



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	"A Self-Adaptive IoT-Cloud System with Automated Fault Detection and Recovery Using Data Mining Techniques"	Dr.. Prashant Jain Dr. Hemant <u>Kumar</u> Gupta Nikhil kumar Rathore Ashutosh Mishra
2	Patent	"An Autonomous Predictive and Self-Healing Cloud-Based Traffic Management System"	Dr..Prashant Jain Dr. Hemant Kumar <u>Gupta</u> Nikhil Kumar Rathore Ashutosh Mishra
3	Patent	Smart Wi-Fi Guardian	Dr. Prashant Jain Hemant <u>Gupta</u> Durvakshi Vyas Abhishek Singh Yuvraj Tomar Lalman Antim Engle
4	Patent	"AI-Based Precision Farming System Using Weather, Soil Analytics, and Rule-Based Crop Recommendation"	Dr. Prashant Jain Gauri Banduke Dhruv Gupta Ajeet <u>Pal</u> Dr. Ati <u>Jain</u>
5	Patent	AI-Based Adaptive Collaborative Robot System with Predictive Safety and Human Behaviour Learning	Ms. Sakshi Agrawal Prof.Vaishali <u>bajpai</u> Ayushi Shukla Piyush Suryawanshi
6	Patent	AI-based Organ Transplant Allocation System	Dr. Prashant Jain Prof. Vaishali <u>Bajpai</u> Parth Pahare Kunal Gupta Parv Sanothiya
7	Patent	"Hardware-Based Detection of Player Collusion in Online Cash Games Using Gaze and Game Event Correlation"	Dr.Prashant Jain Prof. <u>Snehlata</u> <u>Mishra</u> Dr.Ritru Tandon Anurag Sagar
8	Patent	"A Wearable Non-Contact System for Predictive Estimation of Intraocular Pressure Using Multi-Signal Physiological Sensing and Adaptive AI"	Dr.Prashant Jain Dr. Ritu <u>Tandon</u> Prof. Snehlata Mishra Arslan Hussain Rajat Suthar Bhardwaz
9	Patent	"Hardware-Based System for Real-Time AI-Driven Detection and Explainable Alert Generation of Misinformation in	Dr.Prashant <u>Jain</u> Prof. <u>Snehlata</u> Mishra Dr.Ritru Tandon Jay Rathod

		Social Media Streams"	
10	Patent	Silent Share: Encrypted Messaging C File Sharing Without Internet	Dr. Hare Ram Shah Abhayraj Patel <u>Priyank Pathak</u> Shreyash Pathak <u>Omkar Datey</u>
11	Patent	Nexus ED: A Privacy-Preserving Adaptive Virtual Classroom System utilizing Gaze-to-Action Navigation and AI Content Simplification	Dr. Prashant Jain Dr. <u>Ati Jain</u> Prof. Vaishali Bajpai Piyush Suryawanshi Ayushi Shukla Ruchika Sharma
12	Patent	An Intelligent Decision Support Framework for Predictive Monitoring of Street Light Networks	Ms. Sakshi Agrawal Dr. <u>Ati Jain</u> Prof. Vaishali Bajpai Reena Kushwaha Madhu Chirghute Prof. Suranjit Kosta
13	Patent	AI-Powered Automatic Resume Screening and Skill-Based Candidate Matching System for Recruitment Platforms.	Dr. Prashant Jain Prof. Priya Sen <u>Ms. Ritika Chouhan</u> Mr. Neeraj Kumar Mr. <u>Ritik Meena</u>
14	Patent	Automated Road Damage Detection and Municipal Maintenance Alert System Using Vehicle-Mounted Vision Sensors	Dr. Prashant Jain Prof. Priya Sen Ms. Nidhi Choubey Ms. Shubhangi Patel
15	Patent	IoT-Based EEG Emotion Detection System Using Edge Processing	Ms. Sakshi Agrawal, Dr. Hemang Shrivastava, Mr. Suyash Khare Mr. Ujjwal Choudhary, Mr. Vansh Ojha, Ms. Aarti Bagde
16	Patent	A Quantitative Organ-Localization Immuno-Signature Algorithm Based on Differential Immune Complex Profiling and Tissue-Specific Damage Markers Induced by Mycobacterium tuberculosis Microenvironmental Adaptation	Ms. Sakshi Agrawal, Dr. Prashant Jain, Dr. Lakshmi Pillai, Prof. Prachi Shrivastava
17	Patent	"AI-Driven Thermal Runaway Prediction and Blast Prevention System for Electric Vehicle Batteries"	Dr. Prashant Jain <u>Ms. Jyoti Goswami</u> ?
18	Patent	YATRA: Your Academic Transit And Route Assistance — A Smart Web-Based Academic Transportation Management and Real-Time Bus Navigation System with Embedded IoT Hardware Integration	Dr. Prashant Jain Prof. Garima Hardia Dr. Majon Kumar Ramaiya Pankaj Mehra Aditya Kumar Junwal Chirag Jeevanani <u>Abhishek Odiya</u>
19	Patent	WaterTruth AI – A Visual-Only Artificial Intelligence System for Drinking Water Risk Estimation Using Mobile Camera Analysis	Dr. Prashant Jain Prof. Garima Hardia Prof. Ranu dixit Dr. <u>Atul Nandwal</u> Ms. Aanchal Khushwha Mr. <u>Ankit Singh</u> Rathor Mr. <u>Ayush Raikwar</u>
20	Patent	Codexa: Empowering Developer Team Synergy Online (Build Better, Together)	Ms. Sakshi Agrawal, Dr. <u>Rekha Ranawat</u> , Mr. <u>Balchand Dangi</u>

pyr t	BehavioLock: A Continuous Behavioral Biometric Authentication System Using Typing Rhythm and Input Dynamics	Dr. Prashant Jain Prof Lokendra Vishwakarma Dr <u>Sumit Jain</u> Shivam Bhargav <u>Lakshya Bunkare</u>
pyr nt	An Interactive Web-Based Speed and Accuracy Training Game for Quantitative Aptitude	Dr. Prashant Jain Dr. Piyush <u>Moghe</u> Dhruv Gupta Abhishek Barua Arun Kumar
pyr ht	Interview Escape Room: A Gamified Multi-Round Interview Simulation Platform	Dr. Prashant Jain Dr. Piyush Moghe Dr. Satyendra Sharma Anshuman Singh Gauri Banduke Vansh Sharma
pyr ht	SINGLE PLATFORM PRICE COMPARISON FOR E- COMMERCE	Dr. Prashant Jain Dr. Sumit Jain Prof.Lokendra Vishwakarma Payal solanki
Copyr ht	DOCTER HOME VISIT APP	Dr. Prashant Jain Dr. <u>Sumit Jain</u> Prof. Lokendra Vishwakarma Sarika Pipodiya

Meeting time is decided as **2.00 PM** at Idea Lab Seminar Hall G22 A Block on **25/06/2026**, Thursday.

For your consent and kind approval please.

Prepared by:

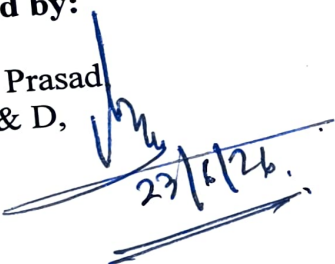
Dr. Ati Jain, IPR Convener,
IPR TASK GROUP, SUI

Meeting Incharge:

Dr Nidhi Tiwari, Dr Jayshree Nandeshwar, Dr Kuntal barua, Prof sudhanshi

Approved by:

Dr. Lalji Prasad
Dean R & D,
SUI


23/6/26.