

Name : **Dr Vijaya Kumar Koppula**

Personal Information



Designation: Professor & Head

Qualification: B.Tech, M.Tech (CSE), Ph.D(UoH)

Experience: 22 Years

Specialization: Computer Science & Engineering

Date of Joining: 20-06-2007

Email-Id:hodcse@cmrcet.org

Dr Vijaya Kumar Koppula plays a vital role in the student's life with his visionary thoughts and activities. He encouraged students to develop self-learning abilities and make them competitive in nature. He inspires the students to achieve higher goals with his natural cognitive ideas. He initiated to have online platform for conducting Labs, Assessments, and Students Self Learning portal called "Hebeon". Under his leadership department acquired Center of Excellence "AI & DL" in association with leadingindia.ai, "Virtusa Java Full Stack", "Service Now", "Dell EMC Data Science & Big Data Analytics", "National Cyber Defense & Resource Center " initiated by Govt.of India, JNTUH Research Center.

Achievements/Publications/Workshops/Seminar/Guest Lectures

Publication

- Koppula, Vijaya Kumar, Negi Atul, and Utpal Garain. "Robust text line, word and character extraction from telugu document image." *Emerging Trends in Engineering and Technology (ICETET), 2009 2nd International Conference on*. IEEE, 2009.
- Koppula, Vijaya Kumar, and Atul Negi. "Fringe Map Based Text Line Segmentation of Printed Telugu Document Images." *Document Analysis and Recognition (ICDAR), 2011 International Conference on*. IEEE, 2011.

- Koppula, Vijaya Kumar, and Atul Negi. "Using fringe maps for text line segmentation in printed or handwritten document images." *Information Technology for Real World Problems (VCON), 2010 Second Vaagdevi International Conference on*. IEEE, 2010.
- Koppula, Vijaya Kumar., Negi, Atul. "Segmentation of closely set and touching lines in handwritten document images using fringe maps," International Conference for Convergence of Technology (I2CT), IEEE, April 2014.
- Jetley, Saumya, Swapnil Belhe, Vijaya Kumar Koppula, and Atul Negi. "Two-stage hybrid binarization around fringe map based text line segmentation for document images." In *Pattern Recognition (ICPR), 2012 21st International Conference on*, pp. 343-346. IEEE, 2012.
- Soujanya, P., Vijaya Kumar Koppula, Gaddam, K., & Sruthi, P. Comparative Study of Text Line Segmentation Algorithms on Low-Quality Documents. *Special Issue of (IJCSI) II (1, 2)*, 2231-5292.
- Sandeep Chaitanya, N., Ramesh. V., Vijaya Kumar Koppula., Siva Skandha .S, & Ravi Kumar. G. Preemptive Routing & Intrusion Detection for MANETs. *International Journal of Computer and Communication Technology (IJCCT) Vol. 3, issue 1* pp. 87-92.
- Sandeep Chaitanya, N., Vijaya Kumar Koppula., & Sruthi, P. Stateless multicast & multipath DSR in Adhoc networks. *International Journal of Electronics Communication and Computer Engineering (IJECCCE) Vol. IV*, pp. 15-20, Nov 2013.
- Eshwar Mattadi, Vijaya Kumar Koppula. Evaluation of Penetration Testing and Vulnerability Assessments. *International Journal of Electronics Communication and Computer Engineering (IJECCCE) Vol. 6, Issue 5* pp. 144-148, Sep 2015.
- Neena, Dr K Vijaya Kumar "Efficient Knowledge Mining Procedures with Candidate Entity Linking Process", Vol-4, Issue-11 ISSN-2320-9801, International Journal of Innovative Research in Computer and Communication Engineering
- B Surekha, Dr K Vijaya Kumar, S.Siva Skandha "Word Sense Disambiguation Using Lesk", ISBN-978-93-85100-64-2, International Journal of Innovative Research in Computer and Communication Engineering

- Vijaya Kumar Koppula, Monica Lingampalli “DESIGNING DOMINATING QUERY OPTIMIZATION RECOMMENDER SYSTEM ON INCOMPLETE DATA” in Journal Of Adv Research in Dynamical & Control Systems, 18-Special Issue 2017 ISSN 1943-023X (**Scopus Indexed**)
- S Alekhya Yada, Siva Skandha Sanagala, Vijaya Kumar Koppula and VA Narayana “Investigation On Different Techniques For Deduplication In Cloud Storage” In International Journal Of Civil Engineering And Technology (Ijciety) Volume 9, Issue 2, February 2018, Pp. 963–972, Issn Online: 0976-6316 (**Scopus Indexed**)
- Anuradha Boya, Panna Sudheer Kumar, Vijaya Kumar Koppula “Classification Of Domain User Reviews Using Sentiment Categorization Model” in Journal Of Adv Research in Dynamical & Control Systems, 14-Special Issue 2017 ISSN 1943-023X (**Scopus Indexed**)
- CR Babu, R Lavanya, VK Koppula “The Cost-Effective Query Optimization For Crowdsourcing Systems” Journal of Advanced Research in Dynamical and Control Systems, Page No: 2148-2157, 14-Special Issue 2017 ISSN 1943-023X (**Scopus Indexed**)
- Tulasi Das B, Vijaya Kumar Koppula “Congestion control and routing optimization by using on Demand Routing protocol with second approach” International Conference on Research Advancements in Applied Engineering Sciences, Computer and Communication Technologies-2018, International Journal of Pure and Applied Mathematics(IJPAM), ISSN: 13118080, (**Scopus Indexed Journal**), June 2018

Research Work

- Visited CVPR Unit, Indian Statistical Institute, Kolkata. Visiting scientist for a period of one month. Worked on page segmentation in the field of digital document processing.

Consultancy Works:

- Training Consultant for Coign Consulting Pvt.Ltd under the project “MSchool” from July 2017 to July 2019 • Project Developer & Content Developer in Hebeon Technologies under the project “E-Learning Portal Hebeon Training & Consulting” from Feb 2018 to July 2019

- Project Developer & Content Developer in PDQ Softech Pvt.Ltd,Hyd. Under the project “ Academic Management System”
- Project Developer & Security Analyst in Fusion Technologies under the project “ Information Security Management (ISM) System in line with ISO27001:2013” from July 2014 to June 2015
- Project Developer in Fusion Technologies under the project “ CMM V 1.3 Implementation” from August 2014 to March 2015
- Project Developer & Security Analyst in Fusion Technologies under the project “ ISO27001:2013 Consulting and Certification” from July 2014 to June 2015

WORKSHOPS/CONFERENCES/SEMINARS ORGANISED

- 3-Day Workshop on AI & DL in association with leadingindia.ai
- 6-Day Faculty Development Programme was conducted on “Virtualization” in association with ICT Academy on July,2017
- 6-Day Faculty Development Programme was conducted on “Teaching Methodologies” in CMRCET during 28 thNov –Dec 3 rd, 2016.
- National Conference Co-Chair of National conference on Research trends in Computer Science and Technology NCRTCST 2012 held in Jan 2012, CMR College of Engineering and Technology, Hyderabad, India.
- National Conference Co-Chair of National conference on Research trends in Computer Science and Technology NCRTCST 2013 held in Nov 2013, CMR College of Engineering and Technology, Hyderabad, India.
- National Conference Co-Chair of National conference on Research trends in Computer Science and Technology NCRTCST 2015 held in Oct 2015, CMR College of Engineering and Technology, Hyderabad, India.
- Organized a One Day FDP on “Research Proposals- Funding Agencies, Opportunities and methodologies” on 14th Nov 2015 at CMR College of Engineering and Technology.
- Organized a Two Day FDP on “Research issues & methodologies in Computer Science & Engineering” on 4th & 5th Oct 2013 at CMR College of Engineering and Technology.
- Organized a Two Day FDP on “Research methodologies & Report writing” on 23rd & 24th Dec 2010 at CMR College of Engineering and Technology.
- Organized a seminar on “Ethical hacking by Ankit Fadia” on 4th Feb 2009 at CMR College of Engineering and Technology.

- Organized a Two Week Faculty development program on “Emerging Trends in Data Mining” from 15th to 27th Jun 2009 at CMR College of Engineering and Technology.
- Organized a Webinar on “IBM DB2 Fundamentals” on 10th Aug 2013 at CMR College of Engineering and Technology.
- Organized a Workshop on “IBM DB2 Associate” on 26th & 27th July 2013 at CMR College of Engineering and Technology.
- Organized a Certification program on “IBM DB2 Fundamentals” on 11th Sep 2013 at CMR College of Engineering and Technology.
- Organized a Webinar on “Data Mining” by IUCEE on 11th Oct 2012 at CMR College of Engineering and Technology.
- Organized a Webinar on “Computer networking” on 6th Aug 2011 at CMR College of Engineering and Technology.
- Organized a technical festival “Techquest2k9” on 5th & 6th Mar 2009 at CMR College of Engineering and Technology.
- Organized a technical festival “Techquest2k8” on 1st & 2nd Feb 2008 at CMR College of Engineering and Technology.
- Organized a technical festival “Techquest2k8” on 1st & 2nd Feb 2008 at CMR College of Engineering and Technology.
- Convener for Technical fest “Azura 2k13” organized on 30th & 31st Dec 2013 at CMR College of Engineering and Technology.
- Organized an event “MINDSPARK” Ideas for startups on 30th Mar 2016 at CMR College of Engineering and Technology.

WORKSHOPS/CONFERENCES/SEMINARS ATTENDED

- International Workshop on Pattern Analysis and Applications(IWPAA-2018) conducted by ISI Kolkata on Jan 29th – 31st, 2018
- Attended 2nd International conference on Emerging Trends in Engineering & Technology, Nagpur, India, 16-18 Dec 2009.
- Attended 2nd Vaagdevi International conference on Information Technology for Real
- World Problems, Warangal, India, 09-10 Dec 2010.
- Attended International conference on Convergence of Technology 2014, Pune, India, 5-7 Apr 2014.
- Attended National Conference on Distributed Computing, NCDC 10, Hyderabad, Dec 2010.
- Attended Ten day national workshop on Soft Computing Techniques in Image Processing from 24th Jun to 03rd Jul 2009 at G Narayanamma Institute of Technology & Science, Hyderabad, India.

- Attended one week AICTE sponsored national workshop on Cloud Computing during 24th to 29th Jun 2013 at Malla Reddy College of Engineering and Technology, Hyderabad, India.
- Attended 3rd International conference on Transformations in Engineering Education, ICTIEE 2016, Pune, India, 08-12 Jan 2016.
- Attended One day workshop on “Unleash the True Potential of a Professor” on 21st Nov 2015 at CMR Institute of Technology, Hyderabad, India.
- Attended workshop on OBE: Going beyond Accreditation & compliances, IUCEE and Inpods, Pune, India, 09 Jan 2016.
- Attended Three day workshop on “IBM Faculty Development Program” on 5th to 7th Oct 2007 at MLR Institute of Technology, Hyderabad, India.

BOOKS PUBLISHED

- Editor for Proceedings of National Conference on Research Trends in Computer Science and Technology (NCRTCST)-2012, 13 and 15.

Advisory Member/Center Head/Panel Member/Guest Lecture

- Center Head for Center of Excellence “AI & Deep Learning” in association with leadingindia.ai, Bennet University, AICTE, NVidia Deep learning Institute.
- Advisory Member for International Journal “CMR Journal of Engineering and Technology
- BOS Pannel Member in “Anurag Group of Institutions”, Hyderabad.
- Session Chair in International Conference on Innovations in Computer Science and Information Technology, ICICSIT-2015, Hyderabad, India, 28-29 Aug 2015
- Guest Lecturer in 2-Day Workshop On “Practical Approach To Compiler Design”, TEQIP, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad, India, 4th Jan 2013
- Guest Lecturer in Workshop On “Advanced Data Structures in c++”, Anurag Engineering College, Kodad, India, 23rd Aug 2014
- Guest Lecturer in Infosys campus connect program for SEZ students, MLRIT, Hyderabad, 2012.

PROFESSIONAL SOCIETY MEMBER SHIPS

- IEEE MEMBER
- CSI NOMINATED MEMBER