

HOLY CROSS COLLEGE (AUTONOMOUS), TRICHY
PG DEPARTMENT OF COMPUTER APPLICATIONS
RESEARCH PUBLICATIONS
2024 - 2025

S.No	Name of the Faculty	Title of the Paper	Date	Name of the journal	Conference Proceedings	Book Chapters
1	Dr. K. Juliet Catherine Angel	1. Gulf Advertisement Management System: Approval Process	2024			Power BI Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		2. A Web-Integrated AI for Scrap Management: A sustainable Approach to Waste Reduction				
		3. A Web Aopplication for Streamlining Gulf Advertisements (WASGA)				
		4. A Comparative Study On Brain Mapping And Neural Network Analysis Using Deep Learning Algorithms	20-09-2024		One Day International Conference on "Trends in Artificial Intelligence (ICTAI)"	
		5. Face Recognition using Self- Supervised Learning in Computer Vision				

2	Dr.P.Revathi	1. An AI Based Statistical Approach for QoS Guaranteed MANET Services using Natural Language Processing Techniques	02-07-2024		AMET Global Maritime Summit 2024: Charting the Future of Maritime Excellence ISBN: 978-93-6290-050-0 Pages: 223 – 227 Paper Submitted: 18th June 2024 Paper Accepted: 24th June 2024 Paper Published in Proceedings: 2nd July 2024	
		2. Paper ID: ICDSNS253 Title: Deep learning based approach for detecting student engagement through facial emotions	26-7-2024 and 27-7-2024		2nd IEEE International Conference on Data Science and Network Security - ICDSNS 2024 ISBN: 979-8-3503-7311-0/24 ©2024 IEEE Papers Submitted: 31st May 2024 Papers Accepted: 27th June 2024 Paper	
		3. Paper ID: ICDSNS255 Title: Predicting Pre-owned Bike values with Machine Learning in Bangladesh				

		4. E- Commerce Store Sales Report Dashboard using Power BI	2024			Power BI Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		5. Employee Tracking (Android Application)				
3	Ms. M. Deepika	Gulf Advertisement Management System	2024			Power BI Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
4	Ms.J. Arockiya Mary	1. E_Tender Portal	2024			Power BI Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		2. Road Accident Analysis				
5	Dr. H. M. Leena	1. HR Analytics and Employee Performance Assessment Dashboard.	2024			Power BI Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		2. Twitter Dashboard Using Power BI				
		3. Pharameasy Medicine Shopping Application Management System				
6	Ms. P. Xavier Jeba	1. Healthcare	2024			Power BI

		Administration Dashboard				Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		2. Adenocarcinoma (Breast) Cancer Detection Using Artificial Intelligence				
7	Dr. N. Karpagavalli	1. Climate Pattern Analysis Using Weather Data	2024			Power BI Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		2. Grocery App Management System				
		3. Customer Churn Analysis				
		4. Global Super Store Dashboard Using Power BI Analysis				
8	Ms. Emima	1. Amazon Product Sales Analysis Dashboard	2024			Power BI Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		2. Identify Slow learners for Remedial Teaching and Capacity Building for Innovative	20-09-2024		One Day International Conference on "Trends in Artificial Intelligence (ICTAI)"	
		3. Dashboard for Real Time Monitoring of Building Construction				
9	Ms. J. Vinnarasi	1. Ready Mix Concrete Sales Consolidation and	2024			Power BI Analytics Across

		performance Report				Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		2. DeepFake Technology: A Comprehensive Analysis And Detection Methods	20-09-2024		One Day International Conference on "Trends in Artificial Intelligence (ICTAI)"	
10	Ms. K. Chitra	1. Sign Language Interpretation using Machine Intelligence	2024			Power BI Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		2. E- Tender-Admin Sector				
		3. E- Tender - User Sector				
11	Dr.S.M.Muthukumari	1. AI- Enhanced Malaria Parasite Detection From Blood Smears	2024			Power BI Analytics Across Industries: Transforming Data into Insights ISBN: 978-81-962447-5-0
		2. The Impact of AI in Social Media Marketing	20-09-2024		One Day International Conference on "Trends in Artificial Intelligence (ICTAI)"	
		3. AI VS Human Cognitive will AI Outperforms Humans at Cognitive Task				

