Name: Dr. KANAKALA SRINIVAS
Designation: Assistant Professor
Department: Computer Science & Engineering
Mail ID: srinivas_k@vnrvjiet.in

Experience (in years): Teaching: 15   Research: 5   Others(if any, specify): Nil

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D (Osmania University)	2018	CSE
2	M. Tech.(JNTUH)	2008	Software Engineering
3	B.Tech.(JNTUH)	2004	CSIT

2. Teaching and Learning:

2.1. **Teaching Interests:** Database Management Systems, C language, Web Technologies, Operating Systems, Data Mining ,Object oriented programming through JAVA, Software Architecture and Design Patterns,etc.

2.2. **Novel Teaching & Learning Techniques adopted**: POGIL, Simulations, WIT & WIL, and PPT's, Learn by doing, Brain Storming, Quizzing, Learning By Doing (LBD), Group Discussions, Videos, Films   and Visuals, Student Presentations, Concept maps, Group Project / Presentation, L

2.3. **Involvement in curriculum updating / Design:** Designed courses for Data Mining, Mobile Computing.

3. Co-curricular and Extra-Curricular Activities

3.1. **Interests and Hobbies**:

- To motivate students towards research and serving the nation.
- To motivate students towards doing the projects required for college and let the students get real exposure.
- Browsing internet and Reading Books.
- Watching Cricket.

3.2. **Counseling and Mentoring Activity**: Counsels and motivates students allotted to me

3.5. **Committees involved in**:

Department level: R&D committee Member, M.Tech Project Coordinator, ED Cell coordinator, Knowledge Asset committee member, NBA, NAAC files committee, Class In charge, Remedial classes in charge, Bridge classes in charge, Springer conference publication committee

4. Conference / Workshop / Seminar / Guest Lectures:
4.1. **Attended:**

1. Faculty Development Program on "Foundation Program 5.0", held at MLR Institute of Technology, Hyderabad from 2nd-6th January 2017, conducted by Infosys limited.

2. Quality Improvement Programme on 'Instructional Design and Delivery System" held at VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad from 11th to 16th December 2017 ,conducted by National Institute of Technical Teachers Training &Research, Chennai, Government of India, Ministry of HRD.

3. Faculty Development Program on "Data analytics with R", held at VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad from 15th-20th May Organized by the E&ICT Academy, NIT Warangal.

4. Successfully completed NPTEL Online Certification course on 'Introduction to Data Analytics", July –Sep 2017 conducted by IIT Madras, funded by the Ministry of HRD, Government of India.

5. Faculty Development Program on "IoT and Cloud Computing", held at CVR College of Engineering, Hyderabad from 6th April -11th April 2017.

6. International Conference on "*Transformations in Engineering Education",* organized by B.V.B College of Engineering &Technology, Jan 2014.

7. TEQIP-II Sponsored 5 Days Short Term Training Programme on "Wireless Simulations" organized by Department of Information Technology ,RIT, Sangli, during June 2-6 ,2014.

8. Workshop on "*Curriculum Design using Outcome Based Education Framework*", Organized by B.V.B College of Engineering &Technology, Jan 2014.

9. Short-Term Course on "*Engineering Research Methodology*" Organized by Osmania University, Hyderabad, in Feb 2012.

10. National Workshop on "*Network Simulators for Wired and Wireless Networks with Security*", Organized by JNTUH College of Engineering, Karimnagar, in Dec 2010.

11. Tutorial on "*An Introduction to Pattern Recognition and Applications*" conducted by Vaagdevi College of Engineering in Dec 2010.

12. Tutorial on "*Modeling Malware Spreading: Aiming at a Moving Target*" organized by IEEE Hyderabad Section and Vaagdevi College of Engineering in Dec 2010.

13. National level workshop on "*Data Mining Tools*", conducted by Vaagdevi College of Engineering in Nov 2010.

14. AICTE Sponsored S*taff Development Programme* on *"Web Technologies"* organized by JITS, Narsampet in June 2010.

15. International Conference on "*IT for Real World Problems*", organized by Vaagdevi College of Engineering in December 2009.

16. Workshop on *"Systems Integration"* organized by Microsoft & IEG/JKC through MANA TV at Vaagdevi College of Engineering in February 2009.

17. Faculty development Workshop on *"Neural networks and EJB"* conducted by Vaagdevi College of Engineering in November 2009.

18. International Symposium on, "*Information Technology for Real World Problems",* conducted by Vaagdevi College of engineering in August 2008.

19. Workshop on *"Java Struts and Multimedia"* conducted by Vaagdevi College of Engineering in November 2008.

20. Workshop on "*Data Mining, Neural networks, Advanced JAVA Technologies and Effective Teaching Methodologies"*, conducted by Vaagdevi College of Engineering in December 2007.

21. UGC Sponsored Refresher course on "Mobile Computing", conducted by JNTUH in November 2004.

22. Successfully completed NPTEL Online Certification course on 'Programming, Data Structures And Algorithms Using Python", Aug –Sep 2018 conducted by IIT Madras, funded by the Ministry of HRD, Government of India.

23. Successfully completed NPTEL Online Certification course on 'Introduction to Data Analytics", July –Sep 2017 conducted by IIT Madras, funded by the Ministry of HRD, Government of India.

24. Completed Coursera Online certification on Data Analysis with Python by IBM,June 2020.

25. Completed Coursera Online certification on Tools for Data Science by IBM july 2020.

26. Completed Coursera Online certification on AI For Everyone July 2020.

27. Completed Coursera Online certification on Natural Language Processing in TensorFlow, July 2020.

28. Completed Coursera Online certification on What is Data Science? ,July 2020.

29. Completed Coursera Online certification on Introduction to Relational Database and SQL, July 2020.

30. Completed Coursera Online certification on Manipulating Data with SQL, July 2020.

31. Completed Coursera Online certification onProgramming for Everybody (Getting Started with Python), April 2020.

32. Completed Coursera Online certification on SQL for Data Science, July 2020.

33. Completed Edx Online certification on Analyzing data with Python, June 2020.

5. Academic Contribution and Research & Consultancy:

5.1 **Invited lectures:** Nil

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: 35
      b) PG: 6

5.5. **Research Interests:** Data Science, 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	Energy-Efficient Cluster Based Routing Protocol in Mobile Ad Hoc Networks Using Network Coding	Journal of Computer Networks and Communications, vol. 2014, Article ID 351020, 12 pages,2014.	ISSN: 2090-715X	H Index 5.	International
2	Connected Dominating Set-based Broadcasting in Mobile Ad-Hoc Networks using Network Coding	International Journal of Applied Engineering Research	ISSN No. 1087--1090		International
3	Network Coding for Energy Efficiency in Wireless Networks	International Journal of Advanced Research in Computer Science, Volume 5, No. 4, April 2014	ISSN No. 0976-5697		International
4	Survey on Minimizing Energy Consumption in Mobile Adhoc Networks	International Journal of Advances in Computer Science and Technology, Volume 3,	ISSN No. 2249 – 5452		International

		No.12, Dec 2014 pp.495-500			
5	Plant Disease Detection Using Convolutional Neural Networks	International Journal of Advanced Trends in Computer Science and Engineering, Volume 9,No.3,June 2020,	ISSN 2278-3091 ,pp.2632-2637		International
6	Generating Analytics from Web Log	International Journal of Engineering and Advanced Technology (IJEAT), , Volume-9 Issue-4, April 2020,pp.161-165.	ISSN: 2249 – 8958		International
7	Identification of Opportunities for Coding in a Network	International Journal of Recent Technology and Engineering (IJRTE), Volume7, Issue5,Pages.140-144, January 2019	ISSN: 2277-3878		International
8	Comprehensive Data Analysis of Aarogyasri Scheme Progress in Telangana	Journal of Advanced Research in Dynamical and H index 6. ISSN 1943023, 1943023X Control Systems, Vol. 10, 07-Special Issue, 2018, pp. (421-434)			International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Performance Evaluation of Routing Protocols in Static and Dynamic Adhoc Networks Based on Energy Consumption	IEEE Vaagdevi International Conference on Information Technology for Real World Problems(VCON'2010), pp.47-51,	International	Dec. 2010
2	Network Coding-Aware Neighbor Based Topology Control in MANETs	2013 IEEE 2ndInternational Conference on Advanced Computing, Networking and Security(ADCONS'2013),organized by NIT Karnataka, India, pp.175-180,	International	Dec.2013
3	Wireless Network Coding: An Innovative Technology	IEEE International conference on Green Computing, Communication and Conservation of Energy (ICGCE-2013),pp.45-48	International	Dec.2013
4	Performance Evaluation of Network Coding-Aware Neighbor based Topology control Protocols in MANETs	IEEE International conference on Green Computing, Communication and Conservation of Energy (ICGCE-2013),pp.45-48,	International	Dec.2013
5	Network Coding-Aware Energy Efficient Routing Scheme in Mobile Ad-Hoc Networks	IEEE International Conference on Communication and Signal Processing (ICCSP' 14), pp.1030-1034,	International	April.2014
6	Adaptive ant colony network coding to neighbor topology based broadcasting techniques in MANETs	IEEE International Conference on Advances in Computing, Communications and Informatics (ICACCI-2014),pp.21632167,	International	september.2014
7	Plant Disease Detection Using Convolutional Neural Networks",	4th International Conference on Smart Computing and Informatics (Springer's Smart Innovation Systems and Technologies Series), 9-10,	International	October 2020
8	Detection and Classification of Intracranial Brain Hemorrhage",	International Conference on Wireless Sensor Networks, Ubiquitous Computing and Applications 2021, (Springer's Lecture Notes in Networks Systems (LNNS) Series),	International	26-27 ,February -2021

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:

1. Chaired a session in artificial intelligence and cognitive computing (AICC-2018) 2,3 FEB 2018, *MLRIT, Hyderabad* .
2. Worked as reviewer for IEEE Access Journal.
3. Worked as reviewer for British Journal of Applied Science & Technology
4. Worked as reviewer for Asian Journal of Mathematics and Computer Research.
5. Worked as reviewer for British Journal of Mathematics & Computer Science.

7. Motto: Excellence in education and research.

8. Memberships: CSI Membership, ISTE Membership.