



**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)**



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**Department of Electronics & Communication Engineering
Publications AY 2023-24**

1.	Design and performance analysis of ohmic contact based SPMT RF MEMS switch	Rajasekhar.K., GirjaSravani, K. & Srinivasa Rao, K.	Microsyst Technol
2.	Automated face recognition system for smart attendance application using convolutional neural networks.	Rajasekhar.Konari,Thalluri,Lakshmi Narayana & Kiranmai, Babburu & Madam, Aravind & Kumar, K. & Ganesh, G. & Guha, Koushik & Mohammad, Md & Kiran, S S & Addepalli, Sravanti & Yaswanth, Vegesna.	International Journal of Intelligent Robotics and Applications
3.	Novel placement of serpentine spring to reduce pull-in voltage of a MEMS based switch	Virender Singh ,P. Rohit Nair, S. Gowtham, T. Avinash, Y. Saranya, Vijay Kumar	European Chemical Bulletin
4.	Pole Climbing Robot for Fire Fighting and Metal Detection	Dr. B. Siva Prasad, A. Gowri Prasad , G. Tulasi , Kalla Lokesh , Ch. Geetanjali , Kalivarapu Lokesh , B. Rohini	IJRASET
5.	ESP32 Based Smart Information For The ATM System	K. Ravi Kumar, G. Karishma Rani, K.Anusha,K.Janaki,D.DurgaPrasad, A. Rohit Raj	International Journal of Recent Scientific Research
6.	NFC-Empowered Smart Campus Automation by Using IoT & Machine Learning	Virender Singh, B. Lakshmi Naidu, K. Sravana, K.V.S. Sandeep, G. Murali, B. Charan	International Journal of Research Publication and Reviews
8.	Deforestation control and forest monitoring system using Lora technology	B. Siva Prasad, B. H. S. S. Madhuri,B. Anusha Reddy,CH. Vedavyas,G. Mourya Teja,K. Bhavika Sai Rani	International Journal of Advance Research, Ideas and Innovations in Technology
9.	3D Scanner Using Arduino Nano	E. Manenna, Ch. S. L. S. Uma Bhanu, G. Gnanendra Kumar, K. Vijaya Lakshmi, G. V. V. Siddi, B. Pavan Kumar	International Journal of Research Publication and Reviews
10.	Fingerprint Attendance Symphony	B. Siva Prasad, B. Janakiram, G. Rama Rajya Lakshmi, A.Surya Kiran, A.V. Sai Harshith, B. Rajesh	The International journal of analytical and experimental modal analysis
11.	A Reconfigurable Smart Sensor Interface for Industrial WSN Using RF TX And RF RX	A. Vijaya Sri, A. Naveen, A. Tejaswi, K. Gnaneswara Rao, K.Y.S.P. Pavan Kumar, B. Geetaswi	IJARIE

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12.	Vehicle to Vehicle Communication Using Li-Fi Technology	G. Durga Prasad, G. Sravani, G. Poorna Jhansi, B. Varshit, K. Tanuja Ramani, J. Tharun Tej	The International journal of analytical and experimental modal analysis
13.	RFID-GSM Based Automatic Rationing System "International Journal of Innovative Research In Technology	B. Siva Prasad, G. Usha Suryavathi, A. Bharath Kumar, K. Rohith, A. Puma Sai Sriram, K. Sravan Kumar	IJIRT
14.	Security Guard Night Vision Camera and Wireless Voice Robot for Surveillance System	Y. H.D. Aparna, B. Venkata Mounika, K. Kalyani, A. Sravya, J. Tanmayee Sudha, B. Tirupathi Rao	IJARESM
15.	Auto Indoor Hydroponic Fodder Grow Chamber Using IoT	B. Siva Prasad, A. Madhuri, K. Jaswanth, B. Bhavana, K. Bhavani Shankar, J. Sampath	International Journal of Recent Advances in Multidisciplinary Topics
16.	Design and implementation of Smart Electric Fence built on solar with an Automatic Irrigation system	B. Siva Prasad, P. Rohini, P. Hima Bindu, V. Sai Naveen, S. Kasi, A. Muralidhar	ISJEM
17.	IoT Enhanced Smart Aeroponics System	B. Siva Prasad, T. Roshitha, Sekhar. J, K. Dinesh Kumar, Y. Ramesh, V. Manoj Kumar	IJRASET
18.	Design and Implementation of a Portable Cardiopulmonary Resuscitation Device	B. Ravichandra, P. Srivalli, N. Sandeep, P. Yaksha Sai, S. Govardhan, S. Dinesh Kumar	International Journal of Recent Advances in Multidisciplinary Topics
19.	IOT Based Remoting and Monitoring of Solar Power	M. V. S. Roja Ramani, M. Dharani Sree, Y. Deepika Priya, R. Vamsi Krishna, S. D. Satya Mahadev, P. Dharma Teja	International Journal of Research Publication and Reviews
20.	Coal Mine Worker Safety Monitoring And Alerting System Using IoT Technology	Virender Singh, U. Chandra Mouli, M. Namratha, N. Rahim Kumar, U. Teja, P. Venkata Kalyan	International Journal Of Progressive Research In Engineering Management and Science
21.	RID-Based Autonomous Robot	K. Rajasekhar, M. Avinash, R Niharika Lakshmi, N. Vishnu Vardhan, N. K. S. Preetham Reddy, S. Lahari	IJARESM
22.	Rocker Bogie Robot	Mrs. B. N. S. Rani, Y. Neeraj Kumar, P. Gayathri, P. Rohit Reddy, M. Kiran, P. Sravani	IJARIE
23.	ESP 32 Cam Pan Tilt Surveillance Spider Robot	K. Rajasekhar, N. Ramya, R. Sai Lavanya, R. Navya Jyothi, M. Teja, N. Litish	IJSREM

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24.	IoT Controlled Led Notice Board	A.Vijaya Sri, T. V.Sai Sarojini ,R. Harika , S.Janakirama Lakshmi , K. Sai Sruthi , Md. Shakeer	International Scientific Journal of Engineering and Management
25.	IoT Enabled Smart Spirometer for Health Monitoring	G. Durga Prasad, L. Renuka Sowjanya1 , T.Homesh , P. Dhanunjaya Rao , T. Komali , N. Ravindra Varma	International Journal of Research Publication and Reviews
26.	IoT Enabled Smart Aquarium For Monitoring Through Sensors	Y.H.D. Apama, P. Chetan Vikas, L. Rithika Patnaik, S. Stanly Y. Pujitha, T. Divya Sree	IJSREM
27.	Metal Detector Robot Using Surveillance Camera	B. Siva Prasad, B. Ravi Kiran , S. Padmini Rani, S. Venkatesh, Y. Chandra Kanth, M. Sasank Sai krishna	International Journal of Research Publication and Reviews
28.	RFID Based Electronic Voting Machine Using OTP and BIO-Metric Verification"	B.Ravichandra, N.Y.S. Karthik, S.Prem Kumar, S.Tanuja, N.V.S. Kala Praneetha, M.Jnanendra	International Journal of Scientific Research and Engineering Development—
29.	Smart Solider Jacket	Virender Singh, P.Sravani, S.Durga Venkata Mohan, P.Deepthi, N.Teja	IJARIE

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