Vasavi College of Engineering (Autonomous)
ACCREDITED BY NAAC WITH 'A++' GRADE
Ibrahimbagh, Hyderabad - 500031
Department of Computer Science & Engineering
PATENT DETAILS for AY: 2023-24

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Assignee/s Name (Institute Affiliation at time of Appication)
1	202441002344	Published	Dr. T. Adilakshmi Dr. D. Baswaraj, Dr. Nagaratna P Hegde Dr. V. Sireesha S. Vinay Kumar	A Method and System Based on Artificial Intelligence for Optimmized Smart Bus Transportation	Vasavi College of Engineering (Autonomous)	12-01-2024	09-02-2024	Vasavi College of Engineering, Hyderabad
2	202341027057	Published	Ms. P. Ashwini Dr. T. Adilakshmi J. Swathy D. Mythili T. Susmitha K. Srividya J. Madhumathi	IoT based automated Irrigation system for sustainable agriculture using Machine Learning	Ms. P. Ashwini and other 6 Inventors	17-09-2023	06-10-2023	Vasavi College of Engineering, Hyderabad

Faculty I/C

HOD, CSE

Vasavi College of Engineering (Autonomous)
ACCREDITED BY NAAC WITH 'A++' GRADE
Ibrahimbagh, Hyderabad - 500031
Department of Computer Science & Engineering
PATENT DETAILS for AY: 2022-23

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Assignee/s Name (Institute Affiliation at time of Appication)
				AY: 2022-23 (July-2022 to June-2023)				
1	382544-001 (Design patent)	Published	Mr. M V B Murali Krishna M and other 3 Inventors	Fire Detection and Preventation Device	Mr. M V B Murali Krishna M and other 3 Applicants	29-03-2023	26-05-2023	Vasavi College of Engineering, Hyderabad
2	202341027057	Published	Dr. R Santosh Kumar and other 10 Inventors	Mutual Authentication of Sensor Nodes with Intermediate nodes for IoT in the Context of Fog Computing	Dr. R Santosh Kumar and other 10 Applicants	05-04-2023	26-05-2023	Vasavi College of Engineering, Hyderabad
3	202341027057	Published	J Madhumathi and other 7 Inventors	Implementation of Intelligent Online Security System with Cloud Server	J Madhumathi and other 7 Applicants	12-04-2023	05-05-2023	Vasavi College of Engineering, Hyderabad
4	202341020809	Published	Mr. Dasu Vaman Ravi, Mr. P. Narsaiah, Mr. R. Sateesh Kumar, Dr. Ch. Krishna Keerthi, Dr. P. Kalpana, Dr. P. Bhargavi, Dr. R. Santosh Kumar, Rohit, Roshan, Tarun, and other 2 Inventors	CONVOLUTED PASSENGER COUNTER	Mr. Dasu Vaman Ravi	24-03-2023	31-03-2023	Vasavi College of Engineering, Hyderabad
5	202341018503	Published	Mr. Dasu Vaman Ravi, Mr. P. Narsaiah, Mr. R. Sateesh Kumar, Dr. Ch. Krishna Keerthi, Dr. P. Kalpana, Dr. P. Bhargavi, Dr. R. Santosh Kumar, Rohit, Roshan, Tarun, and other 2 Inventors	A Novel Method for Iris Recognition	Mr. Dasu Vaman Ravi	18-03-2023	31-03-2023	Vasavi College of Engineering, Hyderabad

6	202341011064	Published	Dr. R Santosh Kumar and other 11 Inventors	The Design of a Low-cost IoT System for Automated Attendee Registration based on Wireless Electronic Sensors	Dr. R Santosh Kumar and other 11 Applicants	18-02-2023	17-03-2023	Vasavi College of Engineering, Hyderabad
7	202341007192	Published	Ms. Tata Priyanka and other 4 Inventors	Design system of Microservices-Based IoT-Cloud Service Composition over Multiple Clouds	Ms. Tata Priyanka and other 4 Applicants	02-02-2023	10-02-2023	Vasavi College of Engineering, Hyderabad
8	202341001586	Published	Dr. T Adilakshmi, Dr. Nagaratna P Hegde, Dr. M. Jithender Reddy, Mr. S. Vinaya Kumar, Dr. D. Baswaraj, Dr. V. Sireesha	GIS Based Swage Monitoring System Using IOT	Vasavi College of Engineering, Hyderabad	07-01-2023	13-01-2023	Vasavi College of Engineering, Hyderabad
9	202241066133	Published	Dr. T Adilakshmi, Dr. M. Jithender Reddy, Mr. K. Ramakrishna, Mr. S. Vinay Kumar, Ms. R. Sudha	Optimization of the IPv6 Neighbor discovery protocol to boost network performance and enable seemless integration IOT	Vasavi College of Engineering, Hyderabad	18-11-2022	23-12-2022	Vasavi College of Engineering, Hyderabad
10	202241060152	Published	Dr. T Adilakshmi, Dr. P. Kalpana, Dr. E. Shailaja, Dr. Krishna Keerthi, Dr. R. Santosh Kumar	Internet of Things Based Vehicle Accident Prevention in Hill Area Location	Vasavi College of Engineering, Hyderabad	20-10-2022	18-11-2022	Vasavi College of Engineering, Hyderabad
11	202241062141	Published	Dr. D. Baswaraj and other 10 inventors	Automatic detection and classification of eye disease using convolution neural network and image processing	Dr. D. Baswaraj and other 10 applicants	01-11-2022	18-11-2022	Vasavi College of Engineering, Hyderabad
12	202241058909	Published	Dr. M. Jithender Reddy, K. Ramakrishna, S Vinay Kumar, R Sudha	Building a Real-time Tracking and Alert System for Laptops with the Use of GPS, GSM, Motion Sensors and Cloud Service	Vasavi College of Engineering, Hyderabad	14-10-2022	21-10-2022	Vasavi College of Engineering, Hyderabad
13	202241055906	Published	Dr. T Adilakshmi, Dr. K. Srinivas, Dr. M. Sunitha Reddy, B.Symala, R Abhianav Reddy	Automated SWAB Samle collection from corona patient without human-to-human contact	Vasavi College of Engineering, Hyderabad	29-09-2022	07-10-2022	Vasavi College of Engineering, Hyderabad

14	202211045530	Published	R. Sudha, K RamaKrishna and other 9 Inventors	High Performance Computing (HPC) integration of IOT and Bid Data Analytics: Design and experiment evaluation of an HPDA for eScience at Scale	R. Sudha, K RamaKrishna and other 9 Applicants	09-08-2022	26-08-2022	Vasavi College of Engineering, Hyderabad
15	202241041072	Published	Dr. M. Jithender Reddy and other 10 Inventors	Time-Critical IoT applications employing Energy Efficient Computation Offloading with DVFS and Deep Reinforcement Learning	Dr. M. Jithender Reddy and other 10 Applicants	18-07-2022	19-08-2022	Vasavi College of Engineering, Hyderabad

Vasavi College of Engineering (Autonomous)
ACCREDITED BY NAAC WITH 'A++' GRADE
Ibrahimbagh, Hyderabad - 500031
Department of Computer Science & Engineering
PATENT DETAILS for AY: 2021-22

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Assignee/s Name (Institute Affiliation at time of Appication)
1	202241014892	Published	P Narsaiah and other 5 Inventors	AN AI ENABLED FRAMEWORK FOR DETECTION OF FAKE REVIEWS OVER SOCIAL MEDIA	P Narsaiah and other 5 Applicants	17-03-2022	25-03-2022	Vasavi College of Engineering, Hyderabad
2	202241033071	Published	Dr.Nagaratna P.Hegde, Mrs. S. Gouthami	An Efficient Approach for Sentiment Analysis Using Fuzzy Logic	Dr.Nagaratna P.Hegde, Mrs. S. Gouthami	09-06-2022	17-06-2022	Vasavi College of Engineering, Hyderabad

Vasavi College of Engineering (Autonomous)

ACCREDITED BY NAAC WITH 'A++' GRADE

Ibrahimbagh, Hyderabad - 500031

Department of Computer Science & Engineering

PATENT DETAILS for Academic Years: 2020-21

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Assignee/s Name (Institute Affiliation at time of Appication)
1	202041056318	Published	Dr. T. Venugopal Dr.K.Srinivas Jayapal Lande	Suspected virtual hard disk creator for file carving Researcher	Dr. T. Venugopal Dr.K.Srinivas Jayapal Lande	23-12-2020	01-01-2021	Vasavi College of Engineering, Hyderabad
2	2020101987	Granted	Dr. M. Shanmukhi	DIMA-Dataset Discovery: Dataset Discovery in data investigative using machine learning and AI based Programming	Dr. M. Shanmukhi	25-08-2020	16-09-2020	Vasavi College of Engineering, Hyderabad