

# GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

(UGC Autonomous)

(AICTE Approved, Permanently Affiliated to JNTUH, Accredited by NBA an Accredited  
by NAAC with 'A' Grade)

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Department of CSE (Cyber Security)

## Research Publications in International Journals/Conference

AY 2022-2023

S. No.	Title of Paper	Name of the author/s	Name of Journal/conference	Year of Publication	ISSN Number
1	An Artificial Intelligence-based crop recommendation system using machine learning	Dr.Shraban Kumar Apat	Journal of Scientific & Industrial Research	2022-2023	ISSN 0975-1084
2	A novel satellite image segmentation using vggnet	Ms.Shakira	Palarch's Journal Of Archaeology Of Egypt/Egyptology	2022-2023	1006-6748
3	An Empirical Study to Enhance the Accuracy of an Ensemble Learning Model for Crop Recommendation System by Using Bit-Fusion Algorithm	Dr.Shraban Kumar Apat	Springer	2022-2023	Online ISBN978-3-031-24352-3
4	State of the Art of Ensemble Learning Approach for Crop Prediction	Dr.Shraban Kumar Apat	Springer	2022-2023	978-981-19-1412-6
5	IoT-Assisted Crop Monitoring Using Machine Learning Algorithms for Smart Farming	Dr.Shraban Kumar Apat	Springer	2022-2023	978-981-19-1412-6
6	An Efficient Machine Learning-Based Malware Prediction and Classification Architecture: A Cybersecurity Case Study	Ms.Himabindu	NeuroQuantology	2022-2023	3350 - 3358.
7	Behavioral Study of Customer Using Deep Learning Techniques	Ms.Shakira	IEEE Conference	2022-2023	978-1-6654-9396-3

**Geethanjali College of Engineering and Technology**  
**Department of Computer Science and Engineering**  
**(Cyber Security)**

**Books/Book chapter**  
**AY 2022-23**

S.No	Name of the Faculty	Title of the Book/Book chapter with publisher name	Month /Yr	ISBN NO	National /International	GCET Affiliation or not
1	Dr.Shraban Kumar Apat	Machine learning, BBP Publication	Oct-2022	978-93-91363-13-0	National	Yes
2	Dr.Shraban Kumar Apat	Data Mining and data warehousing, Scientific International publication	Jan-2023	978-93-5625-688-0	International	Yes

**Geethanjali College of Engineering and Technology**  
**Department of Computer Science and Engineering**  
**(Cyber Security)**

**Faculty Patent invented/granted**  
**AY 2022-2023**

S.No	Name of the Faculty	Title of the Patent	Month /Yr	Application no	GCET Affiliation or not	Granted or not
1	Dr.Shraban Kumar Apat	Design web server to client communication for web usage data analysis	9/9/2022	202241050147	Yes	Not
2	Mr.O.Srinivas	Online store management and products selling using AI	Nov-2022	202241053931	yes	Not
3	Dr.G.Lokeswari	Design system of a novel feature extraction and classification of breast cancer using ensemble pre-fully connectd layers in CNN.	Feb-2023	202341022794	yes	Not