

Name of Faculty Mr. K. GANGADHARA RAO  
 Designation Asst.Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 18 – 06 - 2018  
 E-mail Kgangadhar\_it@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Computer Science Engineering)	Pursuing
PG	M. Tech. (Computer Science)	Distinction
UG	B. Tech. (Computer Science Engineering)	Distinction

Work Experience

Teaching	13 Years
Research	02 years
Industry	
Others	

Area of Specialization Deep Learning, Edge and Cloud computing and Data Analysis

Professional Memberships

Responsibilities held at Institution Level 1. Member, Software Approval Committee for Academic and Examination Sections from 2017-18

Responsibilities held at Department Level 1. Member Board of Studies, 2013-15  
 2. Member, Course Expert Group

Research Guidance --

Awards Received Awarded SUN Certified programmer for the java2 platform 1.4 regd.: 0EDSYD5050 Series:035 on June 22, 2007 conducted by Sun Micro system US Inc.

Courses Handled at Under Graduate / Post Graduate Level. Client Server Programming, Advanced Computer Architecture, Unified Modeling Languages, OOPs through C++, Java Programming, Web Programming, Scripting Languages, Cloud Computing, Big Data Analytics.

No. of Papers Published National Journals – International Journals – 01  
 National Conference – 01 International Conference – 02

Projects Carried out Developed a Web portal for Faculty Achievements Tracking

Patents --

Technology Transfer --

Invited Speaker Resource person for "One week FDP on DATA SCIENCE" Organized by E & ICT Academy, NIT, Warangal and Dept.of IT, CBIT, Aug 5-10 ,2019.  
 Resource person for "MDP on Analytics Data Driven Decision Making on 13 th March 2023 Organized by Department of IT and Sponsered by DC-MSME and NI-MSME

No. of Books/Chapter Published with details Published One Chapter Book Titled "Emerging ICT for Bridging the Future" Volume 2 pp 27-34

Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).

1. Attended a five-day (ATAL) Academy Online FDP on "Data Sciences" from 18-04-2020 to 22-04-2020 at Indian Institute of Information Technology (IIIT Nagpur).
2. Attended a Five-day FDP on "Artificial Intelligence " organised by CBIT from 22-05-2020 to 25-05-2020.
3. Attended one week "FDP and online training on Latex" organized by Sanay Ghodawat University Kolhapur in association with Spoken Tutorials project 27apr to 2 may,2020
4. Attended one-week online Faculty Development Program on "OUTCOME BASED EDUCATION: A STEP TOWARDSEXCELLENCE" from 11-15 May 2020 under Margdarshan Scheme of AICTE, New Delhi
5. Attended a Five-day FDP on "Outcome Based Education and NBA Accreditation Process (UG) " organised by CBITfrom 28-05-2020 to 01-06-2020.
6. Successfully completed a 3 week "Introduction to HTML5"an online course authorized by University of Michigan and offered through Coursera, April, 2020
7. Successfully completed a 12 week "NBA Accreditation and Teaching - Learning in Engineering (NATE)"NPTEL Online Certification June 2020 Attended a Five day FDP on "Outcome Based Education and NBA Accreditation Process (UG) " organised by CBITfrom 28-05-2020 to 01-06-2020.
8. Successfully completed a 3 week "Cloud Computing Basics (Cloud 101)" an online course authorized by LearnQuest and offered through Coursera July,2020
9. Successfully completed a 7 week " Python Data Structures"by University of Michigan through coursera, June 2020
10. Successfully completed a 4 week "Neural Networks and Deep Learning", by deeplearning.ai May 2020
11. Successfully completed a 4 week "Introduction to Data Science in Python" by University of Michigan, May 2020
12. Successfully completed a 4 week "Convolutional Neural Networks" by deeplearning.ai May, 2020
13. Successfully completed a 12 week "NBA Accreditation and Teaching - Learning in Engineering (NATE)" NPTEL Online Certification June 2020

#### **International/National Journals /Conferences from 2017**

1. K.Gangadhara Rao, Keerthi Yeswanth, M.Sreedhar Goud," Crop Yield Prediction by using Machine Learning Techniques", in Annals of R.S.C.B, Vol.25 Issue 6, May,2021, ISSN1583-6258
2. Published "A Neural based Visual Processing System for Automatic Detection and Recognition of Road Signs from Live Video Feeds" ,Volume 11 Issue No.3 , 1943-023X, Scopus SJR, March 2019
3. Published One Chapter Book Titled "Emerging ICT for Bridging the Future" Volume 2 pp 27-34
4. K. Gangadhararao, "A Novel Speaker Diarization and Transcription method for Multichannel audio", in online international conference on Intellectual Systems, Electrical and Communication Technology-2021(ICISECT-2021), held on 9th and 10th of April,2021.
5. K. Gangadhararao, "A Novel Teaching Aid using OpenCV", in International e-conference on Sustainable Innovation, Research & Emerging Trends in Entrepreneurship, held on 3rd April 2021.
6. Mr. K. Gangadhara Rao has Published a Paper on "QUANTIFYING COVID-19 VIRUS HEALTH OPINIONS: A CASE STUDY", in International Journal of Research and Analytical Reviews, Volume 9, Issue 1, DOI: 10.4018/IJDSST.286685http://ijrar.org/viewfull.php?&p\_id=IJRAR22A1367
7. Mr. K. Gangadhara Rao has Published a Paper on "Crop Yield Prediction by using Machine Learning" in Annals of R.S.C.B., ISSN:1583-6258, Vol. 25, Issue 6, 2021, Pages. 2551-2557
8. Mr. K. Gangadhara Rao has Published a Paper on "A Speaker Diarization and Transcription method for Overlapped Speech and Voice Change Detection Multichannel Audio" in Design Engineering ISSN: 0011-9342 | Year 2021
9. Mr. K. Gangadhara Rao has Published a Paper on "Performance Evaluation of Map Reduce vs. Spark framework on Amazon Machine Image for TeraSort Algorithm" in International Journal for Research in

10. Mr. K. Gangadhara Rao has Published a Paper on "An AI(Artificial Intelligence) based Device for Covid-19 Fever Detection" in International Journal for Research in Applied Science & Engineering Technology ISSN: 2321-9653, Volume 9 Issue VI Jun 2021
11. Mr. K. Gangadhara Rao has Published a Paper on "AN EFFICIENT TOOL FOR ONLINE TEACHING USING OPENCV" in International Journal of Creative Research Thoughts, | Volume 9, Issue 6 June 2021
12. Mr. K. Gangadhara Rao has Presented a Paper on "A Novel Teaching Aid using OpenCV" in Online International Conference on ICIRE on 3rd April-2021 Organized by Pratap University, Jaipur, Rajasthan
13. KOMMU GANGADHARA RAO published paper titled "IN REAL-TIME SYSTEMS, A BIOSENSING DISTRIBUTED NETWORK FOR SELFORGANIZING SENSOR NETWORKS" in International journal IJPAS, November, Special Issue, 2021, 10(11): 1011-1023
14. k Gangadhara rao published paper titled "neural based visual processing system for automatic detection and recognition of road signs from live video feeds in "Journal of Advanced Research in Dynamical and Control Systems" 2019 Journal article ISSN: 1943023X
15. Maheswari, V. Uma , Aluvalu, Rajanikanth and k. gangadhara rao published book chapter titled "Black Box Models for eXplainable Artificial Intelligence" in book titled " Explainable AI: Foundations, Methodologies and Applications" in spinger publications
16. K Gangadhara Rao published article titled "Role of artificial intelligence in precision pathology of breast cancer" in American Institute of Physics AIP Conference Proceedings 2603, 020021 (2023) <https://doi.org/10.1063/5.0126278>
17. K Gangadhara Rao published article titled " PROGNOSIS OF URBAN ENVIRONS USING TIME SERIES ANALYSIS FOR PREVENTING OVEREXPLOITATION USING ARTIFICIAL INTELLIGENCE" in "International Journal of Data Analysis Techniques and Strategies" DOI: 10.1504/IJDATS.2022.10053183, 2023

