

Research Publications 2020-21

Title of paper	Name of the author/s	Name of journal	ISSN number	Link to the recognition UGC enlistment of the Journal
MATHEMATICAL CALCULATION & SIMULATION OF EARTHING GRID DESING	Dr. Vivek Kumar	Advances in Mathematics:	1857-8438	DOI:10.37418/amsj.9.10.29
CALCULATIION & SIMULATION OF VOLTAGE HAZARD IN COMBINED CYCLE POWER STATION	Dr. Vivek Kumar	Advances in Mathematics: Scientific Journal(Scopus Index)	1857-8438	DOI:10.37418/amsj.9.10.29
MATHEMATICAL CALCULATION OF GROND POTENTIAL,RISE IN POWER STATION	Dr. Vivek Kumar	Journal(Scopus Index)	1857-8438	DOI:10.37418/amsj.9.10.29
MATHEMATICAL CALCULATION OF VOLTAGE HAZARD IN POWER STATION+	Dr. Vivek Kumar	Advances in Mathematics: Scientific Journal(Scopus Index)	1857-8438	DOI:10.37418/amsj.9.10.29
CALCULATIION & SIMULATION OF GROUND POTENTIAL,RISE IN COMBINED CYCLE POWER STATION	Dr. Vivek Kumar	Journal(Scopus Index)	1857-8438	DOI:10.37418/amsj.9.10.29
A MICROCONTROLLER BASED CONFIGURABLE PROTECTION RELAY TO PROTECT THE EQUIPMENTS AGAINST SINGLE PHASE AC-LINE FAULTS	Sandeep	IJRTER	ISSN:2455-1457	DOI:10.37418/amsj.9.10.29
Implementation of an IoT based Real Time Signal Acquisition System over the Cloud using Thing Speak Platform for Multi-Zonal Temperature & Humidity Measurement	Sandeep	IJRTER	ISSN:2455-1457	
"Establishing A Wireless Local Area Network	Dayal Sati,	IJRTER	2395-0056	
Integrating Virtual Voice Assistant and MQTT in IOT based Smart Home Application"	Dayal Sati,	IJRTER	2395-0056	
A Cloud based System for Real-Time Remote Surveillance and Control based on the Wireless Multi-Sensor Network	Dayal Sati,	IJRTER	2395-0056	
A Cloud based System for Real-Time Remote Surveillance and Control based on the Wireless Multi-Sensor Network Inputs	Rohit Kumar Jhajharia	IJRTER	ISSN: 2395-0056	
Matlab/Simulink Based Implementation of Modified Sepic Boost Converter on Grid Connected PV Array System	Sunil Kumar,	IJRTER	• 6024	
Implementation of an IoT based Real Time Signal Acquisition Systemover the Cloud using Thing Speak Platform for Multi-Zonal Temperature & Humidity Measurement	Sandeep	IJRTER	ISSN:2455-1457	

"Establishing A Wireless Local Area Network Contr	Dayal Sati,	IJRTER	2395-0056	
Integrating Virtual Voice Assistant and MQTT in IC	Dayal Sati,	IJRTER	2395-0056	
A Cloud based System for Real-Time Remote Surv	Dayal Sati,	IJRTER	2395-0056	
A Cloud based System for Real-Time Remote Sur	Rohit Kumar Jhajharia	IJRTER	ISSN: 2395- 0056	
Influence of Wind Energy Source on Congest	Dr. Vivek Kumar	Process Integration and Optimization for Sustainability (Springer SCI)	ISSN: 2509- 4246	DOI:10.1007/s41660-022-00271-1

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Title of paper	Name of the author/s	Name of journal	ISSN number
A Digital Configurable On-Delay & Off-Delay Timer	Name of the author/s	IJSTM	ISSN number
A Microcontroller Based Industrial Timer	<i>Dr. Vivek Kumar</i>	IJSTM	ISSN (online): 2321-774X
A Multiband Terahertz	<i>Dr. Vivek Kumar</i>	IJSTM	ISSN (online): 2321-774X
A Study of Dual-Band	Mr. Sandeep Kumar	IJSTM	ISSN (online):
A Study of Terahertz	<i>Dr. Vivek Kumar</i>	IJSTM	ISSN (online):
Artificial Neural Network Controlled Load Frequency of	Dr. Vivek Kumar	IJSTM	ISSN (online):
ESP8266 Based Switching Control using Web Server	Mr. <i>Anil Kumar</i>	IJSTM	ISSN (online): 2321-774X
Implementation of Mesh Network Topology using ESP8266	<i>Mr. Sandeep Kumar</i>	IJSTM	ISSN (online): 2321-774X
Investigating a Dual-Band THz Metamaterial Absorber	Dr. Vivek Kumar	IJSTM	ISSN (online): 2321-774X
IoT Based Home Automation with Web Server	Dr. Vivek Kumar	IJSTM	ISSN (online): 2321-774X
IoT Enabled Multi-Sensory Environment for Remote Monitoring & Control	<i>Dr. Vivek Kumar</i>	IJSTM	ISSN (online): 2321-774X

Modelling and Analysing Double Helical Windings Using Finite	<i>Dr. Vivek Kumar</i>	IJSTM	ISSN (online): 2321-774X
Modelling of SPHEV Technique for Performance Enhancement of	<i>Mr. Sandeep Kumar</i>	IJSTM	ISSN (online): 2321-774X
Multi-Sensory Monitoring & Control using ESP8266 and Blynk	<i>Mr. Sandeep Kumar</i>	IJSTM	ISSN (online): 2321-774X
Network Simulator Analysis of Energy Efficiency of Weight	<i>Mr. Sandeep Kumar</i>	IJSTM	ISSN (online): 2321-774X
NodeMCU Based Mesh Controlled Network	<i>Mr. Anil Kumar Dr. Vivek Kumar</i>	IJSTM	ISSN (online): 2321-774X ISSN (online): 2321-774X
NodeMCU Based Switching Control Using Arduino IoT Cloud			
Resonance Mode Analysis of an EM Absorber	<i>Mr. Sandeep Kumar</i>	IJSTM	ISSN (online): 2321-774X
Result Analysis of an Electromagnetic Absorber	<i>Mr. Sandeep Kumar</i>	IJSTM	ISSN (online): 2321-774X
Solar Panel Productivity Improvement of Solar Photovoltaic	<i>Mr. Anil Kumar</i>	IJSTM	ISSN (online): 2321-774X
Design & Development of an IoT Based Enhanced Doorway Security System Using ESP32-CAM And Blynk Server	<i>Dr. Vivek Kumar</i>	IJSTM	ISSN: 2395-0056

Research Publications 2021-22

Title of paper	Name of the author/s	Name of journal	ISSN number
A Digital Configurable On-Delay & Off-Delay Timer	Dr. Vivek Kumar	IJSTM	ISSN (online):2321-774X
A Microcontroller Based Industrial Timer	Dr. Vivek Kumar	IJSTM	ISSN (online):2321-774X
A Multiband Terahertz Electromagnetic Absorber	Dr. Vivek Kumar	IJSTM	ISSN (online):2321-774X
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IoT_Enabled_Multi- Sensory Environment for	Dr. Vivek Kumar	IJSTM	ISSN (online): 2321-774X
IoT_Enabled_Multi-Sensory_Environment_for_Remote_	Mr. Sandeep Kumar	IJSTM	ISSN (online): 2321-774X
Modelling and Analysing Double Helical Windings Using Finite Element Method	Mr. Sandeep Kumar	IJSTM	ISSN (online):2321-774X
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Network Simulator Analysis of Energy Efficiency of Weight Based Ad-hoc On-Demand Distance Vector	Mr. Anil Kumar	IJSTM	ISSN (online):2321-774X
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Solar Panel Productivity Improvement of Solar Photovoltaic Cell Application Using a Single-Axis Solar Tracking System	Mr. Anil Kumar	IJSTM	ISSN (online):2321-774X