



Sri

**SAIRAM**  
COLLEGE OF ENGINEERING  
Anekal, Bengaluru

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**PATENTS PUBLISHED DETAILS IN THE INSTITUTION**

Sl. No	Title of the Invention	Application Number	Publication date	Name of the Applicant/ Inventor
1	Automated call answering for voice interaction with computer product based on AI	202341053376 A	29-09-2023	1.Dr.B.Shadaksharappa 2.Raghavendrarao.B 3.Dr.S.Harikrishna 4.Dr.Smitha.J A 5.Malini.K.V 6.Sri Sairam College of Engineering
2	Design of data collection system based on IOT for Coordination of Drones and Unmanned Surface Vehicles(USV)	202341058341 A	08-09-2023	1.Dr.Neelamegam G 2.Komala R 3.Mohd.murtaja 4.Suganthi M 5.Alugonda Rajani 6.Dr.Somashekhar V 7.Priyank UdaybhaiTrivedi 8.Dr.U.Sivaji 9.Dr.P.Kalaiselvi 10.Dr.Balaji V 11.Jyoti Prasad Patra 12.Ravi Rastogi
3	An Efficient Computing Estimation-Driven Health Monitoring System Harnessing The Internet Of Things (Iot) To Manage And Address Pandemic Diseases	202341054983 A	01-09-2023	1.Dr S.Sureshu 2.Surbhi Khare 3.Dr. VijayantVerma 4.Prakasham V 5.S.Balasubramanian 6.Sharanyanivasini J S 7.Deepika P 8.Dr. ShaikJafferVali 9.N.Vigneshwari 10.Dr Balaji V 11.Dr Shailesh Jain 12.Ravi Rastogi

4	An Apparatus for allowing Registration to network in Wireless Communication Systems and method	202341045590 A	01-09-2023	1.Dr.S.Jayakumar 2.Shalemu RajuMatta 3.Dr.B.Ramesh 4.R.Bharathy 5.Dr.M.Jogendrakumar 6.Manjunathan Alagarsamy 7.Premkumar R
5	Integrated Wireless Protector and Camcorder	6299363	08-08-2023	Prof. Sivaprakash C GururajSurampalli Dr.KattaSubbaRaoDr.PillutlaHari krishna, Lakshmi bharathgogu Dr. S Venkateswarlureddy
6	System and method for renewable energy forecasting	202341031911 A	23-06-2023	1. Dr.S.Prasath 2.Mr.Harish babu.L 3.Dr.Sivasakthi Balan.K 4.Dr.Umavathi.M 5.Dr.R.Girija 6.Rohan PradeepShinde 7. P.Sasirekha
7	Artificial Intelligence and Supply Chain Management- Assessment of the Present and Future Role Played by AI in Supply chain Process	202341030935A	16-06-2023	Dr.P.Pandiaraja Dr.S.Murali Dr.K.Sumathi Dr.Saravanan.S Charles prabu v S .Vanarasan
8	Steel slag reinforced concrete preparation process thereof	202331031936 A	19-05-2023	1.Dr.Kaloprasannasethy 2.Jajari Kesharinaik 3. Sanjaya Kumar sarangi 4. Dr.Madhu.B 5.Sakthivel.D 6.Dr.V.Vaithyanathan 7. Dr.A.ArunNagemiya
9	Survey Prism to Measure the Change in Position of a Target	3A2296-001	24-05-2023	1.Prof. Sivaprakash C 2.Prof.Raghavendra rao.B3.Dr.S.B.Kulkarni 4.Dr.Doddegowda BJ 5. Dr.GauriKalnoor 6.Dr.Vijayalaxmi kadrolli 7. Prakash B Metre
10	RS Photo Printer	347374-001	27-04-2023	1.Prof. Sivaprakash C 2.Prof.Malini.KV 3.Dr.B.Shadaksharappa 4.Dr.Ramya.K

				5.Dr.Gunasekari R 6.Lakshmi.K 7.Sri Sairam college of Engineering
11	Implementation of Hand pose Recognition system for Mobile and Embedded devices	202331014004 A	10-03-2023	1.Prof. Malini K V
12	AI Based Recognition system to deploy Face Recognition System in Aid of Security and Supervision at special Areas	202141000443A	27-02-2023	Prof. Sivaprakash C Prof.Malini.K V Dr.R.Gunasekari Prof.D.AVennila Dr.K.Ramya Prof.JMadvhRao Prof.Prashanth.K Prof.Pushparaj H Prof. Lakshmi.K
13	Artificial Intelligence Based Approach For Classification Of Nano-Material Based On Their Efficacy In Treating Breast Cancer	202341007256A	24-02-2023	1.Srikanth 2.R.Prem Kumar 3.Dr.Sunita Satyendra Gupta 4.Rajeev Kumar Maheshwari 5.Srithar.A 6.Dr.Vani.B.S 7.Dr.Prasad babanDhore 8.Lalith kumarwadha 9.Pushprendra Kumar 10.Mohd Asif shah 11.Sivaprakash.C 12.Dr.Manoj kumarkatual
14	Big Data and Machine Learning	202341003839 A	17-02-2023	1.Mrs.Karthika K
15	IOT and Machine learning based wavelet Domain for Electromagnetic Emission based Malware Analysis by using Artificial Intelligence	202241034932 A	24-06-2022	1.Prof. Malini K V
16	Secure Healthcare System designed with Artificial Intelligence and Machine Learning based on Network architecture	202241032690 A	17-06-2022	1.Mrs.S.Gnanapriya 2.Dr.A.K.Reshmy 3.Dr.Raja Chandrasekaran 4.Dr.Sanjay Kumar Suman 5.Dr.L.Bhagyalakshmi 6. D.Gururaj
17	Security, Artificial Intelligence and backlogging based Online fund transaction fraud detection using data science	202241026012 A	22-05-2022	1.Dr.V.Choudri 2.Dr.C.K.Sivashankari 3.Ms.Lalitha Ramachandra 4.Dr.Mohana Sundari/5.Dr.S.Ramya

				6.Mr.Sathiyandrakumar Srinivasan 7.Dr.Sargunavathi S 8.Dr.S.Ramkumar 9.Mr.S.Sureshkumar/10.Mr.S.Raja
18	Artificial Intelligence Controlled Vacuum Cleaning System with Information Storage	202141062137 A	02-04-2022	1.Vamsi Krishna 2.Savitha H.S 3.Raja G.V 4.Basuthkar Mahesh 5.Aruna R 6.Dr.S.Premkumar 7.Santhosh kumar.N 8.Dr.S.K.Althaf HussainBasha 9.D.Boobala Muralitharan
19	Deep learning based automated prediction of Obstetrics chronic pulmonary disease	202241017476 A	01-04-2022	1.Dr.Ramya C 2.Mrs.Mohanthi K 3.Mr.Christopher Francis Britto 4. Mr.OviOmkarParadkar 5.Dr.Stanny Thomas Cangan
20	Employing of soc tracker for rescuing and supervising a child in case of emergencies	202241012972 A	08-04-2022	1.Raghavendra Rao.B 2.Dr.S.B.Kulkarni 3.Vinita Tapaskar 4.Dr Sharanabasavaraj H Angadi 5.Vijayakumar S Malagitti 6.Dr.K.Ramkumar 7.R.Ramkumar 8.Dr.Subburaj T 9.Dr.T.Thiagarajan 10.Rashima Mahajan
21	A Smart IOT based Geyser that supports for Laser Electricity Consumption	202141061799 A	07-01-2022	1. Dr.T.N.Prabakar 2.Dr.A.Poonguzhali 3. Dr.B.Srilatha 4.Dr.S.Sivaganeshan 5.V.Arivumani 6.M.Nagakiran 7.J.Ramprabhu 8.Naik Nithin Ashok Rao 9.Dr.Nazimsha S 10.Amerayan R 11.Dr.B.Rajesh kumar 12.Dr.Umakanta Choudhury

22	Novel Approaches of Identification of Tangent and Normal of a hyperbola	202141057638A	17-12-2021	Dr.R.Balakrishna Sri Sairam College of Engineering Dr.B.Shadaksharappa P.Ramkumar
23	Internet of things (IOT) based robotic arm	202141058330A	17-12-2021	1.Sivaprakash C 2. Dr.B.Shadaksharappa 3.Dr.Gangavathi.P 4.Balaji.V 5.V.Bheemeswara Reddy 6.Raghavendra Rao B Kulkarni 7. Sri Sairam college of engineering 8. Dr Prabakar T N 9. Malini K V
24	System and method for Polarization maintaining fibres of twist sensors with different cladding diameter	202141016617A	23-04-2021	Dr Gangavathi P
25	A method of Characterizing the flow field of practical grinds inject turbulence	202141012668 A	02-04-2021	1.Dr.Gangavathi.P 2.Dr.B.Shadaksharappa 3.Dr.Harikrishna.S 4.Dr.Shailashree.S 5.Venkatesh.P 6.A JyothiSireesha 7.Jyothi B 8.Bheemeshwara Reddy V 9.Manjunatha KN
26	Design and development of mishap detection and astute action smart system using IOT	202141005564	12-02-2021	1..Mrs. Malini .KV
27	Design Using Image Recognition for low-Traffic-Long-Roads Illumination Control System	202141001750 A	22-01-2021	1.Malini.KV 2.Dr.B.Shadaksharappa 3.Ramya.K 4.R Gunasekari 5.D A Vennila 6.J.Madhava Rao 7.Dinesh.P
28	An Adaptive Technique Digital Signal Filtering for Image Processing	202141000444 A	08-01-2021	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3.Dr.B.Srilatha 4. Dr.A.Poonguzhali 5.Raja.GV 6.Aruna.R 7.K.P.Linija

29	A Portable Apparatus for cadmium removal from battery wastes	202141000443 A	08-01-2021	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3.Halesha.HR 4.Venugopal.P 5.Aruna.R 6.Santosh Kumar. N 7.Savitha.HS 8.Vinay Kumar Tivari
30	A Touchless Flushing method in Corona Isolation ward	202141000386 A	08-01-2021	1.Mrs.Malini.KV
31	A IOT Integrated wearable patient Healthcare Monitoring Apparatus	202141000446 A	08-01-2021	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3.Dr.T.N.Prabakar 4.Dr.B.Srilatha 5.Dr.A.Poonguzhali 6.Savitha.HS 7.K.P.Linija
32	AN Iot Based Drone on sewage water testing Process	202141000445 A	08-01-2021	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3. Dr. T.N. Prabakar 4.Raja.GV 5. Santosh Kumar. N 6.Venugopal.P 7.Halesha.H.R 8.Vinay Kumar Tivari
33	A System and method for air pressure stabilizing and pumping Apparatus in Vehicletms tires	202041056406 A	01-01-2021	1. Balaji. V 2.Yogananda.BS 3.Durai.J 4.Vinod Kumar Biradar 5.Ayishwarya.G 6.Rajesh Kumar. N 7.Rajini.R 8.Sridhar.CS 9.Anand K Joshi 10.E.Charles
34	Smart beam forming on Visible Light Communication to secure the Network against Eavesdropping from Anonymous Location	202041056173 A	01-01-2021	1.Dr.B.Shadaksharappa 2.Dr.R.Arun Kumar 3.Dr.T.N.Prabakar 4.Dr.Gangavathi.P 5.Sivaprakash.C 6.Bheemeswara Reedy 7.Malini.KV 8.Balaji.V 9.Dr.P.Bindu Madhavi 10.Raghavendra Rao B Kulkarni

35	Development of Smart system to avoid triples and over speed control in two wheelers	202041033794 A	21-08-2020	Dr.Harikrishna S
36	Smart Energy Efficient IOT Health Monitoring system using estimated	202041029468 A	31-07-2020	4.Dr.G.Manjula
37	Design of Novel Electrostatic spray machine for killing locust	202041028546 A	17-07-2020	1.Mrs.M.Loraty Shiny
38	Development of solar based compound parabolic collector for agriculture fields	202041025460 A	03-07-2020	1.P.Vijayakumar 2.Dr.G.Kumaresam 3.Dr.Kannan Kalappan 4.Mohit Tiwari 5. HemantB.Mahajan 6.Gourab Das 7.Tripati Tiwari 8.Dr.T.C.Manjunath 9.Dr..K.Murugan 10.Dr.B.Guruprasad 11.Manju.J R 12.Raghavendra Rao.B 13.Mr.A. GokulKarthik 14.Dr.M.R.Meera 15.Dr.Anand Mohan 16.T.Vignesh
39	An Approach for Empowering edge Computing for source allocation based Learning for Industrial IOT	202041023028 A	12-06-2020	1.Raghavendra Rao B
40	Quantum Computing system and method for Geometry Recognition of an object	201941001501 A	25-01-2019	1.Sivaprakash C 2. Dr.B.Shadaksharappa 3.Dr.Gangavathi.P 4.Balaji.V 5.V.Bheemeswara Reddy 6.Raghavendra Rao B Kulkarni
41	Domestic birds safe protective system	201941001507 A	18-01-2019	1.Sivaprakash C 2. Dr.B.Shadaksharappa 3.Dr.Gangavathi.P 4.Balaji.V 5.V.Bheemeswara Reddy 6.Raghavendra Rao B Kulkarni
42	A data storage device	201841047222 A	21-12-2018	1.Dr.B.Shadaksharappa
43	Flood draining system	201841042709 A	23-11-2018	1.Sivaprakash .C
44	Vehicle breaking system in hill station	201841038947 A	19-10-2018	1.Dr. B.Shadaksharappa

45	A Wheezing detection device	201841036882 A	12-10-2018	1.Prof.G.V.Raja
46	Power generation in rail cars by inverted type wind turbine	201741039495 A	15-12-2017	1.Dr.C.Anil Kumar 2.Dr.Y.Vijaya Kumar 3. Sachin AnantTelang
47	A Smart hybrid cooking system	201641037185 A	11-11-2016	1.Malini KV