



SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CSE, ECE,EEE,Mech., Civil and IT) & NAAC with 'A' Grade

Approved by AICTE, New Delhi, Permanently affiliated to JNTUA, Ananthapuramu.

Patents:

2024-25						
S.No	Patent (Indian/UK/Australia/USA)	Name of the Inventor	Publishing date	Title of invention	Application number	Granted/ Published
1	Indian	Dr.S. Salma	14-06-2024	Design of a Textile-Based Wearable Antenna for On-Body Wireless Communication Applications	202441043383	Published
2	Indian	Dr.S. Salma	21-06-2024	A Defected Ground Structure Based Dual Element MIMO Antenna with Circular Polarization for Satellite, ISM, and Radio Navigation Applications	202441044070	Published
3	Indian	Dr.S. Salma	31-05-2024	Design of a Dual Band Microstrip Patch Antenna for ISM, and X-Band Applications	202441041558	Published
4	Indian	Dr.V Madhurima	25-07-2024	Device for Testing Integrated Circuits	421143-001	Granted
5	Indian	Dr.P.Suresh Babu	11-10-2024	Cyberspace Enhanced Ultra-smart Computing System for Advanced Data Processing	202441074916	Published
6	Indian	Allabaksh Shaik	13-12-2024	Real-Time Object Detection using Deep Learning Techniques	202441096394	Published
7	Indian	Dr.K Raveendra	02-05-2024	Scanner Device for Image Extraction	410623-001	Granted
8	Indian	Dr.S. Salma	31-01-2025	Design and Performance Analysis of a Denim-Based Textile Antenna for Sub-6 GHz Wireless Communication Applications	202541006374	Published
9	Indian	Dr.K.Lokesh Krishna	02-08-2024	A Compensated Two-Stage Operational amplifier	202441057099	Published
10	Indian	Dr.K.Lokesh Krishna	02-08-2024	Implementation of a Facial Recognition based Enhanced Security System	202441057098	Published
11	Indian	Dr. G. Padma Priya	02-05-2025	IOT based portable herbicide making machine	444727-001	Granted
12	Indian	Dr C.Madhu	30-05-2025	AI based Virtual Reality Device	451760-001	Granted
13	Indian	Dr.C.Padma	21/02/2025	A Solar-Powered Water Purification System	202541009962	Published

14	Indian	Dr.E.Anant Shankar	20/09/2024	AI-Powered IoT Solutions for Smart Home Automation With Enhanced Security Features	202441069622	Published
15	Indian	Dr.E.Anant Shankar	13/09/2024	Optimising EV Charging Station Operations using IoT, Cloud Computing, and Machine Learning for Eco-Friendly Transportation	202441067845	Published
16	Indian	Dr.E.Anant Shankar	21-02-2025	IoT Based Bio-Cardiac Diagnostic Device	445768-001	Granted
17	Indian	Dr.E.Anant Shankar	23-05-2025	AI-Based Balance and posture detection device	448485-001	Granted
18	Indian	V.Tejevathi	11/10/2024	Generative AI Powered System for Electric Vehicle Battery Grid Integration and Management	202411072657	Published
19	Indian	M.Poorrima	04-04-2025	IoT Based Device for Precision Agriculture	446069-001	Granted
20	Indian	B.Deepa	31-01-2025	Advanced IoT Sensor Networks for Accurate and Efficient Environmental Monitoring	202521000160	Published
21	Indian	M.Mahesh	02-05-2025	AI Based Facial Recognition Device using image processing	444731-001	Granted
22	Indian	C.Rajani	07/03/2025	Cloud Based Water Usage Monitoring and Control Device	440328-001	Granted
23	Indian	Dr.CH.Pallavi	12/03/2025	AI based Voice Controlled Air Purifier Device	444728-001	Granted
24	Indian	P.Bharathi	07/03/2025	Self-Cleaning Solar Panels with Foldable Design	202541016609	Published


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2023-24							
S.N o	Patent (Indian/UK/ Australia/U SA)	Name of the Inventor	Author Position	Publishing date	Title of Invention	Application number	Granted/ Published
1	Indian	Dr.B.Shoban Babu	1	25-1-2024	IoT based Photovoltaic Cell Testing Device	405727-001	Published
2	Indian	Dr.B.Shoban Babu	1	27-12-2023	IoT based Wearable Medical Monitoring Device	403228-001	Published
3	Indian	Dr. V. Madhurima	1	01-12-2023	A Double Tail Comparator for High Speed Applications	202341072001	Published
4	Indian	KVL Keerthi	1	05-01-2024	IoT Based Wireless Charging Station	399631-001	Granted
5	Indian	Dr.K.Upendra Raju	5	05-02-2024	Design and Development of IoT Driven Multi-Layered Security system using Cryptography and Steganography	202441001267	Published
6	Indian	Dr K Raveendra	1	15-03-2024	Scanner Device for Image Extraction	410623-001	Granted
7	Indian	Dr.T.Chandrasekhar Rao	1	03-11-2023	A High gain medium powe amplifier circuit for audio applications	202341061450	Published
8	Indian	Dr.G.Sujatha	1	06-10-2023	A wide gain bandwidth miller compensated two stage CMOS operational Amplifier	202341061448	Published
9	Indian	B Chandrakala	1	16-12-2023	AI and Machine learning Mathematical model based early detection of Neuro functional disorders like Autism,	202341086079	Published

					Alzheimer, Tumors using strong deep learning algorithms-ANN/CNN Among children		
10	Indian	Dr.T.Chandrasekhar Rao	1	30-10-2023	Wireless Display Notice Board	391467-001	Granted
11	Indian	Dr. S. Salma	1	29-12-2023	Decahedron Shaped Dual Element MIMO Antenna for Wireless Communication Applications at W-LAN S And X Band Applications	202341078003	Published
12	Indian	Dr. S. Salma	1	29-12-2023	Wearable Tri-Band High-Gain Textile Antenna for On-Body Wireless Communication Applications	202341077999	Published
13	Indian	Dr.D.Srinivasulu Reddy	1	06-10-2023	Low Powered CMOS Transmission Gate Full Adder Circuit	202341061449	Published
14	Indian	Dr.D.Srinivasulu Reddy	1	15-11-2023	Solar Cum Electric Powered Electronic Notice Board	391466-001	Granted
15	Indian	K.R.Surendra	1	11-01-2024	Bionic Arm for Left Arm Amputees	400400-001	Granted
16	Indian	Allabaksh Shaik	2	28-11-2023	Colour Image Detection Device	400783-001	Granted


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2022-23						
Sl. No.	Patent Application No.	Status of Patent	Name of the Inventor	Title of the Patent	Patent Published Date	Assignee/s Name (Institute Affiliation/s at time of Application)
1	202241075351	Published	Dr.G.Sujatha	A Gain Efficient Operational Amplifier using composite Gain stages and Class - AB output stage	30.12.22	Sri Venkateswara College of Engineering
2	202341005234	Published	Dr.D.Srinivasulu Reddy	High Gain and Enhanced Slew Rate CMOS Operational Amplifier	03.02.23	Sri Venkateswara College of Engineering
3	202331002664	Published	K.Upendra Raju	Machine Learning and Data Science based Big Data Analytics ofPatients Suffering from Lung Cancer	20.01.2023	Sri Venkateswara College of Engineering
4	202241064573	Published	Dr.K.Raveendra	Design and Development of Automated Attendance Management System based on Face Recognition	18.11.2022	Sri Venkateswara College of Engineering

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