




DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

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		FACULTY PROFILE		
Name of the Faculty		Sunil Chandolu		
Designation		Assistant Professor		
Email & Phone No				
		csunil.diet@gmail.com 7989011922		
Date of Joining		3 rd June		
Nature of Association		Regular		
Department		Computer Science & Engineering		
Educational Background		Ph. D Pursuing in GITAM University, Visakhapatnam.		
		M.Tech (CSE) – V.R. Siddhartha Engineering College		71.9% - First Class with Distinction
		B.Tech (CSE)- GITAM College of Engineering		61%
Research Areas		Computer Networks and Security		
Experience				
	S.No	Institute	Designation	Period
	4	VIGNAN'S Institute of Management and Technology for Women, Ghatkesar, Hyderabad,	Assistant Professor	21-07-2019 to 31-07-2023
	3	GITAM Institute of Science, GITAM UNIVERSITY, Visakhapatnam,	Assistant Professor	05-07-2018 to 30-06 2019.
	2	Pydah Kaushik College Of Engineering, Vishakhapatnam,	Assistant Professor	08-06-2011 to 31-06-2018
	1	SISTAM College Of Engineering, Srikakulam,	Assistant Professor	01-09-2009 to 25-02-2011

List of Publications (National and International Journals):

1. Privacy based customizable point of interest queries in location based networks. Published in **IJMETMR, journals, Volume-3, issued No-11, November 2016.**
2. CWA-AI Model to Control Network Delays for A-GPS Mobile Based Ad Hoc Networks, Published in **IJPAM (Scopus Indexed), Volume 119 No.14, may 2018, 247-257**
3. Improved Power Aware Routing Schema To Balance Power Consumption In Wireless Ad-Hoc Networks, Published in **JARDCS (Scopus Indexed) Vol. 10, 09-Special Issue, 2018, 2261-2269**
4. Secure Energy Tradeoff Analysis in Wireless Ad-Hoc Networks using Novel Scalable & Secure Management Procedure. International Journal of Recent Technology and Engineering (**IJRTE**), **Scopus Indexed, SEP-2019**, Volume 8, 469-473
5. Packet Delivery Ratio and Overhead Reduction for A GPS Mobile Ad Hoc Networks. International Journal of Engineering and Advanced Technology (**IJEAT**), **Scopus Indexed, FEB-2020**, Volume 9, 743-747
6. Classification Method for Imbalanced Data using Ensemble Learning System. In **IJITEE, Scopus Indexed, FEB-2020**, Volume 8, 1845-1848
7. The use of Machine Learning Techniques in A web-Based Learning Diagnosis System Program, International Journal of Recent Technology and Engineering (**IJRTE**), **Scopus Indexed**, Volume-8 Issue-6, March 2020
8. Restaurants Rating Prediction using Machine Learning Algorithms. In **IJITEE, Scopus Indexed** April-2020, Volume 8, and Issue-6.
9. Gender Voice Recognition with Classification approach using Random Forest and Decision Tree Algorithms, **International Journal of Research in Advent Technology, (Web of Science) Vol.8, No.4, April 2020.**
10. Machine Learning mechanisms in Secure IoT requisitions with Identity-Based Encryption, **International journal of Control and Automation (IJCA)**, Scopus indexed Journal, *31 JULY 2020, VOL 13, NO 7, PP. 1-10.*
11. Creation of Synthetic Data of Chest X-Rays For Detection of Covid-19 Using Unitrans, A **Journal of Composition Theory, UGC Journal, Vol XV, Issue II, Feb 2022**

Patents:

- **A Novel Edge - Cloud Enabled Data Deviance Detection in IOT System**, with application No. : 202041047474A, Publication date: 13/11/2020.
- **CNN algorithm based self driving car for future smart city road method and thereof**, with application No. : 202221025730, Publication date: 13/05/2022.

Book Chapters:

- **Book title :** Challenges and Possible Solutions for Emerging Trends in Technologies ,
Chapter name: Creating a Chatbot Using Python and Machine Learning Techniques, with
ISBN: 978-93-5627-706-9

Coursera Certificates:

1. Cyber security and the Internet of Things
2. What is Data Science
3. Python for Data Science and AI
4. Introduction to Cyber security Tools & Cyber Attacks
5. Introduction to Cyber Attacks
6. Usable Security
7. Classical Cryptosystems and Core Concepts
8. Introduction to Data Science in Python
9. Software Security
10. Hardware Security
11. Structuring Machine Learning Projects
12. Introduction to Big Data
13. Developing Data Products
14. Python Data Structures
15. AI For Everyone
16. Practical Machine Learning
17. The Data Scientist's Toolbox
18. R Programming
19. Introduction to Big Data
20. Sequence Models

Faculty Development Programs

1. Productivity tools for teaching enhancement – Dhanyahitha Educational Society – GITAM, Visakhapatnam- 7th May to 21st May 2020.
2. One Week FDP on “Role of Machine Learning & Data Sciences in AI” - Department of CSE and M&H, Mahatma Gandhi Institute of Technology, Hyderabad. - 28th June to 2nd July 2020.
3. Online National Level Quiz on AI and Robotics - Holy Mary Institute of Technology & Science, Bogaram, Hyderabad - 06 Feb 2020.
4. “Developing JSF Web Applications with Hibernate - A Hands on Approach” -Department of Computer Science (Shift I), Bishop Heber College, Tiruchirappalli - 6th June 2020.
5. “AWS Cloud Computing Services” - Department of Computer Science and Engineering, Joginpally B.R Engineering College, Yenkapally, Hyderabad - 3rd June 2020.

6. Faculty Development Program on Python 3.4.3 - Dharmamurthi Rao Bhagadur Calavala Cunnan Chetty's Hindu College - 10th June to 15th June 2020.
7. Artificial Intelligence- Department of CSE, IT and MCA, CBIT, Hyderabad - 22nd May to 26th May 2020.
8. MACHINE LEARNING - Department of Data Science, Loyola College, Chennai- 22nd June to 25th June 2020.
9. Online Faculty Development Program on “Block chain & Cyber security: A unique fusion to untangle present-day cyber security challenges” - Andhra University College of Engineering (A) under ISEA Project, MEITY - Government of India - 22nd June to 26th June 2020.
10. National Level E-Quiz on “Big Data Systems” - Department of Computer Science & IT, Kishtwar Campus, University of Jammu on 30th May 2020 with the score of 50/50.
11. Online Faculty Development Programme - Department of Statistics, DRBCCC Hindu College, Chennai, Tamil Nadu, in collaboration with Spoken-Tutorial Project, IIT Bombay, funded by National Mission of Education through ICT, MHRD, Govt. of India. - 10th June to 15th June 2020.
12. Faculty Development Program on “Introduction to Machine Learning and its Applications”- Dept of Computer Science Engineering, NIT Warangal & IIITDM, 21st -30th March 2022

Achievements / Awards /Honors:

- **Qualified GATE – 2006**
- **Ratified By JNTU Kakinada 2010**
- **Ratified By JNTU Hyderabad 2021**

Sunil Chandolu