Patent details

1. Prof. GopiKisan J : .AI Enabled smart classroom Management Device for Real Time student Engagement Monitoring.

2.Prof. GopiKisan J – Wireless charging Technology for Electric Vehicles.

3. Prof.Vishva Kiran: .AI Enabled smart classroom Management Device for Real Time student Engagement Monitoring.

4.Dr Shalini Prasad: SYSTEM AND METHOD FOR ENHANCING PERFORMANCE AND POWER EFFICIENCY IN WI-FI ENABLED IOT DEVICES

5. Prof. Madhavi j Kulkarni: Machine Learning and IOT Based Fire Alaram System.

Book Details

1. Prof.madhavi j Kulkarni and Dr. Ramamoorthy on 'Wireless Communication".

2 Dr Shallini Prasad, **Futuristic Trends in Network & Communication Technologies Volume 3 Book 3**

Paper Publication.

SL.No.	Name of the Faculty	Title of paper.	Name of the Conference	National /International
1	Dr.Ravindra.S	Dynamic Security and Re-Authentication for Next Generation Network Using IKEv2	NCETSET	National
2	Prof.Mallikarjuna.G. S	Dynamic Security and Re-Authentication for Next Generation Network Using IKEv2	NCETSET	National
3	Prof.Gopi Kishan	Dynamic Security and Re-Authentication for Next Generation Network Using IKEv2	NCETSET	National

4.	Prof.Madhavi j Kulkarni	Mountain Climber health and GPS Tracker	NCETSET	National
5	Dr Shalini Prasad	A machine Learning Framework for Integrating Multi Omics data For early Leukemia Detection	IEEE	International
6.	Dr Shalini Prasad	Adaptive deep Ensemble Learning for Robust Network Intrusion Detection in Industrial Iot Networks	IEEE	International
7	Dr Shalini Prasad	Electromagnetic Pulse Generator	NCETSET	National

NPTEL Courses Completed:

1. Prof.Madhavi j Kulkarni: a. Research Methodology (23-24) b. Cloud Computing (23-24)

C. Introduction to Machine learning (23-24) d. Computer Networks and Internet Protocol (24-25)

FDP ATTENDED:

SL.No.	Name of the Faculty	Title	Details	National /International
1	Prof.Madhavi j Kulkarni	a) Emerging technologies, challenges and Research Prospective in Health care b) Deep learning Techniques for Seismic Image Processing c)Future Innovation: Exploring Machine learning d) Effective Research Paper Writing Tools and Techniques e) PCB Design using ALTIUM 365	5-day VGST sponsored Faculty Development Program (21-25 October 2024)	National
2	Dr Ravindra	a) Cyber Security b) Deep Learning and Imaging	a)7-days FDP (14th Feb to 20th Feb2025) b) 21st to 27th october 2024	National
3	Dr Shalini Prasad	a) Emerging Trends in Deep Learning and Machine Learning b) PCB Design using ALTIUM 365	40 Hours Faculty Development Program (10th march -19 th March 2025) Three days FDP (27 th Feb-1st March2025)	National
4	Prof.Lathashree v	• Quantum Revolution, a Journey Across orbits • Innovative AI/ML Solutions for Advanced VLSI Design and Verifications	04/02/2025 to 13/02/2025 10/02/2025 to 14/02/2025	National National

		• Effective Research Paper Writing Tools and Techniques • Physical layout with RTL design & verification using cadence tool flow	20th -22nd March 2025 17/02/2025 to 21/02/2025	
5	Prof. Chethana S	Quantum Revolution, a Journey Across orbits • Innovative AI/ML Solutions for Advanced VLSI Design and Verifications	04/02/2025 to 13/02/2025 10/02/2025 to 14/02/2025	National