

## Note Sheet

Date

29-5-26

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 | "Intelligent Cart with Customer Following Mechanism"                                                                                                                              | Ms. Sakshi Agrawal Dr Shivangini Saxena<br>Dr Shekh Kulsum Almas Ms. Disha Savner<br>Ms. Namrata Solanki |
| 2   | Patent | Data Analytics Platform                                                                                                                                                           | Dr. Prashant Jain Dr. Nirupama Tiwari Dr.<br>Neha Sharma Yashasvi Sharma Divya<br>Bisen Raj Jaiswal      |
| 3   | Patent | Emotion-Aware Financial Decision System Using IoT and Machine Learning                                                                                                            | Dr Prashant Jain, Dr.Sumit Jain , Ayush Singh , Afsar Azam                                               |
| 4   | Patent | Development and Validation of HPTLC Method for Luteolin Estimation from <i>Juniperus communis</i> Leaves Extract and Its Inhibitory Effect on Adipogenesis in 3T3-F442A Cell Line | Dr Prashant Jain, Dr Souravh Bais Mrs Renu kumari                                                        |
| 5   | Patent | Synergistic Neuroprotective Composition and Method for Treating Comprising Karanjin and Protocatechuic Acid                                                                       | Dr Prashant Jain, Dr. Souravh Bais Mrs. Renu Kumari Dr. Nirmal Dongre                                    |
| 6   | Patent | Herbal Hair Oil for Scalp Fungal Dermatitis and Hair Growth Promotion                                                                                                             | Dr Prashant Jain, Dr Souravh Bais Renu Kumari                                                            |
| 7   | Patent | "Smart Study Table with Integrated Health Monitoring and Productivity Features"                                                                                                   | Dr Prashant Jain, Dr. Kuntal Barua Dr. Ritu Tandon Prathvindra Singh Gaur Arman Guleria                  |
| 8   | Patent | An advanced AI- powered smart home security system integrating surveillance, IoT and laser-based intrusion detection.                                                             | Ms. Sakshi Agrawal Prof. Shaziya Siddiqui<br>Ms. Vanshika Dubey Mr. Harsh Soni Mr. Yash Mudgal           |

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|----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 9  | Patent | Mental Stress Detection Using Wearable Sensor                                                                                                            | Ms. Sakshi Agrawal Dr. Sanjay Dubey 3 Prof. Teena Yadav Muskan Bairagi Saurabh kumar jha Sandeep Kumar              |
| 10 | Patent | A Real-Time IoT and AI Based Air Quality Monitoring and Prediction System                                                                                | Ms. Sakshi Agrawal Dr. Sanjay Dubey Prof. Swapnil Shukla Prof. Manoj Verma Prof. Teena Yadav Aman Raj Sandeep Kumar |
| 11 | Patent | AI-DRIVEN FEDERATED IoT WATER QUALITY MONITORING FOR RURAL MUNICIPAL NETWORKS WITH ON-DEVICE ANOMALY DETECTION AND PRIVACY- PRESERVING MODEL AGGREGATION | Dr. Prashant Jain Mis. Arpita Pawar Prof. Vijay Malviya Prof. Srashti Thakur Mr. Lokesh Vishwakarma                 |
| 12 | Patent | "Proactive Borewell Safety System Using AI and IoT for Real-Time Detection and Automated Rescue Prevention"                                              | Dr. Prashant Jain Mr. Sachin Kushwah Prof. Vijay Malviya Mr. Lokesh vishwakarma Prof Leena Malviya                  |
| 13 | Patent | Swarm Intelligence-based IoT Drone Network for Real-Time Disaster Mapping & Rescue Operations.                                                           | Ms. Sakshi Bansal Priyanshu Dubey Gaurav Dubey Prof. Vijay Malviya Lokesh Vishwakarma Prof Leena Malviya            |
| 14 | Patent | "A Hybrid Spatial-Aware AI System for Energy Optimization in Smart Campuses"                                                                             | Dr.Prashant Jain Dr.Deepak Kumar Yadav Prof. Snehlata Mishra Mayank Kumar Bhatt                                     |
| 15 | Patent | AI and IoT-Based Adaptive Crowd Simulation System for Real-Time Sports Experience Enhancement                                                            | Ms Sakshi Agrawal Arpita Panchal Prof. Vijay Malviya Lokesh Vishwakarma Prof Leena Malviya                          |
| 16 | Patent | HRM GALAXY FM RADIO                                                                                                                                      | Dr. Prashant Jain Dr. Nirupma Tiwari Dr. Neha Sharma Raj Thakur Mohit Choudhary Harshita Choudhary                  |
| 17 | Patent | Modular Carbon Capture and Sequestration System with Industrial Heat Recovery for Small-Scale Factories                                                  | Dr.Prashant Jain , Dr.Ritu Tondon , Mr.Ajeet Pal, Mr.Kunal Survey, Mr.Harsh Kaushal                                 |
| 18 | Patent | Multi-Factor Economical Design Engine                                                                                                                    | Dr. Prashant Jain, Dr. Ati Jain, Mr. Ajeet Pal, Mr. Kunal Survey, Sanu Tiwari, Priyanshu Dubey                      |
| 19 | Patent | Wearable Sweat-Based Biochemical Health Monitoring System Using IoT and Artificial Intelligence                                                          | Dr. Prashant Jain Dr.Sumit Jain Diksha Muskan supalbhakt                                                            |
| 20 | Patent | Hybrid Feature Fusion-Based Intelligent System for Early Detection and Classification of Crop Diseases Using Multi-Modal Machine Learning                | Dr. Prashant Jain Dr.Sumit Jain Lavi Jaiswal                                                                        |
| 21 | Copyr  | Quick pick-A smart suggestion website                                                                                                                    | Dr. Prashant Jain, Dr. Sumit Jain, Prof. Lokendra Vishwakarma, Riya Tumram,                                         |

|    |               |                                                                                                             |                                                                                              |
|----|---------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|    | ight          |                                                                                                             | Anshika Shrivastava                                                                          |
| 22 | Copyr<br>ight | The GenAI Ops Autonomous Cloud<br>Governance Suite (Version 1.0)                                            | Dr. Prashant Jain Prof. Priya Sen<br>Mr. Shreyansh Pandey                                    |
| 23 | Copyr<br>ight | "FaceUPI Secure: An AI-Based<br>Biometric Authentication System for<br>Secure Digital Payment Transactions" | Ms. Sakshi Agrawal Dr. Sanjay Dubey Prof.<br>Deepak Sharma Prof. Megha Jat Farheen<br>Sheikh |
| 24 | Copyr<br>ight | "AI Civic Issue Detector"<br>(Python Language)                                                              | Dr. Prashant Jain Prof. Prasoon Shukla Mr.<br>Anmol Singh Thakur Ms. Snehal Sisodiya         |
| 25 | Copyr<br>ight | "Smart web-based Note sheet Digital<br>Signing System"                                                      | Ms. Sakshi Agrawal Prof. Anjali Dewda<br>Prof. Teena Yadav Prof. Anjali Uprit                |

11.30 AM

6<sup>th</sup>

Meeting time is decided as ~~2.00 PM~~ at Idea Lab Seminar Hall G22 A Block on ~~3<sup>rd</sup>~~ <sup>6<sup>th</sup></sup> DAY of JUNE  
2026 SATURDAY

For your consent and kind approval, please.

Prepared by:

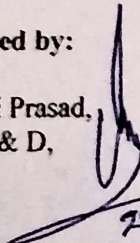
Dr. Ati Jain, IPR Convener,  
IPR TASK GROUP, SUI

Meeting Incharge:

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

Approved by:

Dr. Lalji Prasad,  
Dean R & D,  
SUI

  
24/5/26