

Dr. Akhilesh Das Gupta Institute of Technology & Management

Department of Computer Science & Engineering

FACULTY PATENT DETAILS

S.No	Faculty Name	Patent(Status) (Published/Examined/ Grant)	Year	Country Name (On which Patent Filed)	Status	Title of Patent	Name(s) of Inventor(s)
1	ADGITM,Dr. Kamal Upreti	348638-001	2021	Indian	Granted	Heat and Smoke Detector	Dr. Akhilesh Das Gupta ITM,Dr. Kamal Upreti ,Prof.(Dr.) Prashant Singh,Prof.(Dr.) Sanjay Kumar ,Prof.(Dr.) Yamini . S.,Dr.Pratul Arvind, Mr. Dhyanendra Jain
2	Dr. Kamal Upreti	20211-1032495	2021	Australian	Granted	Developing Early Risk Estimation Machine Learning Model in Early Onset Cad Patients for Prediction and Outcomes.	Pradeep Kumar Dabla,Sanja DJ Stankovic,Durgesh Mishra,Vimal Mehta
3	Dr. Kamal Upreti	Indian Patent No. 202111019071 & Granted on WIPO having PCT/IB2021/055971	2021	WIPO (USA)	Granted	Breast Cancer Detection by Artificial Neural Network Modeling Techniques.	Dr. Kamal Upreti,Binu Kuriakose Vargis,Dr. Nishant Kumar,Mohammad Haider Syed,Sanjay Sharma,Dr. Meena Agrawal,Karamjeet Kaur,Kamal Kant Sharma,Dr. Chaitanya P. Agrawal,Nidhi Sharma
4	Dr. Kamal Upreti	2020102146	2020	Australian	Granted	Defence Method to Avoid Automated Attacks in IOT Networks using Physical Unclonable Function (PUF) based Mutual Authentication	Dr. Kamal Upreti ,Mohd. Shabbir Alam,Rajwinder Singh Sidhu,Shitiz Upreti,Sanjay Sharma,Rishika Verma
5	Dr. Kamal Upreti	6162909	2021	United Kingdom	Examination Report Submitted	Digital Inhaler	Kamal Upreti,Chaitanya P. Agrawal,Shitiz Upreti ,G.Yamuna, Anju Singh
6	Dr. Kamal Upreti	202111-002147	2021	Indian	Examination Report Submitted	A Machine Learning Based Method for Estimation Chronic Kidney Disease Disposition in Diabetic Patients	Dr.Stuti Gupta , Dr.Jasvinder aur Gambhir,Dr.O.P Kalra,Dr.Kamal Upreti,Dr.Nishant Kumar,Mr.Shitiz Upreti

7	ADGITM,Dr. Kamal Upreti & Dr. Anupam Kumar Sharma	20211-1054237	2021	Germany	Granted	A Smart Cane Device for a Blind or a visually Impaired user	Dr. Akhilesh Das Gupta ITM,Dr. Kamal Upreti ,Prof.(Dr.) Prashant Singh,Prof.(Dr.) Anupam Kumar Sharma,Prof.(Dr.) Sanjay Kumar,Mr. Dhyanendra Jain
8	Dr. Prashant Vats	20201-1015851	2020	Indian	Published/under Examination	ISPT- Mobile Banking: Intelligent And Secured Payment Transfer Using Mobile Banking.	Dr. Esha Jain, Dr. Siddhartha Sankar Biswas, Dr. Swati Watts, Mr. Prashant Vats
9	Mr.Mohit Dayal	20204-1000847	2020	Indian	Published/Under Examination	TN-Joint Pain System: Joint Pain Treatment And Notification Using Iot System	Dr. Kuppani Sathish,Dr. Manju Khari,Mr. Manoj Dhondiram Patil,Dr. Chukka Santhaiah (Associate Professor, Cse Dept.),Viswanatha Reddy Allugunti,Mr. Mohit Dayal
10	Dr. Anupam Kumar Sharma & Dr. Prashant Vats	20211-1049754	2021	Indian	Published	Design Wearable Sensors to Provide Healthcare Notification Using IoT Based Technology	Dr. Anupam Kumar Sharma, Dr. Prashant Vats, Mrs. Deepika Rawat, Dr. Sandeep Tayal, Isha Gupta, Neha Kashyap
11	Dr. Anupam Kumar Sharma & Dr. Prashant Vats	20211-1050404	2021	Indian	Published	IOT Based Real Time Exhaustion Detection By Image Classification Using Deep Convolution Neural Network.	Prashant Singh, Dhyanendra Jain, Amit Kumar Pandey, Prof.(Dr.) Anupam kumar sharma, Ashu Jain, Jogendra Kumar, Dr. Prashant Vats
12	Dr. Anupam Kumar Sharma, Dr.Sonu Mittal ,Dr. Shipra Varshney , Dr. Prashant Vats.& Mr.	20211-1059586	2021	Indian	Published	AVISAR - A Three Tier Architectural Framework for the Testing of Object Oriented Programs.	Dr. Prashant Vats, Prof. Manju Mandot, Prof. Anjana Gosain, Prof. Anupam Kumar Sharma, Prof. Sonu Mittal, Dr. Shipra Varshney, Vikas, Manu Phogat, Ekta Jain, Nishi Sharma
13	Dr. Anupam Kumar Sharma & Dr. Prashant Vats	20211-1049753	2021	Indian	Published	IoT-based Temperature Measurement Platform for a Real-Time Environment using LM35.	Prof.(Dr.) Prashant Singh,Prof.(Dr.) Anupam kumar Sharma,Ashu Jain,Amit Kumar Pandey, Dhyanendra Jain, Prashant Vats,Yogendra Singh Rathore
14	Dr. Archana Kumar	20221-1004083	2022	Indian	Published	Method for validating an Ethernet Configuration of an Automation System	Prof.(Dr.) Archana Kumar, Dr. K.L. Shunmuganathan, N.Priya, Dr. Anil Kumar Dubey, Mr. Al. Chockalingam, Dr. P. Srinivasa Varma, Dr. B. Jegajothi
15	Dr. Archana Kumar	20221-1004031	2022	Indian	Published	Design of Real Time Control of Launch Vehicles Using Wireless Sensor Networks	Prof.(Dr.) Archana Kumar, Dr. Amarendra Alluri, Dr. S. Gomathi, M.R. Faridha Banu, Sampath Kumar S, Mr. Kannadasan B, Dr. B Jega Jothi

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S.No	Faculty Name	Patent(Status) (Published/Examined/Grant)	Country Name (On which Patent Filed)	Status	Title of Patent	Name(s) of Inventor(s)
1	Dr.Kamal Upreti	404317	INDIAN UTILITY PATENT	GRANTED	A Machine Learning Based Method for Estimating Chronic Kidney Disease Predisposition in Dianetic Patients	Dr. Stuti Gupta , Dr.Jasvinder Kaur Gambhir , Dr. O.P Kalra , Dr.Kamal Upreti
		362876-001	INDIAN DESIGN PATENT	GRANTED	Smart glasses for Monitoring Eye strain using IOT	Dr. Ranjana Dinkar Raut,Dr. Deepak Chandra Upreti,Prof.(Dr.) Prakash Divakaran,Dr. Divya Mohan , Dr. Kamal Upreti
2	Dr. Sonu Mittal	202111059-586	INDIAN	PUBLISHED	AVISAR - A Three Tier Architectural Framework for the Testing of Object Oriented Programs.	Dr. Prashant Vats, Prof. Manju Mandot, Prof. Anjana Gosain, Prof. Anupam Kumar Sharma, Prof. Sonu Mittal, Dr. Shipra Varshney, Vikas, Manu Phogat, Ekta Jain, Nishi Sharma
3	Esha Saxena	360993-001	INDIAN DESIGN PATENT	GRANTED	Intelligent Robot-Assisted IOT for Germicide Spray at Hospital Lavatories	Dr. Preety, Dr. Meenakshi Yadav, Gunjan Chugh,Dr. Deepti Chopra, Dr. Naresh Kumar, Esha Saxena, Vandna Dahiya