



KAKARLA BALACHANDRA REDDY

Assistant Professor (Adhoc)

Department of CSE

JNTUA College of Engineering

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Date of Birth: 08/07/1992

Career Objective:

- To teach and mentor students in the field of my expertise while contributing to the growth of the university.
- Seeking an Assistant Professor role to utilize my knowledge and experience in teaching, research, and mentoring.

Experience:

Total 8+ years of teaching experience.

- I have been working as an **Assistant Professor (Adhoc)** in **Computer science and Engineering** department at **JNTUA College of Engineering, Pulivendula** from **July 1, 2015 to till date**.

Qualifications:

- Pursuing **PhD** in **Computer Science & Engineering** from **VELS University, Chennai**.
- **M.Tech. (P.G)** in **Cloud Computing** from **SRM University, Chennai** with **First Class (Distinction)** in the year of 2015.

- **B.Tech. (U.G.) in Computer Science and Engineering** from Anamacharya institute of Technology and sciences (affiliated to JNTUA), Tirupati, with **First Class** in the year of 2013.
- **Intermediate** from NARAYANA Jr. College, Hyderabad, with **First Class (Distinction)** in the year of 2009.
- **S.S.C. (High School)** from KESHAVA REDDY RESIDENTIAL SCHOOL, Nandyal, with **First class (Distinction)** in the year 2007.

Papers Published:

Publication .No: 1

Names of the authors: Balachandra Reddy.K,Dr.S.Meera
Title of the paper: A Study of Security Threats and Attacks in Cloud Computing
Name of the journal/ Confernce:RES MILITARIS
Type of Journal: Scopus
Month and year of Publication: Winter 2022
ISSN and DOI number:2265-6294
Link to the Publication: https://resmilitaris.net/menuscript/index.php/resmilitaris/article/view/2240/1869
Citations:nil

Publication. No: 2

Names of the authors: K.Balachandra reddy1 , A.Yedu Kondalu2 , D.Harsha Vardhan3 , S.Shashavali4
Title of the paper: PNEUMONIA DETECTION IN CHEST X-RAY IMAGES USING DEEP LEARNING MODELS
Name of the journal/ Conference: Journal of Engineering Sciences
Type of Journal: IEEE
Month and year of Publication:06/june/2022
ISSN and DOI number: :0377-9254
Link to the Publication https://jespublication.com/upload/2022-V13I604.pdf
Citations (if any):nil

Publication. No: 3

Names of the authors: K.Balachandra reddy1 , T.Hema2, D. Sai Sriranjitha3, K. Vinay Kumar4
Title of the paper: A Machine Learning Model for eye Gaze Tracking
Name of the journal/ Conference: Sustainable Humanosphere
Type of Journal: IEEE
Month and year of Publication: February 2020
ISSN and DOI number: : 1880-6503
Link to the Publication https://www.sustainablehumanosphere.com/
Citations (if any):nil

Conferences:

S.No.	Conference	Organized by	Title	Date (s) conducted
1	Conference	K.S.R.M College of Engineering	Analysis of Company Review Data on Glassdoor using NLP	18 th march,2023
1	Conference	School of Computing	Crop Recommendation System using Machine Learning Algorithms	30/11/2022 to 01/12/2022
2	Conference	ICIASDFC, Jakarta, Indonesia	A Study of Security Threats and attacks in Cloud	27 th to 28 th October, 2022

Duties Accomplished:

- Successfully completed my duty as a NSS Coordinator.
- Worked as a Time table Coordinator .
- Worked as NBA and NAAC coordinator for CSE department.
- Scheduling test to assess the growth and learning of the students.
- Periodically teaching them social and human behavior.
- Conducting presentation by the students on different topics for their development.

Workshops/FDP/Webinar/NPTEL Mentorship :

S.No.	Workshop/Seminar / Webinar/FDP/Conference/Other	Organized by	Title	Date (s) conducted
1	Webinar	MITS, Madanapalle	Cyber Security Applications using python	26-10-2022
2	FDP	SeshadriRao Gudlavalleru Engineering College, Gudlavalleru	Applications of Computer vision using deep learning	20 - 25 February 2023
3	Conference	IFERP	A study of security threats and attacks in Cloud Computing	27-28 October 2022
4	e-Workshop	JNTUA College of Engineering Pulivendula in Association with Brainovision solutions India Pvt.Ltd	ANGULAR JS	26th june,2020
5	e-Workshop	Savitribai Phule Pune University (SPPU),Pune	Database Management Systems (310241) and Database	10th August to 11th August, 2021

			Management Systems Laboratory (310246)	
6	FDP	In Association with Computer Society of India, Hyderabad, Organized by Departments of Computer Science and Engineering & Information Technology	Internet of Things (IoT)	05th to 07th May, 2020
7	FDP	Department of Computer Engineering, Jaihind College of Engineering, Kuran(Pune)	R-Language for Analytics & Data Science	10th May,2020 to, 15th May, 2020.
8	e-Workshop	SKN Sinhgad School of Business Management	COVID-19 Awareness Campaign	5/11/2020
9	FDP	MallaReddy Institute of technology, Secunderabad	Hadoop and Machine Learning	18-20 May,2020
10	e-Workshop	Department of Electronics & Communication Engineering, Holy Mary Institute of Technology & Science	Fundamentals of Computer Networks	5/29/2020
11	e-Workshop	Kamala Institute of Technology and Science, Singapur (KITS(S))	ARTIFICIAL INTELLIGENCE AND ITS SUB AREAS IN FIGHTING COVID-19 PANDEMIC	11th May 2020
12	FDP	Department of Humanities and Sciences	PERSPECTIVES OF ONLINE TEACHING AND LEARNING	08 - 13 June 2020
13	FDP	Department of Computer Science and Engineering Of Swarnandhra College Of Engineering & Technology In Association With Indian Servers	Cyber Security	15th & 16th May 2020
14	e-Workshop, Appreciation	Brainovision Solutions India Pvt. Ltd. in association with National Youth Council of India (NYCI)	ANGULAR JS	26-06-2020
15	FDP	Bheemanna Khandre Institute of Technology, Bhalki	CHALLENGES AND OPPORTUNITIES IN AI AND ML	20th to 24th July, 2020
16	FDP	Seementa college of engineering, odhisa	Writing technical papers and documents using Latex	23-27, Febrauray, 2021
17	FDP	BHIMAVARAM INSTITUTE OF	Recent Trends In Research	19 - 21 May 2020.

		ENGINEERING & TECHNOLOGY	Methodology	
18	FDP	JNTUA College of Engineering Pulivendula	Quantam computing and Machine learning	30-11-2020 to 05-12-2020.
19	FDP	Madanapalle Institute of Technology & Science, Madanapalle	Thrust Areas	10.10.2022 to 15.10.2022
20	FDP	NARSIMHA REDDY ENGINEERING COLLEGE	Machine Learning in big data analytics, principles, Techniques and challenges	13th to 18th February, 2023
21	FDP	GATES Institute of Technology, Gooty	Current Research Trends in Artificial Intelligence and Machine Learning	7th - 11th March 2022

Patents:

S. N o.	Applicatio n Number	Title of the Patent	Date applied	Date publish ed	Publication URL
1.	20224105 1292A	Railway Track Monitoring Approach to detect the breakage of track and Obstacle detection using GSM	08/09/2022	16/09/2022	https://search.ipindia.gov.in/IPOJournal/Journal/Patent
2	2022410 55275A	Machine Learning based medical device quality checking system	27/09/2022	07/10/2022	https://search.ipindia.gov.in/IPOJournal/Journal/Patent

Book Chapters published:

S N o.	Month and Year of Publication	Title of the Book	Name of the Publisher	ISBN/ISS N Number	Publication URL
1	OCTOBER-2022	RESEARCH TRENDS IN MULTIDISCIPLINARY RESEARCH	AkiNik Publications	978-93-91538-53-8	https://isbn.gov.in/v2/RecentlyPublishedBooks.aspx .

Additional Courses Completed:

- Online NPTEL course certifications in “Internet of things”, “Outcome based pedagogic principles for effective teaching”.
- Online Coursera certifications in “Data Structures and Algorithms”, “Introduction to Data science in Python”, “An introduction to Programming the Internet of things”.

- Online Microsoft certifications in “Software development Fundamentals”, “Azure AI Fundamentals”.

Personal Profile:

Name : K.Balachandra Reddy
Date of Birth : 08/07/1992
Marital Status : Married
Father's Name : K.Ramasubba Reddy
Permanent Address : Door.No :3-8-52/2, Bhakarapuram, Pulivendula.
Languages Known : English, Telugu.
Nationality : Indian

Declaration:

I hereby declare that the information furnished here in is true to the best of my knowledge and belief.

Place :

Date : (K.BALACHANDRA REDDY)