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	**KARRA NEEHARIKA**	
Designation	**Assistant Professor**	
Department	**Computer Science & Engineering**	
Date of Joining the Institution	**29-07-2022**	
Qualification with Class/Grade	**UG: B.Tech 1st Class** **PG: M.Tech 1st Class with Distinction** **Ph.D: Pursuing**	
E-Mail	**karra.neeharika@gmail.com**	
Total Experience in Years	**Teaching: 5.5 years**	**Industry: --** **Research: 1 year**
Papers Published	**National: 01**	**International: 04**
Papers presented in Conferences	**National: 01**	**International: 04**
PhD Guide? Give field & University	**Field: Network Security**	**University: KL University**
PhDs / Projects Guided	**PhDs: --**	**Projects at Masters Level: --** **Projects at UG Level: 09**
Books Published/IPRs/Patents	**----**	
Professional Memberships	**---**	
Consultancy Activities	**---**	
Awards	**---**	
Grants fetched	**---**	
Whether Ratified by University (Yes/No)	**NO**	

Work Experience

Research Scholar at **KL University** working on Network security with Federated Learning.

Completed **Pre PhD** in the A.Y.2023-2024.

Currently working with **Andhra Loyola Institute of Engineering &Technology** as an Assistant professor

Worked as an Assistant Professor in **Andhra Loyola Institute of Engineering &Technology** for 3years **(2016-2019).**

Subjects of Interest

Computer networks, cryptography and network security, Web technologies, Operating Systems, Computer Organization, Data Mining, Data Structures, C Programming, Deep Learning.

Technical Skills:

Languages: C,C++,Python.

Technologies : PEGA.

Academic Details:

Master of Technology in Computer Science & Technology.

Sir C.R.Reddy College of Engineering and technology , ELURU.

(AU – Visakhapatnam)

CGPA – 8.4(First class with Distinction)   Oct 2013 -Oct 2015

Bachelor of technology in CSE

SRK Institute of Technology - Enikepadu

JNTU -Kakinada

INTERMEDIATE

Narayana Junior College ,Vijayawada

TENTH

Ravindra Bharathi Public school, Vijayawada

Journals and Conferences

Karra. Neeharika,. K. sreenu. Protection. Assessment of pattern classifiers. Under attack. IJCST. International. 2015. Vol. 3,. Issue. No. 11.

A Hierarchical Waste Segregation Using Smart Dustbin 2023 International Conference on Computer Communication and Informatics (ICCCI) K.Sony, **K.Neeharika** , K. Jahna Pravallika, with DOI DOI:10.1109/ICCCI56745.2023.10128382

Karra Neeharika, Anurag Parasa Nancy, Sony K -Tracing Crime Data using Clustering Techniques with Data Visualization" *Journal of Advanced Research in Dynamical and Control Systems*, **Volume** 9, **Year** 2017, **Pages** 2620-2626

Priya Darsini Lankapalli, **K. Neeharika**, N.Rukmini Sai Priya Cloud Computing " International journal of advance research in science and engineering", Volume 07,Issue 04, April 2018.

Karra Neeharika, Prince Wilson V Joseph, Moganati Brijesh, Tata Varun Kumar project clan (connecting loyolites to the aliet nexus) with DOI DOI: 10.48047/IJIEMR/V12/ISSUE 03/37.

Conferences and Events Organized

Organized a two-day International Conference on" Emerging Trends in Computer Science Engineering "in collaboration with Office of the Internationalization Mindanao State University Sulu, Philippines -29-30-Sep-2023

Organised a Seminar on "Practical Approach on Network Protocols".

Organizing Member in Inter Student Exchange Program (Mumbai) Oct-2023

Organized "A 4 cycle International Alumni Workshop ".

Attended an Extension Program for 10th students from Government school(Girls) to share Technical knowledge.

SEMINARS,CONFERENCES and WORKSHOPS Attended

Presented the paper title CRIME TYPE AND OCCURRENCE PREDICTION USING MACHINE LEARNING ALGORITHM in the International Conference on Artificial Intelligence and Its Emerging Areas-2K24 [NEC-ICAIEA-2K24].

Attended a 3 FDP on Advancements on "CLOUD COUMPTING and Its Applications" in ALIET

Attended a workshop on "BIG DATA ANALYTICS" in ALIET.

Attended one day seminar on "Business Intelligence Data Warehousing" in ALIET.

Attended 2-day workshop on "IBM Bluemix "conducted by APITA

Presented the paper title Automatic HTML Code Generation from mockup Images using machine learning techniques in the International Conference on Artificial Intelligence and Its Emerging Areas-2K24 [NEC-ICAIEA-2K24].

SKILLS and ACHIEVEMENTS

Certification on PEGA Tool by JAVA concepts.

Conducted departmental Technical FEST and workshops.

Selected as Teaching Faculty in RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES Andhra Pradesh.

Faculty advisor for **Google Developer Students Club** GDSC program at ALIET.

Developmental Activities

Developed **C Programming Lab** manual
Developed **UML lab Manual**
Developed **FOSS Lab Manual**

College Level Activities

College Level **NAAC Criterion 1** In charge
College Level **Cultural Coordinator**
Departmental **IQAC Coordinator**
Departmental **NPTEL Coordinator**

FDPs attended

UI Path and Robotic Process Automation - 5 Day FDP by ITC Academy.

Machine Learning and Predictive Analysis using Python – 1 week FDP by NITTR

10 Day FDP on " AI & ML Applications in engineering " organised by Electronics & ICT Academy, NIT Warangal .
International FDP on Cloud Infrastructures (AWS) – Brain O vision

International faculty development program on Data Analyst organised by APSSDC in collaboration with ExcelR. – 5-day FDP by APSSDC.

5 Day International FDP on Data science and ChatGPT organised by KLUniversity.

6 Day virtual FDP on "Machine learning in practice" organised by LBRCE.

5 Day FDP on Innovative teaching and Learning Pedagogy organised by Research foundation of India.

5 Day FDP on Machine Learning Advancements organised by GIET.