP, Big Dat a Analytics, Advance AI & Deep Learning
- PG:** Image Processing, Machine Learning, AI

### Publications:

### Scopus citation



### Google scholar Citation



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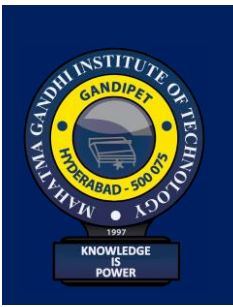
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## Research Gate



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### Patents:

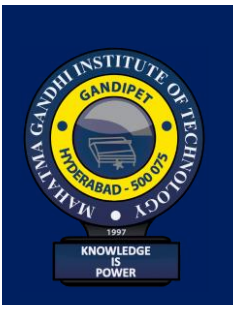
1. Patent Was published in Official Journal of The Patent Office with Issue No.: 36/2018 FRIDAY App No: TEMP/E-1/35590/2018-CHE Dt.: 07/09/2018 Docket No: 63014 Application No.: 201841032703  
Title of the Invention: “Autonomous Visual Tracking System And Method”

### BEST PAPER AWARD:

Academic Society for computer systems and Information Technologies certified that his Paper titled “Design and Analysis of Novel Similarity Measure for Clustering and Classification of High Dimensional Text Documents” has been rewarded with the CRYSTAL CUBE PRIZE for best paper award of International Conference on Computer Systems and Technologies - CompSysTech'14, from Permissions@acm.org. CompSysTech'14, June27-28 2014, Ruse, Bulgaria.

### No. of Books/Chapter Published with details:

1. Heart Attack Classification Using SVM with LDA and PCA Linear Transformation Techniques
2. “A Unique Procedure for Accurate Recognition of Software Failures: A Software Reliability Growth Model Based on Special Case of Generalized Gamma Mixture Model”
3. “A Comparative Study of Data Mining Tools and Techniques for Business Intelligence”, Performance Management of Integrated Systems and its Applications in Software Engineering, DOI 978-981-13-8253-6\_15, © 2020
4. “Chennai Weather Data Analysis Using Hybrid Data Mining Techniques”, Applications of Robotics in Industry Using Advanced Mechanisms, DOI 978-3-030-30271-9\_33, © 2020
5. “Assay: Hybrid Approach for Sentiment Analysis”, Information and Communication Technology for Intelligent Systems, DOI 978-981-13-1742-2\_30, © 2019
6. “Feature Optimization to Recognize Telugu Handwritten Characters by Implementing DE and PSO Techniques”, Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications, DOI 978-981-10-3156-4\_41, © 2017
7. “Static Program Behavior Tracing for Program Similarity Quantification”, Proceedings of the First International Conference on Computational Intelligence and Informatics, DOI 978-981-10-2471-9\_31, © 2017
8. “Weighted Co-clustering Approach for Heart Disease Analysis”, Proceedings of the First International Conference on Computational Intelligence and Informatics, DOI 978-981-10-2471-9\_50, © 2017

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9. “Autonomous Visual Tracking with Extended Kalman Filter Estimator for Micro Aerial Vehicles” by SPRINGER Proceedings of the 5th International Conference on ‘Fuzzy and Neuro Computing – FANCCO-2015’, DOI 978-3-319-27212-2\_3, © 2015, ISBN 978-3-319-27212-2

**Session Chair:**

1. Session Chair in AI&ML track in ICACII 2023 held at Anurag University, Hyderabad during 22-23 Dec 2023.
2. “Session Chair for Applied Computational Intelligence” in an International Conference of SNIST – International Conference on Intelligent Controller and Computing for Smart Power ICICCSP-2022 held at Marriot Hotel on 22-07-2022
3. Conference Chair in the First International Conference on Information Technology , Computing & Applications ( ICITCA - Online) organized by RSP Conference Hub, Coimbatore and Sreenidhi Institute of Science & Technology , Hyderabad dated 6th and 7th May 2021.
4. Chair-Technical Session -- International Conference on Advances in Computational Intelligence and Informatics (ICACII – 2019) in Collaboration with Springer by Anurag Group of Institutions, Hyderabad, Telangana, India, during December 20th – 21st, 2019
5. 66th CSI International Conference – Organized by JNTUH, 13-14 Dec 2014
6. ICCCT in association with IEEE – organized by Osmania University 11-13 Dec 2014
7. ICRSKT-2014 - organized by JNTUH 09-11 Nov 2014
8. 2nd World Conference on Applied Sciences, Engineering & Technology (WCSET 2013) held on 08-09 Mar 2013 at GITAM, Hyderabad.
9. International Conference on Advanced Computing Technologies ICACT-08 held at GRIET.

**REVIEWER:**

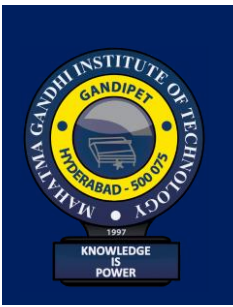
International Conferences: ICACECS-2022, ICACM-2011, ICACM-2013, ICRSKT, ITQM, ICCCT etc., Review Committee Member\Editorial Board member: 18 International Journals namely IJAEGT, IJAC, JDECS, IJEAT, IJAENT, etc.

**INDUSTRIAL VISITS:**

- Organizing Industrial Visits to INCOIS, NGRI, INFOSYS, CYIENT, BALAVIKAS, TCS, THub etc.

**COLLABORATIONS / MOU's:**

- BITS – Pilani Hyderabad campus For Research and Projects Collaboration
- INTEL R&D – Completed 18 Projects
- INCOIS – 06 M Tech Projects
- TCS R&D – 01 M Tech Project
- NIT Warangal – Exploring collaborative Research Projects and also conducted 1 FDP with 112 participations across India on Deep Learning Algorithms and Applications in Engineering and Sciences
- ESCI : Conducted National Skill Development program, India training Program for AI – Machine Learning Engineer certification program at Campus
- Few companies at THub are at pipeline for project based consultancy and suitable internships also.



#### CONSULTANCY AMOUNT GENERATED TO COLLEGE:

- Conducted 3 – day Training program on AI Technologies and Apps titled “FUN with AI” required to high school students of Mallareddy Memorial School MRMS, Varni, Nizamabad and generated a consultancy amount of Rs50,000/-.

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