

Name of Faculty Mr Panduraju Pagidimalla

Designation Assistant Professor

Nature of Job/Appointment Contract

Date of Joining 17-08-2024



E-mail pandurajup_cseaiml@cbit.ac.in

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy	Pursuing
PG	M.TECH (SE)	First Class
UG	B.TECH (CSE)	First Class

Work Experience

Teaching	8 Years
Research	
Industry	--
Others	--
Area of Specialization	Machine Learning, Data Mining, Deep Learning, Algorithms

Professional Memberships	1. ACM
	2. International Institute of Organized Research (I2OR)
	3. SCRS
	4. International Association of Engineers

Responsibilities held at Institution Level	1. Scholarships
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Responsibilities held at Department Level	1. Timetable Incharge
	2. Department Exam Coordinator
	3. Member in various committees (Staff affairs, Curriculum Review, Social)
	4. Member of curriculum committee, framed course curriculum for graduate courses.

Research Guidance --

Awards Received Best paper Award

Undergraduate Level: -

Machine Learning, Deep Learning, DDA, PSPP, PSPC, Computer Networks, DAA, Data Structures, Complexity Theory, Data Analytics, Network Security, Cryptography, Network system administration,,

Post Graduate Level: -

PSPP, SFDS

National Journals – 01 International Journals – 05

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

Projects Carried out

UG Projects: 40, PG Projects:10

Patents:-

Patents

1. IOTBASEDEMERGENCYHANDLINGCOMMUNICATIONFORTRAFFI
C CONTROL IN SMARTCITIES(202341027848)

2. ROBUST ENCRYPTION AND ACCESS CONTROL
MECHANISMS FOR ENSURING CONFIDENTIALITY IN CLOUD-
BASED DATA STORAGE(202441011307)

Technology Transfer

Certified Salesforce Associate,AI Associate,AI specialist and trained
more than 50 students and received certificates
Oracle GEN AI Specialist and trained 30 students,RPA 360

Invited Speaker

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No. of Books/Chapter Published with
details

01

OC/RC/STTP/FDP/ Workshops attended:-

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

- 1 Conducted a national workshop on Cyber Security at KL
university, Hyderabad
- 2 Attended a three days National level conference organized
by CSI
- 3 Conducted a three days National level conference
organized by ACE Engineering College and sponsored by
AICTE
- 4 Attended workshop conducted by C-DAC
- 5 Attended "A Five-Day National Workshop on Accelerate
Research" From 22-09-2020 to 26-09-2020 organized by
Anurag University, Hyderabad.
- 6 Attended A National Level Two Days Online Workshop on
" Free and Open-Source Alternative for Web Conferencing
and Teaching Learning " Organized by Dept. of CSE, MGIT
- 7 Attended TASK FDP on Black chain Technology
Comprehensive Office Skills Workshop: Mastering
Essential Business Tools held at KL University,
Hyderabad Campus on 1st May,2024 to 4th May,2024.
- 8 Participated in AICTE sponsored STTPon Practicing
Cloud Computing with AWS conducted by KL University
by cse
- 9 Participated in AICTE sponsored STTPon Practicing
Cloud Computing with AWS conducted by KL University
by cse
- 10 International FDP on Advancements in Medical Imaging
through Machine Learning and Deep Learning:
Techniques, Applications, and
Challenges held on 11th-15th March, 2024 organized by
the Department of Mathematics, KL (Deemed-to-be)
University, Hyderabad, Aziznagar, India.
10. participated in IP Awareness/Training program under
National Intellectual Property Awareness Mission on
March 27,2023

Details of Journal Publications/
Conferences **(National and
International)**

International Journals:-

1. Identifying the Large Sets of Nano publications based on Nano publication Indexes in Distributed Servers- IJPRESS Volume VII /Issue 2 / OCT2016
2. Human Fingerprint Identification using Minutiae Extraction Algorithm 2023_IJSEM-153591
3. Optimized Convolutional Neural Network Enabled Technique for Sentiment Analysis from Social Media Data ISSN:2089-3191E-ISSN:2302-9285
4. Enhancing Crop Yield Prediction and Management in eFarming Systems through Machine Learning(SSRN: <https://ssrn.com/abstract=4803868> or <http://dx.doi.org/10.2139/ssrn.4803868>)
5. Predicting and Propagation of Diabetic Foot Infection by Deep Learning Model(DOI: <https://doi.org/10.4108/eetpht.10.5614>)

International Conferences:-

1. Data Security Analysis of PHY Layer Using Artificial Intelligence and Machine Learning-IEEE Xplore ISBN:979-8-3503-9737-6
2. presented the paper titled “Enhancing Skin Cancer Detection with EfficientNet: A Scalable and Interpretable Approach” at the 1st International conference on Innovative Computing Technologies (IcICT-2024) held during 13-14 December 2024 organized at Chaitanya Bharathi Institute of Technology, Hyderabad-India, by the Departments of CSE, IT, AI&ML, AI&DS, MCA and Mathematics.

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