

Name: K VENKATA RAMANA
Designation: Assistant Professor
Department: Computer Science & Engineering
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Experience (in years): Teaching: 15 Research: 5 Others: Nil



1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	Submitted Thesis	CSE
2	M.Tech	2010	CSE

2. Teaching and Learning:

- 2.1 Teaching Interests: Data Structures, C Programming, Object Oriented Programming through C++, JAVA, Database Management Systems, Data Mining and Data Warehousing, Operating Systems, Computer Graphics, Design and Analysis of Algorithms.
- 2.2 Novel Teaching & Learning Techniques adopted: PPT's, Video Lectures, Demonstrations and Discussions on Recent Paper Publications.
- 2.3 Involvement in curriculum updating / Design: Nil

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Learning new technologies
- To motivate students towards research
- To provide good attitude & education to our students
- Browsing internet
- Reading Books

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated:

- Participated as a volunteer in 3rd Research Methodology Course organized by JNTU, Hyderabad from 16 December to 21 December 2013.
- Chair & Member review Committee for International Conferences

3.4. Counseling and Mentoring Activity:

- Actively involved in counseling and mentoring the pre final year students towards placing in a high package software firms.
- Motivating the students towards paper publication, presenting papers in Conferences and participation in the workshops.

3.5. Committees involved in:

Department level: Training & Placement

Institute Level: Training & Placement

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

- Program coordinator for “High Intensity Training Program” for pre final year students organized by MTP cell, VNR Vignana Jyothi Institute of Engineering and Technology. (08.06.2019 – 18.06.2019)

4.2 Attended:

- One day workshop on “Principles of Effective Teaching and Learning”; on 10 August 2008 at Bhoj Reddy Engineering College for Women, Hyderabad.
- A two day workshop on “National Conference on Mathematical Modelling in Engineering and Technology”; 13-02-2010 to 14-02-2010; at Stanley College of Engineering & Technology for Women, Hyderabad.
- A Two day workshop on “Mobile and Distributed Computing Applications”; 06-12-2012 to 07-12-2012; at G.Narayanamma Institute of Technology & Science, Hyderabad.
- A one week workshop on “ Research Methodology Course”; 16-12-2013 to 21-12-2013; By Research and Development Cell-JNTU, Hyderabad.
- A Two day workshop on “Security Compliance and Governance in Cloud”; 08-01-2015 to 09-01-2015; organized by Department of CSE, G.Narayanamma Institute of Technology & Science, Hyderabad.
- A Two Day workshop on “Data Mining using WEKA Tool”; 23-01-2015 to 24-01-2015; by Department of IT & CSE, MVSR Engineering College, Hyderabad.
- One day workshop on “Fundamentals of Hadoop”, on 12-09-2015, By Department of CSE, Bhoj Reddy Engineering College for women, Hyderabad.
- A Two Day National Conference on “Mathematical Modelling in Engineering and Technology”; From 13-02-2010 to 14-02-2010; by Stanly College of Engineering & Technology for Women.
- A Two Day National Conference on “Information and Communication Technologies Research – Challenges and Opportunities”; From 19-08-2016 to 20-08-2016; by Aurora’s Research & Development Cell.
- Participated in one-week Faculty Development Program on “Web Services and Internet of Things” organized by Dept of CSE, GNITS from 1st December to 5th December 2015.
- Participated in MeitY, Govt. of India, Sponsored one-week Faculty Development Program on “Data Analytics with R” organized by the E & ICT Academy, National Institute of Technology, Warangal at VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, from 15th May to 20th May 2017.
- Participated in two-week Faculty Development Program on “Software Engineering Best Practices (Java)” organized by EPAM Systems India Pvt. Ltd. (12 - 23 November 2018).
- Participated in one-week Faculty Development Program on “Artificial Intelligence” organized by Department of CSE & IT, BVRIT College of Engineering for Women in association with NYCI & Brainovision Solutions India Pvt. Ltd. (22 – 26 May 2020)
- Participated in one-week Faculty Development Program on “Introduction to Artificial Intelligence and Machine Learning” organized by Dept of CSE, Geethanjali College of Engineering and Technology in association with CSI Hyderabad. (25 - 30 May 2020).
- Participated in one-week Faculty Development Program on “Python 3.4.3” organized by Vaagdevi College of Engineering in association with training offered by the spoken tutorial project, IIT Bombay funded by the National Mission on Education through ICT, MHRD, Govt. of Inida. (1 – 6 June 2020)
- Participated in one-week Faculty Development Program on “Big Data Tools” organized by St. Martin’s Engineering College in association with computer society of India, Hyderabad. (18 - 23 May 2020)
- Participated in two-week Faculty Development Program on “AI, ML and DP applications to Smart Grid”, organized by dept of EEE, VNR Vignana Jyothi Institute of Engineering and Technology in association with DST. (25th November - 6th December)
- Participated in one-week Faculty Development Program on “Python for Machine Learning”, organized by Department of Computer Science and Engineering, VNR

Vignana Jyothi Institute of Engineering and Technology in collaboration with Computer Society of India (CSI). (18th May 2020 - 23rd May 2020).

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

- Presented a paper titled “A Novel Code Mining Framework for Detection of Defects in Source Code” at International Conference on “Research Advancements in Computer Science and Communication” (ICRASC-2016) organized by B.V.Raju Institute of Technology. (29-30 December 2016).
- Presented a paper titled “Comparative Study of Clone Detection Methodology to Improve Software Quality Maintenance” at National Conference on “Information and Communication Technologies Research – Challenges and Opportunities” organized by Aurora’s Research & Development Cell. (19-20 August 2016).
- Delivered a guest lecture on “C and Data Structures” at Vignana Bharathi Institute of Technology (9 - 10 Jan 2015)
- Delivered a guest lecture on “ C and Data Structures”, at VNR Vignana Jyothi Institute of Engineering and Technology (21 - 23 August 2017)
- Delivered a guest lecture on “C and Data Structures” at KITS, Warangal. (23 – 24 March. 2019)
- Delivered a guest lecture on “Technical MCQs on C” at OU, Hyderabad. (14th July 2019).

5.2. Articles / Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

- a) UG: 6
- b) PG: 30

5.5. Research Interests: Source Code Mining, Machine Learning

5.6. Ph.D students:

- a) Enrolled: Nil
- b) Submitted: Nil
- c) 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	Investigation of Source Code Mining using Novel Code Mining Parameter Matrix: Recent State of Art	International Journal of Latest Trends in Engineering and Technology Vol No: 7 PP.87-97	2278-621X	0.685	International
2	A Novel Automatic Source Code Defects Detection Framework and Evaluation on Popular Java Open Source APIs	International Journal of Advanced Research in Computer	0976-5697	1.225	International

		Science, Vol. 8, No.5, PP.1741- 1746			
3	An Evaluation of Popular Code Mining Frameworks through Severity Based Defect Rule	International Journal of Emerging Technology and Advanced Engineering Vol.7, No.6, PP.375-380	2250-2459	0.35	
4	A Severity Based Source Code Defect Fining Framework and Improvements over Methods	International Journal of Applied Engineering Research, Vol.12, No.24, PP.15202-15214	0973-4562	0.15	International

5.8. Papers presented at National / International Conferences:

S. No	Title of the Paper	Name of the Conference / Seminar	National / International	Period
1	A Novel Code Mining Framework for Detection of Defects in Source Code	International Conference on Research Advancements in Computer Science and Communication	International	2 days

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	Grant amount	Ongoing / Completed

6. Awards / Honors received: Nil

7. Motto: To dedicate my services in the field of teaching by motivating the students to excel in their Research & Academics.