



Dr.B.Kranthi Kiran

**Professor of CSE & Deputy Director University
Alumni Affairs
JNTUH Kukatpally, Hyderabad**

Areas of Interest:

Algorithms, Databases, Data Mining & Machine Learning.

**Teaching Experience: 20 years
Educational & Professional**

Academic Qualifications

- ❖ PhD in COMPUTER SCIENCE & ENGINEERING, JNTUH, Hyderabad, Telangana, India. (2007-2015)
- ❖ M.TECH in COMPUTER SCIENCE & ENGINEERING, University College of Engineering, Osmania University Hyderabad, Telangana, India. (2003-2006)
- ❖ B.TECH in COMPUTER SCIENCE & ENGINEERING, Sree Vidyanikethan Engineering College, Tirupathi, AP, India. (1996-2000)

Publications

- ❖ A Deep Learning Approach For Protecting the Medical Data using Firefly Optimization Algorithm and Autoencoders, Journal of Harbin Institute Of Technology, ISSN:0367-6234, Volume 54, Issue4,2022,DOI: 10.11720/Jhit.54042022.20.
- ❖ Comparative Study of Different Medical Data and Categorizing Them Using Firefly Optimization and Machine Learning Techniques, journal of Science, Technology and Development,ISSN: 0950-0707,Volume 9, Issue 5, MAY 2022.
- ❖ Ensemble Deep Learning Models to Forecast Covid-19 Infection in India,Computer Integrated Manufacturing Systems,Volume 28,ISSN:1006-5911.
- ❖ Data Mining In Health Care: A Survey Focused On Covid-19,Aut Aut Research Journal, ISSN NO: 0005-0601,Volume XII, Issue XII, December-2021.
- ❖ A Secure Aware SDLC with Hybrid Model of Artificial Neural Network-Firefly Optimization Algorithm for Estimating Security in Medical Software,International Journal of Future Generation Communication and Networking Volume.14, (2021), pp. 2977–2994.
- ❖ Classification and Enrichment of Unlabeled Feedback Data using Machine Learning,International Journal of Engineering and Advanced Technology (IJEAT),ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019,DOI: 10.35940/ijeat.A1912.109119.

- ❖ Effective Visual Big Data Processing with Machine Learning Methodologies, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue-12S, October 2019.
- ❖ Implementation of Tumor Prediction System using Classification Algorithms, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249-8958 (Online), Volume-9 Issue-2, December, 2019, DOI: 10.35940/ijeat.B4664.129219, Journal Website: www.ijeat.org.
- ❖ Breast Cancer Prediction Using Machine Learning Approaches, Journal of Mechanics of Continua and Mathematical Sciences, ISSN (Online): 2454 -7190 Vol.-14, No.-6, November - December (2019) pp 149-155 ISSN (Print), <https://doi.org/10.26782/jmcms.2019.12.00012>.
- ❖ Proposal For Developing An Approach To Constraints Based Multi-Dimensional Data Clustering, Aided With Associative Clustering Using Comparative Study, International Journal of Advanced Technology in Engineering and Science, Volume No.02, Issue No. 06, June 2014, ISSN (online): 2348 – 7550, www.ijates.com.
- ❖ A Comparative Study of Issues in Big Data Clustering Algorithm with Constraint Based Genetic Algorithm for Associative Clustering, International Journal of Innovative Research in Computer and Communication Engineering, ISSN(Online): 2320-9801, (An ISO 3297: 2007 Certified Organization) Vol. 2, Issue 8, August 2014.
- ❖ An Algorithm to Constraints Based Multidimensional Data Clustering Aided with Associative Clustering, Journal of Theoretical and Applied Information Technology, 20th December 2014. Volume.70 No.2, ISSN: 1992-8645, www.jatit.org, E-ISSN: 1817-3195.

Books Published

1

Patent Published

1

PhD guidance

1 completed & 1 submitted

Events Participated/Organized

Organized

- Organized Two-week Online Refresher Course on "Artificial Intelligence and Machine Learning" scheduled from 13/09/2021 to 25/09/2021 at UGC-Human Resource Development Centre, Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad.
- Organized a Refresher Course on Data Mining Techniques, at UGC-HRDC JNTUH, 05-10-2016 to 17-10-2016
- Organized a Workshop on Student technical symposium, JNTUHCEJ.
- Organized a Workshop on National Workshop on sixth sense botz., JNTUHCEJ
- Organized a Workshop on National Workshop on Android mobile Application development, JNTUHCEJ.
- Organized a Workshop on Student Technical symposium Renescentia2k15, JNTUHCEJ.,
- Organized a Workshop on Conducted National conference ACPR-14, JNTUHCEJ.

Participated

- Participated in a Orientation Course on Participated in the summerSchool on “Strategies on research methodologies.” from 6-6-2016 to25-16-2016, at UGC-Academic Staff College, JNTUH, Hyderabad,Telangana., UGC-Academic Staff College, JNTUH, Hyderabad,Telangana.,
- Participated in a Orientation Course on Participated in the refreshercourse from 17-05-2013 to 06-06-2013, at UGC-Academic Staff College,JNTUH, Hyderabad, A.P., India., JNTUH, Hyderabad, A.P., India.,
- Participated in a Orientation Course on Participated in the refreshercourse on “Trends in Information System security” from 05-07-2010to24-07-2010,atUGC-AcademicStaffCollege,JNTUH,Hyderabad,A.P.,JNTUH, Hyderabad, A.P.,
- Participated in a Orientation Course on Participated in the orientationCourse from 14-10-2009 to 11-11-2009, at UGC-Academic Staff College,OU , Hyderabad, A.P., India., UGC-Academic Staff College, OU ,Hyderabad, A.P., India.,
- Participated in a Orientation Course on Participated in Faculty Development Programme on Pervasive and Mobile Computing.Electronics & ICT Academy and Department of Computer science, UGC-Academic Staff College, JNTUH, Hyderabad, A.P., India.,

Administrative Positions Held

- Presently Working as Deputy Director University Academic Affairs at JNTUH, Kukatpally, Hyderabad.
- Served as Additional Controller of Examination at, JNTUH, Kukatpally, Hyderabad
- Served as Computer and Maintenance Officer at JNTUHCEJ.
- Served as Research and Academic Coordinator at JNTUHCEJ.
- Served as Hostel Manager at JNTUH College of Engineering, JNTUH College of Engineering, Nachupally, Kondagattu, Jagtial.
- Served as Officer in-charge of Examinations (OAE) for Nodal Centre at JNTUHCEJ, JNTUH College of Engineering Jagtial.
- Served as CHAIRMAN I year CRC, JNTUH College of Engineering Jagtial
- Served as SC/ST Cell Officer, JNTUH College of Engineering, Nachupally, Jagtial

- Contact:
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