Mrs. Adapa Mutya Sirisha
MCA, M.Tech., (Ph.D)
Assistant Professor

Department: Computer Science & Engineering
University College of Engineering
Adikavi Nannaya University
Rajamahendravaram.

Date of Joining: 29th June 2018.

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Subjects Taught: Programming for Problem Solving, C Programming & Data Structures, Operating systems, Computer Networks, Software Engineering, Computer Organization, OOAD through UML, Computer Graphics, UNIX and Shell Programming. Information Security& Cryptography, Image Processing, Network Security & Cryptography.

Area of Research: Crypto-Biometric Systems, Image Processing, Computer Vision

Teaching Experience: 16yrs.

Publications (JOURNAL/CONFERENCE):

S.No	PAPER TITLE	JOURNAL/CONFERENCE	IMPACT FACTOR	YEAR
1	A Comparative Study on Various Techniques Related to Fingerprint Based Biometric Cryptosystems	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Volume 2, Issue 1, May 2022 DOI:10.48175/IJARSCT-3588 465	6.252	2022
2	Image Processing Techniques on Radiological Images of Human Lungs Effected by COVID-19	International Journal on Informatics Visualization VOL 4 (2020) NO 2 e-ISSN : 2549-9904 ISSN : 2549-9610	Scopus Indexed	2020
3	A Review on: Image Filtering Techniques for Fingerprint Recognition	International Journal of Advance Research in Science and Engineering Vol. No.6, Issue No. 08, August 2017 IJARSE-ISSN(O)2391-8354 , ISSN(P)2319-8346	6.1	2017
4	Image Retrieval based on Texture using Various Discrete Wavelet Transform Sub Bands	International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333, www.ijtrd.com National Conference on Emerging Trends in Computing (NCETC-2K17) organized by Department of Computer Applications, Godavari Institute of Engineering and Technology, Rajahmundry, A.P 7th & 8th April 2017	4.004	2017
5	A Review on: Image Filtering Techniques for Fingerprint Recognition	10th International Conference on Recent Trends in Engineering Science and Management at Newton's Institute of Science & Technology, Guntur Dist-, Andhra Pradesh, India (ICRTESM-17) 12th-13th August 2017, ISBN:978-93-86171-56-6		2017

6	Selection of Bitplanes in image Encryption	National Conference on Recent Trends and Technologies in Data Science and Artificial Intelligence NCTDA-2016-ISBN:978-93-5112-284-4.Bhaderwah Campus University of Jammu, Bhaderwah.		2016
7	Detection of Brain Tumor using Thresh Holding and Morphological Operations	International Journal of Research in Computer Application and Management. Volume No.3 (2013) issue No.09 (September)-ISSN 2231-1009		2013
8	An efficient Computational Security against various Attacks using Parallel Hash function based on Block Cipher	International conference on Information Systems Design and Intelligent Applications-2012-Computer Society of India-Visakhapatnam-India		2012
9	Intelligent Stock Recommender System using Mining Techniques	International Conference on Recent Advances in Computer Sciences-2012		2012

Webinar / Seminar /FDPs Organized   : 04

Role   : Convener

Participants : All over India

➢ Organized National Conference on Emerging Trends in Computing(NCETC) on 2016 and 2017

at GIET(A) , Rajamahendravaram.

➢ Organized a National Webinar on " Image Processing Based Methods for Diagnosis of COVID-19" on 7th July-2020

➢ Organized a National Webinar on "CAREER OPPORTUNITIES FOR ENGINEERING GRADUATES" on February 15th, 2022

➢ Organized a National Webinar on "CAREER OPPORTUNITIES AFTER B.Tech" on 17th May 2022

A) FDP/FIP/WORKSHOPS/COURSES Attended:

   i) FDPs from Reputed Institutions:

S.No	Title	Organized By	Duration
01	Python Programming for Bigenners	NITW	22nd to 26th AUG-2022
02	Blockchain: Applications, Usecases & Oppertunities	AKNU	26th July 2021
03	Blockchain and Bitcoin-Solutions and Applications	AKNU	5th and 6th July-2019
04	Research based Teaching and Learning	TLC,IIT Madras	8th to 10th May 2017
05	Internet of Things & Advanced Analytics	JNTUK	1st- 5th Dec-2017
06	Use of ICT in Education for Online and	An AICTE approved Four-week FDP on conducted by IIT Bombay	May2nd to July10th-2016

S. No	Title	Organized By	Duration
	Blended Learning		
07	Database Management Systems	IITB	May 21st To 31st - 2013

ii) Workshops Attended

S. No	Title	Organized By	Duration
01	Data Analytics and Cyber Security	AKNU	27th Sep-2018
02	The Art of Publishing, Writing Thesis and project proposal (PWTPP-2016)	KL University	23rd April 2016.
03	A Two-Week ISTE workshop on Database Management Systems	IIT Bombay	21st to 31st May 2013
04	A Two Day National Work Shop ON MAT LAB	CITE , Rajahmundry	28th-29th June 2013
05	A Two Day National Workshop on Emerging Trends in Free/Open Source software	GIET , Rajahmundry	19th -20th July 2013
06	National level Workshop on How to Teach C	CIET , Rajahmundry	25th Sep 2012
07	Training of Technical Teachers C & Data Structures	GIET, Rajahmundry	25th & 26th OCT 2008
08	Hardware & Network Infrastructure Management	GIET, Rajahmundry	2008

iii) Webinars , Workshops and FDP's Attended during lockdown period:

S. No	Title	Organized By	Duration
01	One Week Online FDP on Python 3.4.3	IIT Bombay	12-04-2020 to 19-04-2020
03	One Week National FDP and Online Training on Moodle Learning Management System	IIT Bombay	25-04-2020 to 30-04-2020
04	One Week Online FDP on R Programming	IIT Bombay	27-04-2020 to 01-05-2020

05	One Week Online FDP on Art of Writing Papers and Research Methodologies	AICTE MARGDARSHAN	07-05-2020 to 13-05-2020
06	Online FDP on CYBER SECURITY		12-05-2020
07	One Week Online FDP on Research Challenges and Opportunities Post COVID-19 (RECOP 2020)		04-05-2020 to 09-05-2020
08	FDP on Data Analysis and Visualization of COVID-19 Dataset using Python		07-05-2020
09	One Day FDP on Machine Learning for Beginners		09-05-2020
10	one week FDP on LaTeX and XFig		09-05-2020 to 15-05-2020
11	National Level Five day Online FDP on CHALLENGES AND STRATEGIES OF TEACHING IN POST COVID-19		11-05-2020 to 15-05-2020
12	Awareness on Cyber Crime & Cyber Security	AKNU	July,21st - 2021

Online Courses Completed:

S. No	Title	Organized By	Offered By	Duration
1	Internetwork Security	NPTEL	IIT Kharagpur	12 weeks

Any other relevant work:

- Asst.Training and Placement Officer, UCE
- Co-Ordinator UG Board of Studies
- University NAAC member for Criteria-7
- Department NACC Co-Ordinator
- BOS member for S&H department AKNU
- Paper setter for various Autonomous Institutions
- Member Internal Complaints Committee
- Member Anti-Ragging Committee.
- ISO related work in the Department.
- Syllabus related work in the Department.
- Co-Convener for ADVIKA -2021 (National level Tech Fest).

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