

Date

6-4-26

Subject: Screening of PATENTS and COPYRIGHTS

All screening committee members,

Patent Screening Committee is continuously working with inventors and authors for publishing better and relevant patents & copyrights with the university name. Following are the details of copyrights and patents to be undergone for screening by members:

S.N	Type	Title	Author/Inventors
1	Patent	Precision Agriculture Platform for Leaf-Level Nutrient Deficiency Detection using IoT and Deep Learning	Dr Prashant Jain Dr. Sumit Jain Dr. Sachin Patel Dr Deepak Agrawal Dr. Deepak Yadav Samiksha Kutre
2	Patent	An Adaptive Multi-Artifact Behavioral Correlation System for Real-Time Cyber Crime Detection	Dr. Prashant Jain Mr. Praseon Shukla Dr. Sumit Jain Ms. Madhu Mitta Mr. Rajkumar jat Mr. Piyush kumar jaiswal
3	Patent	Autonomous Interview Orchestra on System for Real-Time Adaptive Scheduling in Mass Recruitment Environments	Dr. Prashant Jain, Dr. Ati Jain, Mr. Ajeet Pal, Rajat Suthar Bhardwaz, Garvit Singh Baghel, Mr. Akshay Khare, Mr. Sandeep Mandliya
4	Patent	AI-Based Multi-Source Intelligence System for Pre-Disclosure Prediction of Corporate Strategic Decisions Using Behavioral and Data Fusion Models	Dr Prashant Jain Dr. Sumit Jain Kunal Survey Abhay Gour
5	Patent	Scan-to-Seat: An Intelligent Admit Card Based Automated Examination Entry and Seat Allocation System	Ms. Vaishnavi Rajput, Dr. Rekha Ranawat <i>Ms. Sakshi Agarwal</i>
6	Patent	An Artificial Intelligence and Internet of Things Based System and Method for Real-Time Examination Monitoring Using a Behavioral Change Index	Ms. Vaishnavi Rajput, Dr. Rekha Ranawat <i>Dr. Prashant Jain</i>
7	Patent	AI-Enabled Intelligent Portable Audio Amplification System Integrated with Mobile Devices for Real-Time Processing, Dynamic Loudness Enhancement, Environmental Adaptation, Noise Suppression, and Feedback Control	Dr Prashant Jain Dr. Sumit Jain Dr. Satyendra Sharma Neha Therolkar

8	Patent	A Swallow-Synchronized Water Intake Measurement System Using Acoustic and Vibration Sensing	Dr. Prashant Jain Dr.Sumit Jain Dr Satyendra Sharma Jitendra Sharma Dimmika Rajak Unnati Chourasiya
9	Patent	Portable Multi-Sensor Based Early Fire Detection and Automatic Suppression System for Electric Vehicles During Charging	Dr. Prashant Jain Dr. Satyendra Sharma Dr. Piyush Moghe Prof. Pulkit Solanki Mr. Niraj Jhapate Mr. Arpit Kumar Paswan Mr. Deepak Yadav Ms Nikita Kakde Yashika Shinde
10	Patent	AI-Driven Wearable Earphone Device for Automatic Hydration Monitoring Using Swallow Recognition	Dr Prashant Jain Dr.Sumit Jain Dr. Satyendra Sharma Neha Therolkar Jaydeep Karoda
11	Patent	AI-Based Smart Home Energy Theft and Energy Wastage Detection System Using IoT-Based Appliance Monitoring.	Dr. Prashant Jain Dr. Deepika Jain Dr. Sapna Jain Dabade Saumya Tiwari Unnati Rajput
12	Patent	Adaptive Federated Learning Framework for Privacy-Preserving Healthcare Data Analysis	Dr. Prashant Jain Mr.Lokendra Vishwakarma Dr. Sumit Jain RudraPratap Singh Solanki Neetesh Dhanak
13	Patent	"Smart Pothole Detection & Road Alert System"	Dr. Prashant Jain Prof.Lokendra Vishwakarma Dr. Sumit Jain Lucky Suryavashi
14	Patent	"A Portable AI-Based Distributed IoT System for Micro-Location Air Quality Forecasting and Adaptive Personalized Health Advisory Generation"	Dr. Prashant Jain Prof. Lokendra Vishwakarma Dr. Sumit Jain Samrath Kumawat Priyansh Patel
15	Patent	A System and Method for Real-Time Multi-Modal Cargo Load Optimization Using Hybrid 3D Bin Packing, Intelligent Constraint Processing, and Adaptive Heuristic Algorithms	Dr. Prashant Jain Dr. Dilip Singh Solanki Prof. Jeetesh Kumar Jain Prof. Praveen Kumar Gautam Yash Mudgal
16	Patent	System and Method for Emotion-Aware Phishing Detection Using Behavioral Biometrics and Cognitive Response Analysis	Ms. Sakshi Agrawal Dr. Deepak Agrawal Ms. Nidhi Agrawal Dr. Anand Singh Gadwal Ms. Tejal Agrawal Ms. Poonam Rijhwani
17	Patent	"An AI-Driven Emotion-Aware Wearable System for Predictive Disease Detection Using Multi-Modal IoT Sensing and Affective Computing"	Ms. Sakshi Agrawal Dr. Deepak Agrawal Prof. Aastha Goswami Ms. Nidhi Agrawal Nilakshi Kaushal Shreya Rai Tanishka Malviya
18	Patent	Smart Public Transport System Based on Passenger Emotion Analytics for Safety and Comfort	Ms. Sakshi Agrawal Dr. Deepak Agrawal Prof. Aastha Goswami Ms. Nidhi Agrawal Nilakshi Kaushal Shreya Rai Tanishka Malviya

19	Patent	“AI-Based Pedestrian Emotion and Driver Risk Detection System with Vehicle-to-Vehicle Alert for Accident Prevention”	Ms. Sakshi Agrawal Dr. Deepak Agrawal Ms. Nidhi Agrawal Prof. Aastha Goswami Poonam Rijhwani Pragya Jagtap Tejal Agrawal
20	Patent	“A Federated Learning-Based Decentralized Cyber Threat Intelligence Sharing Framework for Smart Cities”	Ms. Sakshi Agrawal Dr. Deepak Agrawal Dr. Anand Singh Gadwal Ms. Nidhi Agrawal Pintu Awase Lokesh Doriya
21	Copyr ight	Autonomous and Self-Learning Cloud Systems	Dr. Prashant Jain Dr. Deepika Jain Dr. Sapna Dabade Mr. Vishal Kumar
22	Copyr ight	"Quick-Fix: An On-Demand 24/7 Ecosystem for Decentralized Handyman Services"	Dr Prashant Jain Prof Lokendra Vishwakarma Dr Sumit Jain Salvi Kushwah
23	Copyr ight	“AgniTrishool : The Last Stand of Andhak”	Dr. Prashant Jain Prof. Garima Hardia Dr. Rajat Bhandari Krishna Kumar Yadav Rohit Kumar Akshay Khushwaha

Meeting time is decided as **2.00 PM** at Idea Lab Seminar Hall G22 A Block on **9th April 2026**.
For your consent and kind approval, please.

Prepared by:

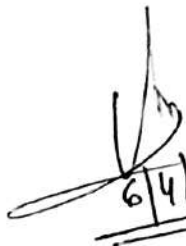
Dr. Ati Jain, IPR Convener
IPR TASK GROUP, SUI

Meeting In-Charge:

Dr. Hemant K Gupta
Dr. Rajdeep Chakraborty
Dr. Jayshree Nandeshwar

Approved by:

Dr. Lalji Prasad, HOI IET CSE IT APP Sc & IAC Spec,
PTO,
Dean R & D,
SUI


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