



CITY ENGINEERING COLLEGE
Approved by AICTE New Delhi & Affiliated by VTU, Belagavi
Doddakallasandra, Off Kanakapura Main Road,
Next to Gokulam Apartment, Bangalore - 560 062.

3.2.1 PATENT DETAILS

Patent Details- 2024-25

SL.No	Year	Name of the Faculty	Title	Status		Patent Application Number/ Design Number	Link(proof)
				Published	Granted		
1	2024	Dr. R. Rajesh	Time Management Mastery: Strategies for Achieving Work-Life Balance	Published	--	Application Number- 1228422	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
2	2024	Spoorthi M	DEVELOPMENT OF BLOCKCHAIN & MACHINE LEARNING BASED GOVERNANCE MODELS ENHANCING CORRUPTION-TRANSPARENCY	Published	--	202441029971	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
3	2024	Mrs Swetha A Mrs Shruthi B S Mrs Vibhavi R N Ms Shravya	WATER QUALITY PREDICTION FOR SMART MARICULTURE	Published	--	202441071455	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
4	2024	Mrs. Shruthi B S Mrs. Vibhavi R N	CHRONIC OBSTRUCTIVE PULMONARY DISEASE PREDICTION AND MONITORING SYSTEM	Published	--	202441096776	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
5	2024	Mrs. Tejaswini B N	IoT Driven Smart Automation Using Renewable Energy Resources	Published	--	202441063242	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

6	2024	Mr. Satheesh Kumar G Ms Spoorthi M Mrs.Tara VK Ms. Monisha G B Hina Nazneen	SMART IOT-INTEGRATED MACHINE LEARNING FRAMEWORK FOR HEALTHCARE MONITORING AND SURVEILLANCE	Published	--	202441101610	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
7	2025	Mr. Gangappa B Demannavar Mrs.Nayana H J Mr. M.Mathivanan Mr. John Peter Mr. Nndish A C	Intelligent Wearable Device for Emotion recognition and Monitoring using Machine Learning	Published	--	202541006856 A	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
8	2025	Mrs. Shruthi BS Mrs. Vibhavi R N	Grammar Correction Algorithm for improving writing skills using AI and ML	Published	--	202541035858	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
9	2025	Dr. Sowmya	A System and Method for Real-Time Optimization of Deep Neural Networks	Date of filing:26/06/2025	--	202541061153	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus



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3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Patent Details- 2023-24

Sl.no	Year	Name of the Faculty	Title	Status		Patent Application Number/ Design Number	Link(proof)
				Published	Granted		
1	23/08/2024	Dr. Sowmya Naik P T	Automatic Seed Sowing Robot for Agriculture	-----	Granted	6303371(UK Patent)	https://www.registered-design.service.gov.uk/find/6304788
2	25/03/2024	Dr. Sowmya Naik P T Prof. R Mirudhula Prof. M. Mathivanan Prof. V. John Peter Prof. B. Sakthivel Prof. G. Satheesh Kumar	AI Based Smart Glasses for Determining Retinal Stress	Published			https://drive.google.com/file/d/1va52leovoFDSdrVKPjo-gzVKT6wZ-PSw/view?usp=drive_link
3	01/12/2024	Dr. Sowmya Naik P T	Dynamic Resource Allocation System for Scalable Cloud-Based Big Data Analytics	Published		202341089545 A	https://vahan.parivahan.gov.in/vahanservice/vahan/ui/appl_status/form_Know_Appl_Status.xhtml
4	23/08/2024	Dr.Sowmya, Dr Ambika P R Girish G A B Ramesh Prof. B Sakthivel	Solar Based Irrigation System	-----	Granted	6304788 (UK Patent)	https://www.registered-design.service.gov.uk/find/6304788
5	23/08/2024	Mrs. Swetha A Mrs.Vibhavi R N	AI Based Cybersecurity Management for Industry 4.0	Published	-----	202341065401(Indian Patent)	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
6	23/08/2024	Mrs.Swetha A Mrs.Vibhavi R N Mrs.Shruthi B S	AI -Enabled Machine Learning for Intelligent Financial Tracking System	Published	-----	202341076844(Indian Patent)	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
7	23/08/2024	Mrs.Shruthi B S	Blockchain Based Authentication System for IOT Networks	Published	-----	202341066014(Indian Patent)	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus

8	23/12/2024	Mr.Mahadeva Prasad.H.M	Biosensor Device to Detect Lung Cancer		Granted	(Indian Patent)	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
9	24/02/2024	Mrs.Swetha A	AI Enhanced Nurosense Based Health Advise System	-----	Granted	6330072 (UK Patent)	https://www.registered-design.service.gov.uk/find/6330072
10	24/02/2024	Mr.John Peter V	Agriculture Drone for Plant Health Monitoring System	-----	Granted	6346424 (UK Patent)	https://www.registered-design.service.gov.uk/find/6346424
11	01/02/2024	Mr.Vishva Kiran R C	Distributed Vectors of a Newly Created Local Multi Scale Fourier Transform for Use in Medical Imaging	Published	-----	202441006965(Indian Patent)	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
12	12/02/2024	Mr.GOPIKISHAN J	Wireless Charging Technology for Electric Vehicles	Published	-----	202441009349(Indian Patent)	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
13	13/04/2024	Mrs.Spoorthi M Mrs.Menaka C N	Development Of Blockchain & Machine Learning Based Governance Models Enhancing Corruption-Transparency	Published		202441029971(Indian Patent)	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus
14	1-12-2023	Dr.Shalini Prasad	Enhancing Atm Security and Convenience With Nfc And Fingerprint Authentication	Published		202341071986(Indian Patent)	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
15	1-9-2023	Dr S Vagdevi	Machine Learning based Solid waste management in Smart Cities	Published		202341035068 (IndianPatent)	https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal

Patent Details- 2021-22

1	10-12-2021	Dr.Shalini Prasad	Intelligent- SIM: Multiple Company Mobile Number Installed in Single SIM (Single Sim, Multiple Networks.	Published		202141051542(Indian Patent)	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
2	17/11/2021	Dr.Shalini Prasad	Big Data and Cloud Bursting Real- Time Intelligent scheduling using Machine Learning.	Published		202141052902(Indian Patent)	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
3	25/06/2021	Dr.Shalini Prasad	Novel Method For Magnet Electricity Generator	Published		202141026242(Indian Patent)	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

4	28/10/2022	Dr S Vagdevi Dr. S Jagannathan Mrs Mrs.Vindhya R	Ai Based Approach For Energy/ Power Transmission Through Wireless Networks	Published	--	202241060521(Indian Patent)	https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal
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