ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada)
Accredited by NAAC & An ISO 9001:2015 Certified Institution
ITI Road, ALC Campus, VIJAYAWADA - 520 008 :: Website : www.aliet.ac.in :: Ph : 0866 - 2476161

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FACULTY PROFILE

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Name of the Faculty	**Mrs.M.MOHANA DEEPTHI**	
Designation	**Assisstant Professor**	
Department	**CSE**	**Date of Birth** 21/07/1985
Date of Joining the Institution	**06-06-2013**	**Native place** Vijayawada,India
Academic Qualification with Class/Grade	**Ph.D pursuing**	
	PG: M.Tech (CSE) First Class	
	UG: B.Tech (CSE) First Class	
Employee ID	**ALIET-13-02**	
E-mail / Mobile	**mdeepthi2012@aliet.ac.in**	
Total Experience in Years	**Teaching: 10 years**	**Research: 00**
Papers Published in Journals -	**National: ---**	**International: 08**
Faculty Development Programmes attended:	**33**	**Guest Lectures Delivered: 01**
Papers presented in Conferences/ attended	**National: 07**	**International: --**
PhD Guide? Give field & University	**Field: Information security**	**University: Dr.Y.S.R.ANU**
PhDs / Projects Guided	**PhDs: 00**	**Projects at Masters Level: 04** **Projects at UG Level: - 12**
Books Published/IPRs/Patents	---	
Professional Memberships	---	
Consultancy Activities	----	
Awards	----	
Grants fetched	----	
Other Responsibilities	1.Examcell Coordinator	

	2.Extension Activities Incharge 3.Result Analysis Coordinator 4. Mentoring Coordinator for 3rd Yr-1st Sec
Whether Ratified by University (Yes/No)	**YES**

ACHIEVEMENTS / CERTIFICATIONS:

- ❖ successfully completed 12 hrs certificate course of "**Virtual Class Room 2020**" held from 15 Jun 2020 To 20 Jun 2020

- ❖ Successfully completed "**Steps into Robotics Process Automation**" course by GUVI on may 3 2020

- ❖ Successfully completed "**Virtualization for Beginners**" Course by VMwareon09-11-2016.

- ❖ Successfully completed "IBM Cloud Essential" Course by **IBM** on24-10-2017.

- ❖ Successfully completed "Internet of Things(IOT)-an online contest conducted by TI India University Program on17-11-2017.

- ❖ Successfully completed "**Introduction to CyberSecurity**" course by Cisco Networking Academy on Mar 21,2018

SKILL SETS:

- ➢ Programming Languages : C, C++, VB 6.0, VB.NET,Python
- ➢ Web Technologies : HTML,PHP
- ➢ Databases : Oracle 8i, Ms-Access,MySql
- ➢ Packages : Ms-Office 2000/ XP
- ➢ Operating Systems : Windows family & Linux

SUBJECTS HANDLED:

Regulation	Subjects Name
R10	Advanced data structures, C language,unified modeling language and design patterns,unix and shell programming,operatingsystems,cloud computing,compilerdesign,digital logic design,formal languages and automata theory,network programming.
R13	Web Technologies, Compiler Design,formal languages and automata theory,computerprogramming,data structures through c++.
R16	Python Programming, data structures through c++,advanced data structures,computerorganization,unixprogramming,WebTechnologies
R19	Object Oriented programming Through C++,DataStructures
R20	Programming for Problem Solving using C,computer networks,compiler design,object oriented programming using Cpp,python programming.

PUBLICATIONS / CONFERENCES:

- ➢ Successfully published "EMAIL **MINING: A DATA MINING TECHNIQUE APPLIED OVER THE EMAIL DATABASES**" at IJCSIT   5(1) june 2012.

- ➢ Successfully published "**Tag Based Relational Web Annotation Approach For Decision Making**" paper at *International Journal of Computer & Organization Trends –Volume 15 Number 1 – Dec 2014*

- ➢ Successfully published "**Conceptualization-Based Query Responding For DynamicDatabase**" paper at IJRECS @ Aug – Sep 2015, V-5, I-1

- ➢ Successfully published "**A Novel Classification Tool to Identifying Fruad Apps in Appstore**" paper at International Open Access Journal Of Modern Engineering Research (IJMER) Vol. 6 | Iss. 11 | November 2016 |

- ➢ Successfully published "**Aggregation On The Fly: Reducing Cpu Time Between Mapreduce For Big Data .**" paper at SSRG International Journal Of Computer Trends And Technology (IJCTT)

- ➢ Successfully published "**Image Search By Using Custom Tags With Geo Locations**"paper at SSRG International Journal Of Computer Trends And Technology (IJCTT)

- ➢ Successfully published "**Real Time Drowsiness Detection System for Driver Monitering**" paper at Journal of Engineering Science Vol 12 Issue 7 July/2021 ISSN NO:0377-9254

- ➢ Successfully published "**Flight Delay Prediction Based on Activation BigData and Machine Learning**" paper at Journal of Engineering Science Vol 12 Issue 7 July/2021 ISSN NO:0377-9254

- ➢ Successfully presented the paper title "**Forecasting Stock Prices Using Stacked LSTM**" in the International Conference on Artificial Intelligence and Its Emerging Areas-2K22 [NEC-ICAIEA-2K22], Organized by Department of Computer Science and Engineering in Association with CSI on 3rd and 4th June 2022 at Narasaraopeta Engineering College, Narasaraopet, A.P., India.

- ➢ Successfully presented the paper title "**Hand Gesture Recognition**" in the International journal of innovative engineering and management research(IJIEMR) Organized by Department of Computer Science and Engineering Vol 12 Issue 03, Mar 2023 ISSN 2456 – 5083.

- ➢ Successfully presented the paper title "**HUMANE -A Voice Based Emotion Predictor**" in the International journal of innovative engineering and management research(IJIEMR) Organized by Department of Computer Science and Engineering Vol 12 Issue 03, Mar 2023 ISSN 2456 – 5083.

FDP's / SEMINARS / WORKSHOPS / ORIENTATION PROGRAMS:

- ❖ Completed successfully One Week National Level Faculty Development Program on Cloud Infrastructure(AWS) Organized by Andhra Loyola Institute of Engineering and Technology Andhra Pradesh in collaboration with Brainovision Solutions India Pvt Ltd and All India Council for Technical Education(AICTE) during the period of 21st to 25th August 2023.

- ❖ Completed successfully 5 Day's Online International Faculty Development Program on Data Analyst organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR from 19th June 2023 to 23rd June 2023.

- ❖ Completed successfully 40 Hours Program on "Data Science for ALL" jointly organized by the Electronics and ICT Academies at IIT Roorkee, MNIT Jaipur, NIT Patna, PDPM IIITDM Jabalpur and NIT Warangal during March 22 – April 1, 2022 under the "Scheme of financial assistance for setting up of Electronics and ICT Academies"of the Ministry of Electronics and Information Technology (MeitY), Government of India.

- ❖ Completed successfully 30days master class on python programming from 28-02-2022 to 29-3-2022.

- ❖ Completed successfully One week Faculty Development Program On "Amazon Web Services" During the period of 22nd August 2022 to 27th August 2022 Organized by Departments of CSE & IT of ANDHRA LOYOLA INSTITUTE OF ENGINEERING & TECHNOLOGY in collaboration with BRAINOVISION SOLUTIONS INDIA PVT.LTD & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION – AICTE

- ❖ Completed successfully Online Faculty Development Programme on "AWS and Machine Learning" Sponsored by Ministry of Electronics and Information Technology(MeitY) GoI,organised by E&ICT Academy,NIT Warangal during 4th-13th October 2021.

- ❖ Completed successfully **AICTE Training And Learning (ATAL) Academy Online FDP on " Data Sciences"** from 2021-1-19 to 2021-1-23 at GUDLAVALLERU ENGINEERING COLLEGE**.**

- ❖ Completed successfully Faculty Development Program on "**Accelerate Research**" conducted during 28th October to 02nd November 2021.

- ❖ **A 3-**Day Online Faculty Development Programme on "**Advanced Teaching Tools, Techniques and Methodologies for Outcome based Engineering Education**" held during 09-09-2020 to 11-09-2020.

- ❖ A 6-Day **FDP** on "**Challenges in Cybercrime & Enforcement of Cyber Security**" conducted in association with Technical Partners CSI,CoDEF and NCDRC from 06-07-2020 to 12-07-2020 organised by Department of CSE,Dr.M.G.R.Educational and Research Institute,Chennai-600095

- ❖ A 1-Day Orientation programon "**Enhancing Teaching Quality Through Proact Digital Methodology**" on 16thJuly 2020 Organized by internal Quality Assurance Cell of ALIET, andVijayawada

- ❖ A one Week Faculty Development program on "**ICT TOOLS**" in association with STP-IIT Bombay during 11th-16th may 2020 organized by the Department of Information Technology, Sree Vidyanikethan Engineering College

- ❖ A 5-day online FDP on "**Cyber Security**" Organized by department of Computer science and

Engineering,in association with Supraja Technologies held from June 2nd to 6th 2020.

❖ A 5-day FDP on "**Machine Learning**" organized by department of CSE in association with VidyaTechnos Private Limited,Hyderabad from 09.06.2020 to 13.06.2020.

❖ A 5-Day **FDP** on "**EMERGING TECHNOLOGIES IN COMPUTER SCIENCE**" conducted in association with MGR CSI Student Chapter during 28th may to 2ndjune organised by Department of CSE,Dr.M.G.R.Educational and Research Institute,Chennai-600095

❖ A 3-day online FDP organized by the Department of INFORMATION TECHNOLOGY,ALIET,VIJAYAWADA conducted from 18-6-2020 to 20-6-2020.

❖ A 3-day online FDP on "**Machine learning and Artificial intelligence**" organized by the Department of CSE&IT,ALIET,VIJAYAWADA conducted from 04th may to 6th may 2020.

❖ A 5-Day "**Faculty Awareness Program on NAAC Accreditation"** Organized by RD's ShriChhatrapatiShivajitaje College of Engineering, Dhangawadi,Pune-412206 conducted online during the period of 10/05/2020 to 15/05/2020.

❖ A 1-day webinar on "**How to Write an Effective Paper"** organized by Matterhere on 10-may-2020.

❖ A 1-day **"Webinar on Virtual Classroom Management using Microsoft Teams",an online training program** offered remotely on 11/05/2020.

❖ A Online Faculty Focus Program "Experimental Learning using Virtual Labs" on 30th may 2020.

❖ A 1-week FDP on PHP &MYSQL from 18.05.2020 to 23.05.2020 organized by Department of computer science and Engineering JNTUH college of Engineering,Jagtial in association with Spoken Tutorial IIT-Bombay.

❖ A 5-day National Level Online Faculty Development Program on Artificial Intelligence from 22nd to 26th May 2020 organised by the Department of Computer Science and Engineering in collaboration with National Youth Council of India and Brainovision Solutions India Pvt.Ltd.

❖ A1-Day Virtual summit on COVID-19:Impact on Education,Technology,Environment&Mankind conducted on 30th May 2020.

❖ A 1-Day Seminar on "DIGITIZATION vs DIGITAL BASED ANALYSIS" In Collaboration with TCS under AICTE MARGDARSHAN heil on 31-10-2018 organized by the Department of Computer Science and Engineering,Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada.

❖ A 2-Day **Workshop** on "**Ethical Hacking**" conducted from 31-08-2018 to 01-09-2018 organized by Department of CSE, ALIET, andVijayawada.

❖ A 5-Day **FDP** on "**Firewall Installation configuration & Management**" in association with **PALOALTO Networks and ICT Academy** from 04-06-2018 to 08-06-2018, held at the Department of IT, ALIET,Vijayawada.

❖ A 1-week FDP on "Recent trends in Internet of things" From 13-11-17 to 18-11-17 organized by E & ICT academy ,NIT Warangle at KL University,Vijayawada.

❖ A 3-Day **FDP** on "*Cloud Computing using IBM Blue mix*" conducted in association with *Andhra Pradesh Information Technology Academy (APITA)* during 23-10-2017 to 25- 10-2017 at Department

of IT & CSE, ALIET, andVijayawada.

- ❖ A 2-Day **Workshop** on "*R-Programming & PYTHON*" from 28-07-2017 to 27-07-2017, Organized by Department of CSE, ALIET,Vijayawada.

- ❖ A 2-Day "*Faculty Orientation Program*" from 08-06-2017 to 09-06-2017, Organized by Department of IT & CSE, ALIET,Vijayawada.

- ❖ A 2-Days **Workshop** on "*Web Development using AngularJS*" from 17-02-2017 to 18-02- 2017, Organized by Department of CSE, ALIET,Vijayawada.

- ❖ A 3-Days **FDP** program on "*Advancements in Cloud Computing Services and its Applications*" from 17-11-2016 to 19-11-2016, Organized by Department of CSE & IT, ALIET,Vijayawada.

- ❖ A 2-Days **Training Course** on "*Big Data Analytics using HADOOP*" from 16-9-2016 to 17-9-2016, Organized by Department of IT, ALIET,Vijayawada.

- ❖ A 2-Day **Workshop** on "*Big Data Analytics*" from 22-07-2016 to 23-07-2016, Organized by Department of CSE, ALIET,Vijayawada.

- ❖ A 1-Day "*NBA Orientation Program*" conducted at ALIET, Vijayawada on06-06-2016.

- ❖ A 3-Days **FDP** program on "*GROOVY ON GRAILS*" on 21st, 22nd, & 24th March 2016, Organized by Department of CSE, ALIET,Vijayawada.

- ❖ A 12-Day "DST sponsered two week FDP **on BIG DATA ANALYTICS**" at PVPSIT,Vijayawada from 13thjune-23rdjune 2016