

## Academic Projects

Under Graduates				
S.No	Batch	Project Title	Type of Project	Outcome
1	2018-2019	Credibility Analysis Of Twitter Data During Times Of Crisis	Research	Scopus Publication
2		Tweedle: Sensitivity Check In Health Domain Tools	Research	Scopus Publication
3	2019-2020	Analysis of health care based Self-disclosure in online social Network using text mining	Research	Scopus Publication
4		Detection of cyberbullying in Twitter profiles	Research	Scopus Publication
5		Modeling a behavioural and credit Scoring system for lending loans in the Banking sector	Research	Scopus Publication
6	2020-2021	Credit Card Fraud Detection Using Ensembling Methods Srinidhi. S, Sowmya. K,	Research	Scopus Publication
7		Swear Words Replacement Suggestion System Naveen. S, Mayank Singh,	Research	Scopus Publication
8		Application of Open-Source Intelligence In Crisis Analysis - A Covid-19 Case Study Bhuvanasri, Meenakshi	Industry	Scopus Publication
9		Vulnerability Analysis of Critical Resources Using ML Arjun	Industry	Thesis
10	2021-2022	A Monitoring System for Detecting Cyberbullying in Social Media Using Deep Learning Approach Janice	Research	Thesis
11		Vulnerability Analysis of web applications using PEN test and text forensics Shruthi, Shamitha	Industry	Thesis
12		Bitcoin price prediction using deep learning algorithm Sruthi Ashok Kumar	Academic	Thesis
13	2023-2024	SHAP it Fair: A Multi-Domain Approach for Identification and Visualizing Bias in Machine Learning Models Aravind Vijayaraghavan	Research	Scopus Publication
14		Empowering Indian legal NLP: Adversarial sampling and multi-label classification with large language models Shanmukha Naveen K, Sharon Roshini S	Research	UGC Approved Journal
15	2024-2025	PC-DOC: AI Cyber Threat Analysis Assistant Sabarish & Santhosh	Research	Communicated – 1 <sup>st</sup> Review completed
Post Graduates				
1	2014-2015	Link prediction in social attribute network using machine learning technique	Academic	Thesis
2	2015-2016	Identifying influencer in heterogeneous social network using role analysis	Academic	Scopus Publication

3	2015-2016	Evolution & Detection of Communities in Dynamic Social Networks	Research	Scopus Publication
---	-----------	---	----------	--------------------

### Consultancy Projects

Sl. No	Title of consultancy Project	Funding agency	Period	Amount (in Lakhs)	Realized funding as	Status
1	Threat intelligence collection from social media for adolescent children	Maltego	2022- 2023	5.63	1 License	Completed

### Research Projects

Sl. No	Project Title	Cost in lakhs	Duration in Years	Agency	Role	Domain
1	Social Cyber Forensics using OSINT <b>(Completed)</b>	5	1.5	SSN Trust	PI	Cyber security
2	Behavior Analysis of Privacy Leaks on Twitter <b>(Completed)</b>	2	1.5	SSN Trust	PI	Social media analytics
3	Joint link prediction <b>(Completed)</b>	3.5	1.5	SSN Trust	PI	Social network analysis
4	Predpatrol- predictive patrolling <b>(Completed)</b>	0.16	1	SSN Trust	Faculty Mentor	Cyber security
5	PeopleXploit <b>(Completed)</b>	0.16	2	SSN Trust	Faculty Mentor	Cyber security
6	M-Shield: Android finder with remote controls <b>(Completed)</b>	0.24	2	SSN Trust	Faculty Mentor	Data Analytics & Web App
7	Reel or Real - Credibility checker for online news <b>(Completed)</b>	0.25	2	SSN Trust	Faculty Mentor	Social media analytics

### Published US Patent

**Title:** A Sensitive Information Disclosure Prediction System for Social Media Users and Method Thereof

**Bibliographic Data - Application - Patent Center - USPTO**

**Appl. No:** 18/455, 301

**Pub. No:** US 2024/0005034 A1

**Pub. Date:** Jan 4, 2024

**Inventor details:**

1. Geetha Raju, Senior Associate - AI/ML, Price Waterhouse Coppers - PwC India
2. Karthika Subbaraj, Associate Professor, Sri Sivasubramaniya Nadar College of Engineering,
3. S. Bose, Professor, CEG, Anna University
4. Poongodi Manoharan, Research scientist, INTI International University, Malaysia