

ANNEXURE NO. 7

**PATENTS
PUBLISHED /
GRANTED**

Trinity Institute of professional studies

Dwarka Sec-9

PATENT APPLIED

S.N	Name of the Faculty	Department	Patent Topic	Patent No	Indian/UK	Design/Utility/Gram	Position	Date
1	Dr. Arti Bajaj	Department of Computer Science	AI Based Kiosk for Job Searching		Indian	Ordinary	2nd	2025
2	Dr. Krishna	Department of Computer Science	AI Based Kiosk for Job Searching		Indian	Ordinary	5th	2025
3	Dr. Aparna	Department of Computer Science	System and Method for Adaptive Replay Attack Prevention in Blockchain Networks using Dynamics Private Key Rotation					2026

PATENT PUBLISHED

1	Dr. Aparna Chaturvedi	Department of Computer Science	AI Integrated Intrusion Detection System for IoT Enabled Smart Cities	202531021624	Indian	Ordinary	3rd	2025
2	Ms. Shweta	Department of Computer Science	AI Integrated Intrusion Detection System for IoT Enabled Smart Cities	202531021624	Indian	Ordinary	5th	2025
3	Dr. Mukta Sharma	Department of Computer Science	Indian Patent Detection and Classification of Eye Disease using Deep Learning Algorithms	2.02541E+11	Indian	Ordinary	2nd	2025
4	Ms. Mala Kumari	Department of Computer Science	Indian Patent Detection and Classification of Eye Disease using Deep Learning Algorithms	2.02541E+11	Indian	Ordinary	3rd	2025
5	Mr. Raavi Verma	Department of Computer Science	Indian Patent Detection and Classification of Eye Disease using Deep Learning Algorithms	2.02541E+11	Indian	Ordinary	4th	2025
6	Ms. Shweta Rana	Department of Computer Science	Indian Patent Detection and Classification of Eye Disease using Deep Learning Algorithms	2.02541E+11	Indian	Ordinary	5th	2025
7	Dr. Krishna	Department of Computer Science	AI Based IQ Level Detection Device	4648429-001	Indian	Design	4th	2025
8	Dr. Krishna	Department of Computer Science	AI Based Kiosk for Job Searching		Indian	Ordinary	1st	2025
9	Ms. Shweta	Department of Computer Science	AI Based Kiosk for Job Searching		Indian	Ordinary	5th	2025
10	Dr. Krishna	Department of Computer Science	AI based doctor location detection device	475466-001	Indian	Ordinary	1st	2025
11	Ms. Mala Kumari	Department of Computer Science	AI based doctor location detection device	475466-001	Indian	Ordinary	4th	2025
12	Ms. Shweta Rana	Department of Computer Science	AI based doctor location detection device	475466-001	Indian	Ordinary	8th	2025
13	Ms. Sonali Gupta	Commerce	Smart Bandage with Embedded Healing Detection Sensors	20251112725 A				2025
14	Ms. Sonali Gupta	Commerce	Travel mate Smart conventional AI based Ticketing system	202511074436 A				2025
15	Ms. Sonali Gupta	Commerce	Crossware A mobile Based Real Time Alert and Retouting system for Railway Crossings with emergency response integration	202511067683 A				2025
16	Ms. Saloni Verma	Department of Management	Voice-Enabled Assistive Navigation Device for visually impaired users		Indian	Applied For	2nd	2026
17	Ms. Saipriya Bhatia	Department of Management	Voice-Enabled Assistive Navigation Device for visually impaired users		Indian	Applied For	5th	2026
18	Dr. Aparna Chaturvedi	Department of Computer Science	System and method for adaptive replay attack prevention in blockchain network using dynamic private key rotation		Indian		3rd	2026
19	Dr. Mala Kumari	CS & IT	AI based Glass for Women Security	504116-001				2026

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20	Dr Neha Arora	Commerce	Classroom Education Monitoring Device	486048-001			2026	
21	Dr Nikita Anand	Commerce	Classroom Education Monitoring Device	486048-001			2026	
22	Ms. Shobhita Mahajan	Computer science/IT	WEARABLE DEVICE FOR REAL TIME STRESS DETECTION	510194-001			2026	
23	Ms. Taruna Rana	Management	Device for Investment Portfolio Visualization	477606-001			2026	
24	Dr Neha Gupta	Management	AI-DRIVEN CHATGPT AND IOT-ENABLED PEDAGOGICAL SUPPORT SYSTEM FOR IMPROVING STUDENT LEARNING OUTCOMES IN HIGHER EDUCATION	202611032483A			2026	
25	Sonal Gupta	Commerce	Silvercare: Support for Elderly People	202511130064 A			2026	
26	Ms. Nisha	Computer science/IT	WEARABLE DEVICE FOR REAL TIME STRESS DETECTION	510194-001			2026	
27	Dr. Krishna	Computer science/IT	WEARABLE DEVICE FOR REAL TIME STRESS DETECTION	510194-001			2026	
PATENT GRANTED								
1	Dr Neha Arora	Department of Commerce	Data Processing Device for analyzing Education Policy	644219	UK	Design	1st	2025
2	Dr Sandhya Mahtia	Department of Computer Science	Data Processing Device for analyzing Education Policy	644219	UK	Design	2nd	2025
3	Dr Shikha Patreja	Department of Management	Data Processing Device for analyzing Education Policy	644219	UK	Design	3rd	2025
4	Dr Cheangana Choudhary	Department of Management	Data Processing Device for analyzing Education Policy	644219	UK	Design	5th	2025
5	Ms Nikita Anand	Department of Management	Data Processing Device for analyzing Education Policy	644219	UK	Design	6th	2025
6	Ms Ritu Sami	Department of Management	Data Processing Device for analyzing Education Policy	644219	UK	Design	7th	2025

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