



BOOKS / BOOK CHAPTERS PUBLICATIONS

Dr Ruchi Pandey

- Published a Book Chapter in book titled Trends and Innovation in Management, Commerce, Science, Engineering and Humanities by RFI International Book Publications, ISSN No.:- 978-93-89522-53-2, Year: 2020, Book Chapter No. - 19, pp.31-35, Title: A Reference Study and Fundamental Study on Inductor for Power Electronics Appliances.
- Published a Book Chapter in book titled Sustainable Development of Technology, Science, Pharmacy, Humanities and Management by RFI International Book Publications, ISBN No.:- 978-93-89522-21-1, Year: 2020, Book Chapter No. - 12, pp.71-75, Title: A Characteristic Analysis on Transitioning to Physics-of-Failure for Reliability Driver using Bipolar Device
- Published a Book Chapter in book titled Emerging Trends and Technologies in the Area of I.T., Science, Social Sciences, Commerce and Management (ICET-2020) by RFI International Book Publications, ISBN No.:- 978-93-89522-60-0, Year: 2020, Book Chapter No. - 13, pp. 93-97, Title: A Review on the Physics and Electronics Relation in History View.
- Published a Book Chapter in book titled Study of Recent Management Practices, ISBN No.:- 978-93-91903-04-6, Year: 2021, Book Chapter No. - 14, pp. 207-217, Title: A Study on Electrical Energy Management Techniques.
- Published Book Chapter in book titled Intellectual Property Rights and Contemporary Issues in Innovation, Ecosystem, Environmental and Sustainable Development (Book Chapter) by Black Pearl Publications, ISBN No.- 978-93-90975-39-6, Year: 2021, Book Chapter No.- 05, pp 55-60, Title: Conceptual Research on Climate Change, Sustainable Development Goal.
- Published a Book Chapter in book titled Emerging Trends and Innovation in Commerce and Management (Book Chapter) by RFI International Book Publications, ISBN No.:- 978-93-91903-48-0, Year: 2021, Book Chapter No. - 08, pp. 51-55, Title: Recent Innovation for Autonomous Building Energy Management.

- Published a Book Chapter in book titled Artificial Intelligence Techniques in Power Systems Operations and Analysis (Book Chapter) by Taylor & Francis Group Publications, ISBN No.:- 978-1-032-29486-5, Year: 2023-24 , Book Chapter No. - 02, pp. 17-36, Title: Load Frequency Control for Multi-Area Power System Using PSO- Based Technique. DOI:10.1201/9781003301820

Mr. Anand Goswami

- Published a Book titled Micro Electronic Materials by RK Publications (Registered under MSME) Government of India ISBN No: - 978-93-95331-72-2, Year: 2022

Mr Amit Gupta

- Published a Book Chapter in book titled Emerging Trends in Science & Technology ISBN No:- 978-81-951982-2-1, Year: June 2021, Title:- Solar PV System published in Bhoomi Publications.
- Published a Book Chapter in book titled Artificial Intelligence Techniques in Power Systems Operations and Analysis (Book Chapter) by Taylor & Francis Group Publications, ISBN No.:- 978-1-032-29486-5, Year: 2023-24 , Book Chapter No. - 02, pp. 17-36, Title: Load Frequency Control for Multi-Area Power System Using PSO- Based Technique. DOI:10.1201/9781003301820
- Published a Book Chapter in book titled Artificial Intelligence Techniques in Power Systems Operations and Analysis (Book Chapter) by Taylor & Francis Group Publications, ISBN No.:- 978-1-032-29486-5, Year: 2023-24 , Book Chapter No. - 04, pp. 65-80, Title: A Hybrid Energy Management for stand –Alone Microgrids Using Grey Wolf Optimization System. DOI:10.1201/9781003301820



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S. no	Publication / Book/ Book Chapter	Name of Faculty	Name	Publication Name	Year/Date	DOI
1	Publication	Mr Anand Goswami	Auto Encoder and PMU Applied Electricity Theft Detection in Smart Grids	Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS) IEEE Xplore	22 Sep 2023	10.1109/ICAISS58487.2023.10250492
2	Publication	Mrs. Ritu Sharma	Smart Electric Vehicle (EVs) Charging Network Management Using Bidirectional GRU - AM Approaches	2nd International Conference on Edge Computing and Applications (ICECAA) IEEE Xplore	16 Aug 2023	10.1109/ICECAA58104.2023.10212236
3	Publication	Mrs. Parul Sharma	Electric Vehicles Charging System for Fast and Safe Charging using LSTM based Gradient Boosted Regression Tree	International Conference on Sustainable Computing and Smart Systems (ICSCSS) IEEE Xplore	07 July 2023	10.1109/ICSCSS57650.2023.10169147
			Direct Load Control Scheme for Flexible			

4	Publication	Dr Rajeev Kumar Chauhan	Loads under Automated Demand Response Program for Peak Demand Management, Loss Minimization, Asset Management and Sustainable Development	Recent Advances in Electrical & Electronics Engineering	21 June 2023	10.2174/2352096516666221227150735
5	Publication	Dr Rajeev Kumar Chauhan	Fual - Efficiency Improvement by Component- Size Optimization in Hybrid Electric Vehicles	World Electric Vehicle Journal	15 Jan 2023	10.3390/wevj14010024
6	Publication	Dr Pawan Kumar Pandey	Pre-Processing Based ECG Signal Analysis Using Emerging Tools	IETE Journal of Research	2023	10.1080/03772063.2023.2202162 (SCIE)
7	Book Chapter	Dr Ruchi Pandey	Book Name:- Artificial Intelligence Techniques in Power Systems Operations and Analysis Chapter Name:- Load Frequency Control for Multi-Area Power System Using PSO- Based Technique	Taylor & Francis Group Publications	2023-2024	10.1201/9781003301820
8	Book Chapter	Mr Amit Gupta	Book Name:- Artificial Intelligence Techniques in Power Systems Operations and Analysis Chapter Name:- Load Frequency Control for Multi-Area Power System Using PSO- Based Technique	Taylor & Francis Group Publications	2023-2024	10.1201/9781003301820
9	Book Chapter	Mr Amit Gupta	Book Name:- Artificial Intelligence Techniques in Power Systems Operations and Analysis	Taylor & Francis Group Publications	2023-2024	10.1201/9781003301820

			Chapter Name:- A Hybrid Energy Management for stand –Alone Microgrids Using Grey Wolf Optimization System			
10	Publication	Dr Rajeev Kumar Chauhan	Replacement of LVDS to HVDS for Reduction in Distribution Losses, Improvement in Voltage Profiles and Economic Analysis for National Saving	Recent Advances in Electrical & Electronics Engineering	07 Oct 2022	10/2174/2352096515666220902141918
11	Publication	Dr Rajeev Kumar Chauhan	Multistage Expansion Planning of Active Distribution System Network	Recent Advances in Electrical & Electronics Engineering	06 July 2022	10.2174/2352096515666220506183107
12	Publication	Dr Rajeev Kumar Chauhan	Performance Study on IEEE Bus System for Contingency Problem and Mitigation	Smart Moves Journal IJOSCIENCE	3 Mar 2021	10.24113/ijoscience.v7i3.382
13	Publication	Dr Rajeev Kumar Chauhan	Review on Contingency and its Effects in Transmission Lines	Smart Moves Journal IJOSCIENCE	1 Jan 2021	10.24113/ijoscience.v7i1.385
14	Publication	Dr Pawan Kumar Pandey	Integrated grid-connected hybrid power generating system with optimized PLL based power control	WALAILAK Journal Of Science And Technology (WJST)	May 2021	10.48048/wjst.2021.22784
15	Publication	Dr Rajeev Kumar Chauhan	An approach of multistage distribution system network expansion planning considering investment, operational cost and reliability of system	Indian Journal of Science and Technology	2020	10.17485/IJST/v13i30.678



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A. Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.

S. No	Faculty Name	Title of Paper	Name of Journal/Conference/Event	Date /YOP	Volume/Issue	ISSN No	Impact Factor
1	DR. RUCHI PANDEY	THERMAL PERFORMANCE ANALYSIS OF PARABOLIC TROUGH SOLAR COLLECTORS USING AL ₂ O ₃ AND CUO NANOFUIDS AND WATER AND ETHYLENE GLYCOL AS BASE FLUID	JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR) WWW.JETIR.ORG	2023	Volume 10, Issue 5	ISSN-2349-5162	7.95
		HARMONICS – CAUSES, AFFECTS & MITIGATION TECHNIQUES	JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR)	2023	Volume 10, Issue 4	ISSN-2349-5162	7.95
		DESIGNING AND CRAFTING STEPPER MOTOR POSITION CONTROL WITH ARDUINO MEGA 2560	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Feb 2023	Vol 10 Issue 4	2348-4918	
		RATIONAL OF ENERGY CONSUMPTION OF LARGE – SCALE INDUSTRIES AND SAVING OPPORTUNITIES	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR)	2023	April 2023 IJIRT Volume 9 Issue 11	ISSN: 2349-6002	7.95
		A REVIEW OF “THERMAL PERFORMANCE ANALYSIS OF PARABOLIC TROUGH SOLAR COLLECTORS USING NANOFUIDS”	INTERNATIONAL RESEARCH JOURNAL OF MODERNIZATION IN ENGINEERING TECHNOLOGY AND SCIENCE	2023	Volume:05/Issue:05 /May-2023	E-ISSN: 2582-5208	7.868
		“BIOMASS GASIFICATION OF AGRO – WASTE: - A POTENTIAL ASSESSMENT FOR SEONI, REGION	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING	2023	VOL. 08, ISSUE 01, JANUARY 2023	ISSN NO. 2456-1037	8.2
		DEVELOPING AN IOT-BASED INTELLIGENT WEARABLE JACKET PROTOTYPE FOR ENHANCING THE SAFETY OF COAL MINERS	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Oct 2022	VOL. 09, ISSUE 07	2348-4918	

		BIOMASS GASIFICATION OF AGRO – WASTE: - A POTENTIAL ASSESSMENT FOR SEONI, REGION”- A REVIEW	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH AND MANAGEMENT	2022	Vol. 08, Issue 01, January 2023	ISSN (ONLINE) 2348-4918, I.F. 6.33	8.20
		AN EXPLORATORY INVESTIGATION TOWARDS EVALUATING CRITERIA'S TO SOLAR PANELS: STUDY UNDER MCDM DIRECTORY	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ELECTRICAL, ELECTRONICS, INSTRUMENTATION AND CONTROL ENGINEERING	2022	Vol. 10, Issue 8, August 2022	ISSN (O) 2321-2004, ISSN (P) 2321-5526	7.047
		EVALUATION OF SOLAR PANELS FOR IMPROVED COMPETENCY: A COMPARATIVE STUDY AND APPRAISEMENT WITH TOPSIS	INTERNATIONAL ADVANCED RESEARCH JOURNAL IN SCIENCE, ENGINEERING AND TECHNOLOGY	2022	Vol. 9, Issue 7, July 2022	ISSN (O) 2393-8021, ISSN (P) 2394-1588	7.105
		ANALYTICAL APPROACH ON ENERGY MANAGEMENT SYSTEM AND UTILIZATION IN MADHYA PRADESH FOR PAPER INDUSTRY	SAMBODHI	2022	Vol-45, No.-1, (III) January-March (2022)	ISSN: 2249-6661	
		IMPLEMENTATION AND ANALYSIS BASED ON POWER GRID ON ENERGY STORAGE SYSTEM QUALITY: A REVIEW	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING	2022	Vol. 06, Issue 01, January 2021, pp.2456-1037.	ISSN NO. 2456-1037	8.20
		AN ANALYTICAL APPROACH ON SOLAR RADIATION CONCEPT FOR ENERGY ARRIVALS RESOURCES FOR POWER QUALITY IMPROVEMENT: A REVIEW	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING	2021	Vol. 14 No. 1 (2021)	ISSN NO. 2456-1037	8.20
		ENERGY EFFICIENCY OPPORTUNITIES BY MONITORING AND USING CONVERTER IN HOUSEHOLD ELECTRICITY: A REVIEW	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING	2021	Vol. 14 No. 1 (2021)	ISSN NO. 2456-1037	8.20
		POWER QUALITY IMPROVEMENT BY MONITORING AND USING CONVERTOR IN HOUSEHOLD ELECTRICITY.	INTERNATIONAL JOURNAL OF GRID AND DISTRIBUTED COMPUTING	2021	Vol. 14, No. 01, (2021), pp.1419-1430	ISSN: 2005-4262 (ONLINE)	
		“ANALYTICAL APPROACH ON ENERGY MANAGEMENT SYSTEM AND UTILIZATION IN MADHYA PRADESH FOR PAPER INDUSTRY: A REVIEW”.	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING	2021	Vol. 06, Issue 10, October 2021	(ISSN NO. 2456-1037)	8.20

		A REVIEW ON WEIBULL DISTRIBUTION BASED CLIMATE CHANGES IN WIND SPEED DISTRIBUTION FOR ENERGY TRANSFORMATION	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING	2021		(ISSN NO. 2456-1037)	
		THE INFLUENCE OF LASER HOLE DRILLING ON THE FRACTURE RESISTANCE OF METAL WRAP-THROUGH (MWT) SOLAR CELLS	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Dec 2021	Vol 8 Issue 12	2348-4918	
		ANALYTICAL EVALUATION OF WEIBULL DISTRIBUTION WITH CLIMATE CHANGES IN WIND SPEED DISTRIBUTION	INTERNATIONAL JOURNAL OF GRID AND DISTRIBUTED COMPUTING	2021	Vol. 14, No. 01, (2021), pp.1409-1418	ISSN: 2005-4262 (ONLINE)	
		ANALYTICAL APPROACH ON ENERGY MANAGEMENT SYSTEM AND UTILIZATION IN MADHYA PRADESH FOR PAPER INDUSTRY	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT ISSN: 2348-4918	2020		ISSN: 2348-4918	
		ANALYTICAL ESTIMATION OF PLANT POWER GENERATION BY PMFC (PERFORMANCE, LIMITATIONS & SCOPE)	INTERNATIONAL JOURNAL OF RECENT RESEARCH IN ELECTRICAL AND ELECTRONICS ENGINEERING (IJRREEE)	2020	Vol. 8, Issue 1, pp: (1-10), Month: January - March 2020	ISSN 2349-7815	
2	Dr RAJEEV KUMAR CHAUHAN	DIRECT LOAD CONTROL SCHEME FOR FLEXIBLE LOADS UNDER AUTOMATED DEMAND RESPONSE PROGRAM FOR PEAK DEMAND MANAGEMENT, LOSS MINIMIZATION, ASSET MANAGEMENT, AND SUSTAINABLE DEVELOPMENT	RECENT ADVANCES IN ELECTRICAL & ELECTRONIC ENGINEERING, JOURNAL	2023	Volume 16, Issue 5	ISSN (Print): 2352-0965 ISSN (Online): 2352-0973	1.1
		FUEL-EFFICIENCY IMPROVEMENT BY COMPONENT-SIZE OPTIMIZATION IN HYBRID ELECTRIC VEHICLES	WORLD ELECTRIC VEHICLE JOURNAL	15-01-2023	2023, 14(1), 24	ISSN:2032-6653	2.9
		REPLACEMENT OF LVDS TO HVDS FOR REDUCTION IN DISTRIBUTION LOSSES, IMPROVEMENT IN VOLTAGE PROFILES AND ECONOMIC ANALYSIS FOR NATIONAL SAVIN	RECENT ADVANCES IN ELECTRICAL & ELECTRONIC ENGINEERING,	07-10-2022	Volume 15, Issue 8, Pp: 17-29	ISSN (Print): 2352-0965 ISSN (Online): 2352-0973	1.1
		MULTISTAGE EXPANSION PLANNING OF ACTIVE DISTRIBUTION SYSTEM NETWORK	RECENT ADVANCES IN ELECTRICAL & ELECTRONIC ENGINEERING	06-07-2022	Volume 15, Issue 3, Pp: 216-233	ISSN (Print): 2352-0965 ISSN (Online): 2352-0973	1.1

		COORDINATED MULTISTAGE EXPANSION PLANNING OF DISTRIBUTION NETWORK	AICTE SPONSORED INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING AND MULTIDISCIPLINARY RESEARCH (ICEEMR 2022),	23-24, June, 2022	NA	ISBN 978-93-91930-06-6.	NA
		MULTI-PERIOD EXPANSION PLANNING FOR DISTRIBUTION NETWORK INCORPORATING MULTIPLE COST AND RELIABILITY	IEEE-PSES, 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND ADVANCEMENT IN TECHNOLOGY (ICEAT 2022),	08-09, July, 2022	NA	ISBN 978-93-81288-22-1.	NA
		AN APPROACH OF MULTISTAGE DISTRIBUTION SYSTEM NETWORK EXPANSION PLANNING CONSIDERING INVESTMENT, OPERATIONAL COST AND RELIABILITY OF SYSTEM	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY, JOURNAL	19-08-2020	Volume 13, Issue 30	Print ISSN : 0974-6846 Online ISSN : 0974-5645	
		ASSESSMENT OF VOLTAGE STABILITY AND EVENT DETECTION IN DISTRIBUTION GRID WITH PENETRATION OF RENEWABLE ENERGY SOURCES	STM-JOURNAL OF SOFTWARE ENGINEERING TOOLS & TECHNOLOGY TRENDS	2020	Volume 7, Issue 3	ISSN: 2394-7292	
3	Dr. PAWAN KUMAR PANDEY	PRE-PROCESSING BASED ECG SIGNAL ANALYSIS USING EMERGING TOOLS	IETE JOURNAL OF RESEARCH	2021		0974-780X	1.87
		A REVIEW ARTICLE OF STATCOM DESIGN AND ENHANCEMENT CONTROLLING OF POWER QUALITY	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH & ENGINEERING TRENDS	2022	8-5	2395 - 566 X	3.24
		INTEGRATED GRID-CONNECTED HYBRID POWER GENERATING SYSTEM WITH OPTIMIZED PLL-BASED POWER CONTROL	WALAILAK JOURNAL OF SCIENCE AND TECHNOLOGY (WJST)	2021	18/16	2228-835X	0.67
		HYBRID CONTROLLER AND DSTATCOM WITH HYBRID TECHNIQUE OPTIMIZED AND INTEGRATED THE HYBRID POWER GENERATING SYSTEM	TURKISH ONLINE JOURNAL OF QUALITATIVE INQUIRY (TOJQI)	2021	12-07	1309-6591	
		ANALYSIS OF INTEGRATED GRID-CONNECTED PV/BATTERY SYSTEM UNDER VARIOUS OPERATING CONDITIONS	DESIGN ENGINEERING (TORONTO)	2021	2021-07	0011-9342	0.101

		HYBRID SYSTEM - FRAMEWORK WHICH PROMPTS PRODUCE POWER WITH REASONABLE EXPENSE WITHOUT HARMING THE NATURE BALANCE	DESIGN ENGINEERING (TORONTO)	2021	2021-09	0011-9342	0.101
		PID CONTROLLER BASED POWER QUALITY IMPROVEMENT USING STATCOM	WEBIOLOGY	2021	18	1735-188X	1.65
		A REVIEW ARTICLE OF HYBRID SYSTEM - FRAMEWORK WHICH PROMPTS PRODUCE POWER WITH REASONABLE EXPENSE WITHOUT HARMING THE NATURE BALANCE	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH & ENGINEERING TRENDS	2021	7-6	2395-566X	3.24
4	MRS. RITU SHARMA	ADDRESSING SOLAR IRRADIANCE INTERMITTENCY IN PHOTOVOLTAIC POWER SYSTEMS WITH INTEGRATED ELECTRIC VEHICLE CHARGING CAPABILITY	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Oct 2022	Vol 9 Issue 07		
		ROLE OF ARTIFICIAL INTELLIGENCE IN POWER ELECTRONIC CIRCUIT	INTERNATIONAL CONFERENCE ON SCIENCE & INNOVATIVE ENGG. IN ASSOCIATION WITH JAWAHAR ENGG. COLLEGE CHENNAI	June 2022.			
		TESTING AND ASSESSMENT OF A SOLAR-POWERED GAS TURBINE SYSTEM	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Feb 2023	Vol:10 issue 01		
		SMART ELECTRIC VEHICLE (EVs) CHARGING NETWORK MANAGEMENT USING BIDIRECTIONAL GRU-AM APPROACHES	INTERNATIONAL CONFERENCE ON EDGE COMPUTING AND APPLICATIONS	Aug 2023			
5	MRS. PARUL SHARMA	PLANT GROWTH STRUCTURES: EXPLORING ECOLOGICAL AND EVOLUTIONARY ASPECTS	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Dec 2021	Vol:08 issue 12	2348-4918	
		TESTING AND ASSESSMENT OF A SOLAR-POWERED GAS TURBINE SYSTEM	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Feb 2023	Vol:10 issue 01		

		ELECTRIC VEHICLES CHARGING SYSTEM FOR FAST AND SAFE CHARGING USING LSTM BASED GRADIENT BOOSTED REGRESSION TREE	ICSCSS WILL BE HELD ON 14-16, JUNE 2023, IN HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY (HICET) COIMBATORE, INDIA.	June, 2023	Volume 9 Issue11	ICSCSS – 245	
6	MR. ANAND GOSWAMI	HARMONICS- CAUSES, AFFECTS & MITIGATION TECHNIQUES	JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR)	2023	Vol 10 Issue 4	2349-5162	
		RATIONAL OF ENERGY CONSUMPTION OF LARGE-SCALE INDUSTRIES AND SAVING OPPORTUNITIES	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY(IJIR T)	Apr 2023	Volume9 Issue11	ISSN 2349-6002	
		DESIGNING AND CRAFTING STEPPER MOTOR POSITION CONTROL WITH ARDUINO MEGA 2560	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Feb 2023	Vol 10 Issue 4	2348-4918	
		BIOMASS GASIFICATION OF AGRO-WASTE:- A POTENTIAL ASSESSMENT FOR SEONI REGION	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING	Jan 2023	Vol 10 Issue 1	2456-1037	8.2
		BIOMASS GASIFICATION OF AGRO-WASTE:- A POTENTIAL ASSESSMENT FOR SEONI REGION-A REVIEW	JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR)	Dec 2022	Volume 9 Issue 06	2348-4918	
		PERFORMANCE ANALYSIS OF 3KW RESIDENTIAL GRID - CONNECTED PHOTOVOLTAIC SYSTEM WITH MICRO INVERTER TOPOLOGY USING SYSTEM ADVISOR MODEL	INTERNATIONAL JOURNAL FOR RESEARCH IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY (IJRASET)	2021	Volume 9 Issue IX		7.429
		PERFORMANCE COMPARISON OF 3KW RESIDENTIAL GRID-CONNECTED PHOTOVOLTAIC SYSTEM BETWEEN MICRO INVERTER AND STRING INVERTER TOPOLOGY USING SYSTEM ADVISOR MODEL	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET)	2021	Volume: 08 Issue: 09		
		THE INFLUENCE OF LASER HOLE DRILLING ON THE FRACTURE RESISTANCE OF METAL WRAP-THROUGH (MWT) SOLAR CELLS	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Dec 2021	Vol 8 Issue 12	2348-4918	
		“ANALYTICAL ESTIMATION OF PLANT POWER GENERATION BY PMFC (PERFORMANCE, LIMITATIONS & SCOPE)”	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	2020	Vol. 8, Issue 1		

7	Mr. Amit Gupta	DEVELOPMENT AND EXECUTION OF AN ARDUINO MOBILE ROBOT WITH LINE FOLLOWING CAPABILITY USING MATLAB SIMULINK TOOLBOX	INTERNATIONAL JOURNAL OF RECENT RESEARCH IN ELECTRICAL AND ELECTRONICS ENGINEERING (IJRREEE)	Oct 2022	Vol 9 Issue 7	2348-4918	
		VISUAL EFFECTS AND THEIR SIGNIFICANCE IN VISUAL MEDIA PRODUCTION	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	01-02-2023	Vol 10 Issue 01		
		HARMONICS- CAUSES, AFFECTS & MITIGATION TECHNIQUES	JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR)	2023	Vol 10 Issue 4	2349-5162	
		RATIONAL OF ENERGY CONSUMPTION OF LARGE-SCALE INDUSTRIES AND SAVING OPPORTUNITIES	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY(IJIR T)	Apr 2023	Volume9 Issue11	ISSN 2349-6002	
8	MRS. RASHI GOSWAMI	DEVELOPING A SAFETY MANAGEMENT SYSTEM APPROACH FOR HIGHLY AUTOMATED DRIVING SYSTEMS	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Dec 2021	Vol 8 Issue 12		
		PLANT GROWTH STRUCTURES: EXPLORING ECOLOGICAL AND EVOLUTIONARY ASPECTS	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	01-12-2021	Vol:08 issue 12	2348-4918	
		POWER QUALITY IMPROVEMENT OF DC DRIVE BY REDUCTION OF CIRCULATING CURRENT USING IOT	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING(Ind ex)	Jun 2020	Vol 05 Issue 06		7.98
		STUDY & ANALYSIS OF POWER QUALITY IMPROVEMENT OF DC DRIVE USING INTERNET OF THINGS	INTERNATIONAL JOURNAL OF NOVEL RESEARCH IN ENGINEERING AND SCIENCE	Mar 2023	Vol 9 Issue 3		
9	MRS Shiwangi Saini	DEVELOPING A SAFETY MANAGEMENT SYSTEM APPROACH FOR HIGHLY AUTOMATED DRIVING SYSTEMS	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Dec 2021	Vol 8 Issue 12		
		ADDRESSING SOLAR IRRADIANCE INTERMITTENCY IN PHOTOVOLTAIC POWER SYSTEMS WITH INTEGRATED ELECTRIC VEHICLE CHARGING CAPABILITY	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Oct 2022	Vol 9 Issue 07		

10	Mr. Ashok Soni	DEVELOPMENT AND EXECUTION OF AN ARDUINO MOBILE ROBOT WITH LINE FOLLOWING CAPABILITY USING MATLAB SIMULINK TOOLBOX	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Oct 2022	Vol 9 Issue 7	2348-4918	
		POWER QUALITY IMPROVEMENT OF DC DRIVE BY REDUCTION OF CIRCULATING CURRENT USING IOT	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING(India)	Jun 2020	Vol 05 Issue 06		7.98
		VISUAL EFFECTS AND THEIR SIGNIFICANCE IN VISUAL MEDIA PRODUCTION	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	01-02-2023	Vol 10 Issue 01	2348-4918	
11	Mrs. Aakanksha Upadhyay	POWER QUALITY IMPROVEMENT OF DC DRIVE BY REDUCTION OF CIRCULATING CURRENT USING IOT	ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING(India)	Jun 2020	Vol 05 Issue 06		7.98
		THE INFLUENCE OF LASER HOLE DRILLING ON THE FRACTURE RESISTANCE OF METAL WRAP-THROUGH (MWT) SOLAR CELLS	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Dec 2021	Vol 8 Issue 12	2348-4918	
		DEVELOPING AN IOT-BASED INTELLIGENT WEARABLE JACKET PROTOTYPE FOR ENHANCING THE SAFETY OF COAL MINERS	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT	Oct 2022	VOL. 09, ISSUE 07	2348-4918	



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S.No	Name of Faculty	FDP/STTP / Workshop	Title	Name of Journal/Conference/Event	Year	Duration
1	Aakanksha Upadhyay	Capability Building Programme	Blockchain Technology and applications blockchain	PDPM IIIT Jabalpur	15-24 June 2023	10 days
2	Aakanksha Upadhyay	FDP (National Level)	Transformation in Indian Education through New Education Policy- Challenges and Opportunities	ST Aloysius college (Autonomous) Mangaluru	05-11 July 2021	1 Week
3	Aakanksha Upadhyay	Capability Building Programme	Empowering Girls to Reduce the Gender Gap in IT and ITES Sectors in South Asia Region: Training and E - Content Development Programme	PDPM IIIT Jabalpur	19 May - 01 June 2023	2 Week
4	Anand Goswami	Online Training	Energy Simulation for Energy Conservation Building Code (ECBC) & Eco- Niwas Samhita (ENS)	Gujarat Energy Development Agency Gandhinagar	20-21 Jan 2023	2 Day
5	Anand Goswami	Online Training	Envelope Optimization for Energy Conservation Building Code (ECBC) & Eco- Niwas Samhita (ENS)	Gujarat Energy Development Agency Gandhinagar	29-Dec-22	1 Day
6	Anand Goswami	Online Training	Energy Simulation for Energy Conservation Building Code (ECBC) & Eco- Niwas Samhita (ENS)	Gujarat Energy Development Agency Gandhinagar	28-29 March 2023	2 Day
7	Ritu Sharma	Online FDP	Data Analytics with IBM Cognos	BGIEM Jabalpur	20- 27July 2023	8 Day
8	Ritu Sharma	Webinar	HARMONICS- The root cause of pre-mature failure of Distribution Transformers in the Office & Commercial Complexes	The Institution of Engineers (India), Bhopal	07-May-23	1 Day

9	Ritu Sharma	Seminar	Role of smart Electronics and renewable energy system	SERB India	14-18 March 2023	5 Day
10	Ritu Sharma	Capability Building Programme	Blockchain Technology and applications	PDPM IIIT Jabalpur	15-24 June 2023	10 days
11	Ritu Sharma	Capability Building Programme	Empowering Girls to Reduce the Gender Gap in IT and ITES Sectors in South Asia Region: Training and E - Content Development	PDPM IIIT Jabalpur	19-1 st june 2023	13 days
12	Ritu Sharma	Capacity Building Programme	Artificial intelligence and machine learning	PDPM IIIT Jabalpur	10-23 march 2023	13 days
13	Ritu Sharma	online Faculty development program	Data Science and machine learning	IQAC	13-17 february 2023	5 days
14	Anand Goswami	online Faculty development program	smart grid and micro grid in indian context	Mahatma Gandhi Institute of Technology, Gandipet	20-24 june 2022	5 days
15	Anand Goswami	Workshop	Artificial intelligence and machine learning	Madhya nchal professional university	06-Jun-22	1 days
16	Ritu Sharma	online program	Solar power system	NIELIT Calicut	20-22 july 2022	2 day
17	Ritu Sharma	workshop	Artificial intelligence and machine learning	Robonauts india	06-Jun-22	1 day
18	Ritu Sharma	online Fdp program	Renewable energy sources integration in to the power system	CLPA , MITS Gwalior	22-26 june 2022	5 days
19	Ritu Sharma	presented a paper	Role of artificial intelligence in power electronics circuit	Jawahar Engineering college ,Chennai	05-Jun-22	1 days

20	Rashi Goswami	online Fdp program	Polymer electrolytes & characterization	IPS academy	26-5 july 2023	10 days
21	Rashi Goswami	Online Training	Energy Simulation for Energy Conservation Building Code (ECBC) & Eco- Niwas Samhita (ENS)	Energy development agency gandhinagar	28-29 March 2023	2 days
22	Rashi Goswami	Seminar	smart grid for Enabling Energy Efficiency and demand Response Role of IOT and Artificial Intelligence	SERB India	13-17 february 2023	5 days
23	Rashi Goswami	Seminar	Role of smart electronics and Renewable nergy system for sustainable development	SERB India	14-18 March 2023	5 days
24	Rashi Goswami	Seminar	Security threats in to IOT Communication	M.P Council Science of Technology	28-Mar-23	1 days
25	Rashi Goswami	FDP	Recent Trends in computer Science and communication technology	Arya Insititute of Engineering Technology and Management omaxe city ajmer Road jaipur	13-17 february 2023	5 days
26	Rashi Goswami	Capacity Building Programme	Empowering Girls to Reduce the Gender Gap in IT and ITES Sectors in South Asia Region: Training and E - Content Development Programme	PDPM IIIT Jabalpur	19 May - 01 June 2023	2 Week
27	Rashi Goswami	FDP	Recent Trends in cyber Security & Block chain Technology	IEEE	28-02 july 2022	5 days
28	Rashi Goswami	FDP	The Trends , prospects and Perspective using AI,ML,DL ,Big data , Cloud and parallel computing	arya Insititute of Engineering Technology and Management	7-11 november 2022	5 days
29	Ritu Sharma	online Faculty development program	Role of power electronics and advances in infrastructure for	NIT warangal and malviya national institute of technology jaipur	11-19 july 2022	9 days
30	Ritu Sharma	online Faculty development program	Emerging Trends in Renewable Energy Technology	Motilal nehru national insititute of technology Allhabad	20-24 june 2022	5 days

31	Ritu Sharma	FDP	Electric vehicle mobility	AICTE /UGC	14-26 march 2022	14 days
32	Parul sharma	online program	Solar Power system	NIELIT CALICUT	20-22 july 2022	2 days
33	Parul sharma	International conference on science and innovative Engineering	Role of artificial intelligence and power electronics circuit	jawahar engineering collage ,chennai	05-Jun-22	1 days
34	Parul sharma	Seminar	Security Threats in IoT Communication	M.P Council Science of Technology	28-Mar-23	1 days
35	Parul sharma	Webinar	The root cause of Pre - mature failure of distribution transformer in the office & commercial Complex	IEI ,MPSC , Bhopal	07-May-23	1 days
36	Parul sharma	Seminar	Smart grid enabling energy Efficiency and demand Response Role of IOT and Artificial Intelligence	SERB India	13-17 february2023	5 days
37	Parul sharma	online Faculty development program	Renewable energy sources integration into the power system	CLPA ,MITS gwalior	22-26 june 2022	4 days
38	Parul sharma	Online self Financed	Emerging Trends in Renewable Energy Technology	Motilal nehru national insitute of technology Allhabad	20-24 june 2022	5 days
39	Parul sharma	National Workshop	Artificial intelligence and machine learning	Robonauts india	06-Jun-22	1 days
40	Parul sharma	International conference	Role of artificial intelligence and power electronics circuit	jawahar engineering collage ,chennai	05-Jun-22	1 days
41	Ashok soni	Seminar	Smart grid for Enabling Energy Efficiency and Demand Response Role of IOT and Artificial Intelligence	SERB India	13-17 june 2023	5 days

42	Ashok soni	Seminar	Role of smart Electronics and renewable energy system	SERB India	14-18 march 2023	5 days
43	Ashok soni	Training	Programming Essentials in python Course	CISCO Networking Academy	22-Jul-22	1 days
44	Ashok soni	National Workshop	Artificial intelligence and machine learning	Robonauts india	06-Jun-22	1 days
45	Shiwangi Saini	Webinar	Power at the Table - Advocate for Energy & Data Equity	IEEE PELS - IEEE TEC	31-Aug-22	1 days
46	Shiwangi Saini	Webinar	Search Strategies to Personalize your Research Experience	IEEE	30-Aug-22	1 days
47	Shiwangi Saini	Webinar	IEEE open access symposium: tips and best practices to get published	from IEEE	30-Aug-22	1 days
48	Shiwangi Saini	Webinar	Search Strategies to Personalize your Research Experience	from IEEE	30-Aug-22	1 days
49	Shiwangi Saini	Webinar	Electrolytic Capacitorless Pulsating DC Link Three - phase Inverter for Low Voltage Battery EVS	from IEEE	23-Aug-22	1 days
50	Shiwangi Saini	Self Paced Training Course	Stateflow Onramp	Mathworks training Services	07-Jul-22	1 days
51	Shiwangi Saini	Self Paced Training Course	Control Design Onramp With Simulink	Mathworks training Services	07-Jul-22	1 days
52	Shiwangi Saini	Self Paced Training Course	Simscape Onramp	Mathworks training Services	04-Jul-22	1 days

53	Anand goswami	FDP	Smart grid and micro grid in indian context	Mahatma Gandhi Institute of Technology	2022	5 days
54	Anand goswami	online program	Artificial intelligence & machine learning	Robonauts India	2022	1 days
55	Anand goswami	Training	devnet associate course	CISCO	2022	2 days
56	Anand goswami	Training	CCNA	CISCO	2022	5 days
57	Anand goswami	Conference	Pre - Conference of renewable energy conclave	JEC	2021	5 days
58	Anand goswami	Faculty development program	Role of internet of things in smart grid technology	SREC	2021	1 days
59	Anand goswami	Online self Financed	Microgrid and its opportunities	MRIIRS, farida bad, haryana	2021	5 days
60	Anand goswami	Training	Programming Essentials in python	pyhton insitute	2021	2 Week
61	Anand goswami	International conference	Electrical safety measure in power grid	sri ramkrishna engineering collage	2021	5 days
62	Anand goswami	Seminar	Indaian launch vehicle technology	Jabalpur engg Collage	2021	5 days
63	Anand goswami	Seminar	AVR microcontroller programming	EDU skills national building through skillls	2021	9 days

64	Anand goswami	Training	introduction the cyber security course	CISCO	2021	5 days
65	Anand goswami	Training	introduction the network course	CISCO	2021	14 days
66	Anand goswami	Webinar	national education policy 2020	manda institute of technology	2021	2 days
67	Anand goswami	Training	IOT course	CISCO	2021	1 days
68	Anand goswami	Training	introduction of packet tracer course	CISCO	2021	1 days
69	Anand goswami	Training	Cla: programming essentials in c	CISCO	2021	1 days
70	Anand goswami	Training	Intruduction to AWS IOT	AWS training and certification	2021	5 days
71	Anand goswami	conference	International E- conference on synthesis	jabalpur eng. Collage TEQIP_III	2021	4 days
72	Anand goswami	FDP	IOT based health monitoring & control system	Manda institute of technology bikaner	2021	5 days
73	Anand goswami	STTP	Assembly line automation and machine building phase 1	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY , AICTE	2020	1 days
74	Anand goswami	FDP	micro grid electric vehicles	jk lakshmipat university jaipur	2020	1 days

75	Anand goswami	FDP	Fractional order robust control system design -ii	AICTE	2020	5 days
76	Anand goswami	FDP	An infinite energy source for sustainable development	LNCT indore	2020	5 days
77	Anand goswami	Seminar	predictive analytics using artificial intelligence	AICTE	2020	1 days
78	Anand goswami	Webinar	jobs & bussiness opportunities in solar energy	sagar group of institute	2020	1 days
79	Anand goswami	Seminar	protection and control techniques for micro- grid & its challenges	veer surendra sai university of technology , burla	2020	1 days
80	Anand goswami	Faculty development program	opportunities and challenges in emerging technology of electric power system	technical education quality improvement programm -III	2020	1 days
81	Anand goswami	FDP	training and learning academy	AICTE	2020	1 days
82	Anand goswami	FDP	rise of emerging semiconductor technology trends the future of electronics devices	jabalpur eng. Collage TEQIP_III	2020	1 days
83	Anand goswami	International conference	Indian space program	jabalpur eng. Collage TEQIP_III	2020	1 days
84	Anand goswami	Seminar	Future role of power electronics in industrial automation	shri ram krishna eng. Collage	2020	5 days
85	Anand goswami	Seminar	Enhancement in loadability of EHV transmission system	GGITS ,AICTE	2020	1 days

86	Anand goswami	Webinar	vocal for local for self reliant india	gurukul mahila mahavidyalay kalibadi road raipur ,c.g	2020	10 days
87	Anand goswami	Webinar	cyber security webinar	ggits jabalpur	2020	2 days
88	Anand goswami	Webinar	E- vehicle and its adaptability challenges	school of energy & environment managment ,utd	2020	5 days
89	Anand goswami	Webinar	Smart antenna	barkatullah university ,bhopal	2020	5 days
90	Anand goswami	workshop	one day workshop on c and c++	teaching and learning center IIT bombay	2020	1 days
91	Anand goswami	workshop	one day workshop on arduino	teaching and learning center IIT bombay	2020	5 days
92	AMIT GUPTA	Webinar	Solar energy	institute in active association with TRA international	2016	2 Week
93	AMIT GUPTA	Webinar	An overview of solar power genration	JHARKHAND rai university Ranchi	2021	5 days
94	AMIT GUPTA	Webinar	Advance in renewable energy technology	AICTE	2021	5 days
95	AMIT GUPTA	FDP	Faculty devlpoment program for student induction	AICTE	2019	9 days
96	AMIT GUPTA	FDP	Inroduction to cybersecurity course	CISCO	2021	5 days

97	AMIT GUPTA	Online program	Smart grid monitoring protection and control	AICTE	2021	14 days
98	AMIT GUPTA	Webinar	Solar power genration	DTE bhopal	2021	2 days
99	AMIT GUPTA	Seminar	Enhancement in loadability of EHV transmission system	AICTE	2020	1 days
100	AMIT GUPTA	E- workshop	NPTEL Awaewness E- workshop	JEC &LNCT	2020	1 days
101	ASHOK SONI	National Workshop	Programing essentials in python course	python institute ,CISCO	11 - 12 Dec, 2020	1 days
102	ASHOK SONI	Webinar	Hidden chanllenges in E-vehicle technology	IETE	15 to 20 dec 2020	1 days
103	ASHOK SONI	Webinar	Artificial intelligence and machine learning	Robonauts india	16 to 21 nov2020	1 days
104	ASHOK SONI	Webinar	Enhancement in loadability of EHV transmission system	AICTE	20-Oct-20	1 days
105	ASHOK SONI	Webinar	Enhancement in loadability of EHV transmission system	AICTE	16 to 21 nov2020	1 days
106	ASHOK SONI	Webinar	Imprecision in decision making situation	JEC	20-Oct-20	1 days
107	ASHOK SONI	Self Paced Training Course	Brainstorming techniques	RGPV BHOPAL	15 to 16 sep 2020	1 days

108	ASHOK SONI	Self Paced Training Course	Opportunity and challenges emerging technology of electric power system	jec m.p	7 to 11 sep 2020	5 days
109	ASHOK SONI	Self Paced Training Course	Electric vehicle challenges and opportunities	AICTE	24 to 29 aug 2020	1 days
110	ASHOK SONI	FDP	Enhancement in loadability of EHV transmission system	AICTE	17 to 22 aug 2020	10 days
111	ASHOK SONI	online program	innovation design thinking & entrepreneurship	Sreenidhi institute of science & technology	1 to 6 june 2020	2 days
112	ASHOK SONI	International conference on science and innovative	Emerging trends in sustainable technology	RGPV BHOPAL	2 to 4 june 2020	5 days
113	ASHOK SONI	Seminar	Recent trends in energy conservation management & energy audit	RGPV BHOPAL TEQI-II	15 to 16 may 2020	5 days
114	shiwangi saini	Webinar	Direct Power Control: Theories and Applications	IEEE PELS-IEEE TEC	September 8, 2022	1 days
115	shiwangi saini	Seminar	MATLAB Programming	Electronics and ICT Academies at MNIT Jaipur	August 22 - September 02, 2022	5 days
116	shiwangi saini	online Faculty development program	in IEEE Power at the table Advocate for energy and data equity: fireside chat with electric co-op CEO Curtis Wynn	IEEE PELS-IEEE TEC	August 22 - September 02, 2022	2 Week
117	shiwangi saini	Online self Financed	IEEE Power at the table Advocate for energy and data equity: fireside chat with electric co-op CEO Curtis Wynn	IEEE PELS-IEEE TEC	11 - 12 Dec, 2020	5 days
118	shiwangi saini	National Workshop	IEEE open access symposium: tips and best practices to get published	from IEEE	31st to 4th September, 2020	5 days

119	shiwangi saini	International conference	Renewable Energy courses developed in line with the European Project EMTEU Energy Management Technician in Europe	European Energy Center.	on June 2022	9 days
120	shiwangi saini	Seminar	Electric Vehicles & Mobility	AICTE/UGC	14th to 26th March 2022.	5 days
121	shiwangi saini	Seminar	POWER ELECTRONIC CONVERTERS AND CONTROL FOR RENEWABLE POWER AND MICROGRID SYSTEMS	Indian Institute of Technology Goa.	14/12/2021 to 18/12/2021	14 days
122	shiwangi saini	Python Course	AI & IOT applications in Energy Sector"	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY.	07/09/2021 to 11/09/2021	2 days
123	shiwangi saini	National Workshop	ARTIFICIAL INTELLIGENCE IN THE ENERGY SECTOR: OPPORTUNITIES AND CHALLENGES"	AICTE Training And Learning (ATAL) Academy	08/08/2021 to 13/08/2021	1 days
124	shiwangi saini	Webinar	Recent Advances and Trends in Lightweight Cryptography for IoT Security and Blockchain Technologies	AICTE Training And Learning (ATAL) Academy	2021-07-27 to 2021-07-31	1 days
125	shiwangi saini	Webinar	Block Chain Technology: Current Trends and future aspects in Smart Grid	AICTE Training and Learning (ATAL) Academy	2021-7-12 to 2021-7-16	1 days
126	shiwangi saini	Webinar	Electric Vehicles	Laxmi Narayan College of Technology	8-13 March, 2021	5 days
127	shiwangi saini	Webinar	Artificial Intelligence	AICTE Training and Learning (ATAL) Academy	2021-1-4 to 2021-1-8	4 days
128	shiwangi saini	Webinar	Electric Vehicles	AICTE Training and Learning (ATAL) Academy	2020-12-28 to 2021-1-1	5 days
129	shiwangi saini	STTP	Enhancement in Loadability of EHV Transmission System: Reduction in Line Losses	AICTE		1 days

130	shiwangi saini	FDP	Sustainability Engineering	AICTE Training and Learning (ATAL) Academy	2020-12-14 to 2020-12-18	1 days
131	shiwangi saini	Self Paced Training Course	Accreditation Scope in New Education Policy, its Relevance and Effectiveness	EduFuture Learning in association with PoornaEdusolutions	12th December, 2020.	5 days
132	shiwangi saini	FDP	Power System Design Simulation and Analysis using DigSILENTPowerFactory Software	M/s DELLSOFT Technologies Pvt. Ltd. New Delhi.	11 - 12 Dec, 2020	5 days
133	shiwangi saini	online program	Electric Vehicle Technologies and Advances	RGPV, Bhopal under TEQIP-III.	31st to 4th September, 2020	1 days
134	shiwangi saini	International conference on science and innovative	PROTECTION AND CONTROL TECHNIQUESFOR MICRO-GRID & ITS CHALLENGES	Veer Surendra Sai University of Technology, Burla, Odisha	15th to 16th September, 2020.	1 days
135	shiwangi saini	Seminar	RECENT ADVANCES IN ARTIFICIAL INTELIGENCE	Veer Surendra Sai University of Technology, Burla, Odisha	15th to 16th September, 2020.	1 days
136	shiwangi saini	Webinar	Recent Trends in Power Systems	Department of Electrical Engineering	5th July, 2020.	1 days
137	shiwangi saini	Seminar	How to Publish Research in the IEEE Transactions and Journals	IEEE	30th June, 2020.	1 days
138	shiwangi saini	Faculty development program	Wireless charging for autonomous electrified micro-mobility devices: A real world solution for smart	IEEE 1	2020-12-14 to 2020-12-18	1 days
139	shiwangi saini	Online self Financed	Energy Conservation in Irrigation System	Angadi Institute of Technology & Management, Belagavi, Karnataka.	12th December, 2020.	1 days
140	shiwangi saini	National Workshop	Grid Modernization and Smart Grid	EEE, SACS MAVMM	11 - 12 Dec, 2020	5 days

141	shiwangi saini	International conference	Emerging Power Electronics Converters and Technologies for E-Mobility Adaptations	T.J.S Engineering College	31st to 4th September, 2020	1 days
142	shiwangi saini	Seminar	Design consideration for Transformers in Full-Bridge Phase Shift Converters	IEEE 1	2020-12-14 to 2020-12-18	10 days
143	shiwangi saini	Seminar	Fuzzy and Neural Systems	TEQIP-III	12th December, 2020.	2 days
144	shiwangi saini	Seminar	Stateflow Onramp	MathworksTraining Services	11 - 12 Dec, 2020	5 days
145	shiwangi saini	National Workshop	Control Design Onramp with SIMULINK	MathworksTraining Services	31st to 4th September, 2020	5 days
146	shiwangi saini	Webinar	SimScape Onramp	MathworksTraining Services	5th July, 2020.	1 days
147	shiwangi saini	Webinar	Circuit Simulation Onramp	MathworksTraining Services.	30th June, 2020.	5 days
148	shiwangi saini	Webinar	Simulink Onramp	MathworksTraining Services	2020-12-14 to 2020-12-18	2 Week
149	shiwangi saini	Webinar	PCAP: Programming Essentials in Python	Cisco Networking Academy in collaboration with OpenEDG Python Institute	12th December, 2020.	5 days
150	shiwangi saini	Webinar	High Power Modular Multilevel Converter Analysis, Design and Operational Issues	IIT, Madras	11 - 12 Dec, 2020	5 days
151	shiwangi saini	Self Paced Training Course	MATLAB Onramp	MathworksTraining Services	31st to 4th September, 2020	9 days

152	shiwangi saini	Self Paced Training Course	How to Write and Publish a Scientific Paper (Project-Centered Course)	École Polytechnique and offered through Coursera	11 - 12 Dec, 2020	5 days
153	shiwangi saini	Self Paced Training Course	Elements of AI offered	University of Helsinki	31st to 4th September, 2020	14 days
154	shiwangi saini	FDP	Improvement in modular multilevel converter system for electric vehicle battery charging	IJARESM	2020-12-14 to 2020-12-18	2 days
155	shiwangi saini	online program	Simulation of Capacitor Charging Power supply for Pulsed TEA CO2 Laser	IJSRD,	12th December, 2020.	1 days
156	shiwangi saini	International conference	Study of Design and Development of Capacitor Charging Power supply for Pulsed TEA CO2 Laser	,IJSRD	11 - 12 Dec, 2020	1 days
157	shiwangi saini	Seminar	Development of Series Resonant Converter Based High Voltage Capacitor Charging Power Supply for Pulsed TEA CO2 Laser	RRCAT	31st to 4th September, 2020	1 days
158	Rashi goswami	Webinar	Recent trends in cyber security & blockchain technology	IEEE	2022	5 days
159	Rashi goswami	Seminar	Artificial intelligence and machine learning	Robonauts india	2022	4 days
160	Rashi goswami	Training	Programming essentials in python course	,IJSRD	2022	5 days
161	Rashi goswami	Training	CCNAv7 introduction to networks	RRCAT	2022	1 days
162	Rashi goswami	National Workshop	Challenges opportunities in hybrid electric vehicle	IEEE	2020	1 days

163	Rashi goswami	STTP	Enhancement in loadability of EHV transmission system	AICTE	2019	5 days
164	Rashi goswami	Seminar	Technological development of alternative sources of energy in development of power sector	RGPV ,TEQIP -III	2016	5 days
165	Rashi goswami	Seminar	A review of study and analysis of power quality improvement of dc drives	IJNREC	2022	1 days
166	Rashi goswami	Training	Power quality improment of dc drives	IJNREC	2022	1 days
167	Rashi goswami	Training	A role of internet things in smart grid technology	AICTE	2020	1 days
168	Rashi goswami	Webinar	A review of study and analysis of power quality improvement of dc drives	IJNREC	2019	1 days
169	Anand goswami	Webinar	Smart grid and micro grid in indian context	mahatma gandhi institute of technology	2022	1 days
170	Anand goswami	Webinar	Artificial intelligence & machine learning	robonauts india	2022	1 days
171	Anand goswami	Webinar	ICMPMA	Research & postgraduate department IOT physics	2022	1 days
172	Anand goswami	Webinar	Devnet associate course	CISCO	2022	5 days
173	Anand goswami	Training Course	CCNA	CISCO	2022	1 days

174	Anand goswami	conference	Pre -conference of renewable energy conclave	JEC	2021	10 days
175	Anand goswami	FDP	Role of internet of things in smart grid technology	SREC	2021	2 days
176	Anand goswami	FDP	Microgrid and its pportunities	MRIIRS, farida bad, haryana	2021	5 days
177	Anand goswami	Training Course	Programming essentials in python	pyhton insitute	2021	5 days
178	Anand goswami	Webinar	Electrical safety measure in power grid	sri ramkrishna engineering collage	2021	1 days
179	Anand goswami	Seminar	Indian launch vehicle technology	jabalpur eng. Collage	2021	5 days
180	Anand goswami	Webinar	AVR microcontroller programming	EDU skills national building through skills	2021	2 Week
181	Anand goswami	Seminar	Introduction the cyber security course	CISCO	2021	5 days
182	Anand goswami	Training	Introduction the network course	CISCO	2021	5 days
183	Anand goswami	Webinar	National education policy 2020	manda institute of technology	2021	9 days
184	Anand goswami	Training	IOT course	CISCO	2021	5 days

185	Anand goswami	Training	Introduction of packet tracer course	CISCO	2021	14 days
186	Anand goswami	Training	CLA: programming essentials in c	CISCO	2021	2 days
187	Anand goswami	Training	Intruduction to AWS IOT	AWS training and certification	2021	1 days
188	Anand goswami	E- conference	International E- conference on synthesis	jabalpur eng. Collage TEQIP_III	2021	1 days
189	Anand goswami	National Workshop	IOT based health monitoring & control system	Manda institute of technology bikaner	2021	1 days
190	Anand goswami	Webinar	Assembly line automation and machine building phase 1	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY , AICTE	2020	5 days
191	Anand goswami	Webinar	micro grid electric vehicles	jk lakshmipat university jaipur	2020	4 days
192	Anand goswami	Webinar	Fractional order robust control system design -ii	AICTE	2020	5 days
193	Anand goswami	Webinar	An infinite energy source for sustainable devlopment	LNCT indore	2020	1 days
194	Anand goswami	Webinar	Predictive analytics using artificial intelligence	AICTE	2020	1 days
195	Anand goswami	Self Paced Training Course	Jobs & bussiness opportunities in solar energy	sagar group of institute	2020	5 days

196	Anand goswami	Self Paced Training Course	Protection and control techniques for micro- grid & its challenges	veer surendra Rai university of technology , burla	2020	5 days
197	Anand goswami	Self Paced Training Course	Opportunities and challenges in emerging technology of electrical power system	technical education quality improvment programm -III	2020	1 days
198	Anand goswami	FDP	Training and learning academy	AICTE	2020	1 days
199	Anand goswami	online program	Rise of emerging semiconductor technology trends the future of electronnics devices	jabalpur eng. Collage TEQIP_III	2020	1 days
200	Anand goswami	International conference	Indian space program	jabalpur eng. Collage TEQIP_III	2020	1 days
201	Anand goswami	Seminar	Future role of power electronics in industrial automation	shri ram krishna eng. Collage	2020	1 days
202	Anand goswami	FDP	Enhancement in loadability of EHV transmission system	GGITS ,AICTE	2020	1 days
203	Anand goswami	Seminar	Vocal for local for self reliant india	gurukul mahila mahavidyalay kalibadi road raipur ,c.g	2020	1 days
204	Anand goswami	webinar	Cyber security webinar	ggits jabalpur	2020	1 days
205	Anand goswami	Webinar	E- vehicle and its adaptability challenges	school of energy & environment managment ,utd	2020	1 days
206	Anand goswami	Webinar	Smart antenna	barkatullah university ,bhopal	2020	1 days

207	Anand goswami	one day workshop	one day workshop on c and c++	teaching and learning center IIT bombay	2020	1 days
208	AMIT GUPTA	Seminar	Study of dissolved gas analysis for determination of faults in transformer	ICCPEIC	2020	5 days
209	ASHOK SONI	Training	inroduction to cybersecurity course	CISCO	2020	5 days
210	Pawan Kumar Pandey	workshop	Solar Power Generation	JEC-Jabalpur	12th March 2021	1 days
211	Pawan Kumar Pandey	STTP	Recent Advances in Power Electronics & its Applications	JEC-Jabalpur	22-26 September 2020	1 Week
212	Pawan Kumar Pandey	workshop	Virtual Labs Hands-on Outreach Workshop	Virtual labs-IIT Bombay & Jabalpur Engineering College	23-Dec-20	1 day
213	Pawan Kumar Pandey	short-term course	Signal Processing in Power System Protection & Control (S3PC-2017)	NIT- Kurukshetra	17-22 July 2019	5 days
214	Pawan Kumar Pandey	National Seminar	Smart Grid for Enabling Energy Efficiency and Demand Response Role of IoT and Artificial Intelligence	GGITS	13-17 February 2023	5 days
215	Pawan Kumar Pandey	Faculty Development Programme	Recent Advancements in Sustainable Development through Renewable Energy Systems	Bikaner (Rajasthan).	07.03.2022 to 16.03.2022	2 Week
216	Pawan Kumar Pandey	workshop	Consumer Awareness: जागो ग्राहक जाग	MITs, Gwalior, MP	26th Feb. 2022	1 day
217	Pawan Kumar Pandey	workshop	Solar Power Generation	JEC-Jabalpur	12th March 2021	1 day

218	Pawan Kumar Pandey	short-term course	Industrial Electrical Drives	JEC-Jabalpur	20-24 January 2020	5 days
219	Pawan Kumar Pandey	International Conference	International Conference on Engineering, Mathematical and Computational Intelligence	JEC-Jabalpur	21-23 December 2019	3 Day
220	Pawan Kumar Pandey	Faculty Induction Program	Advance Pedagogy and Digital Tool	TEQIP-III, IIT Indore	17-21 June 2019	5 days



**Shri Wardhaman Academy for Technical Education's
Gyan Ganga Institute of Technology & Sciences**

Near Bargi Hills, Tilwara Ghat Road, Jabalpur (M.P., India)

Department of Electrical and Electronics Engineering

Patents Published/Granted					
Year	S. No	Name(s) of the Investigator (s)	Title of the Patent	dd/mm/yyyy Published	dd/mm/yyyy Granted
2 0 2 1	1	Dr Ruchi Pandey	Artificial Neural Network Based Intelligent Refrigerator	07-09-2021	
	2	Dr Ruchi Pandey	Utility Patent Machine Learning Based Image Processing System to Analyse Human Skin	05-07-2021	
	3	Dr Ruchi Pandey	Design Patent, Power Generation by Plant Microbial Fuel Cell	16-06-2021	
	4	Dr Ruchi Pandey	Single Motor Controlled Driving Mode Change System of Hybrid Electric Vehicle	09-03-2021	
	5	Dr Ruchi Pandey	Design Patent Blockchain based statistical market place data analysis system for data consumers through fair exchange	25-07-2021	
	6	Dr Ruchi Pandey	Examining the issue of gateway selection for the effective integration of WSN with the Internet in realizing the IoT vision	29/10/2021	

2 0 2 2	7	Mrs Ritu Sharma	Power Supply Systems for lower voltage auxiliary systems on an electric vehicle that use power drawn from a high voltage bus	30/12/2022	
	8	Mrs Parul Sharma	Power Supply Systems for lower voltage auxiliary systems on an electric vehicle that use	30/12/2022	
	9	Mrs Ritu Sharma	Design of Smart Home Automation using Cloud Networking System	19/08/2022	
	10	Mrs Parul Sharma	Design of Smart Home Automation using Cloud Networking System	19/08/2022	
	11	Prof Amit Gupta	Solar Powered device to detect nutrients in supplied farm water	05-05-2022	
	12	Dr Ruchi Pandey	Microbial Fuel Cell Based on Plants for Electricity Generation	16-06-2021	16/06/2022
	13	Prof Anand Goswami	Microbial Fuel Cell Based on Plants for Electricity Generation	16-06-2021	16/06/2022
	14	Prof Anand Goswami	Robotic Application Based Smart and Self Analysis of Electric Vehicles Fault Identification and Rectification	09-02-2022	
	15	Prof Anand Goswami	Artificial intelligence base Approach to design an engine to receive wind energy and run the electric vehicles	16/09/2022	

	16	Prof Rashi Goswami	Artificial intelligence base Approch to design an engine to receive wind energy and run the electric vehicles	16/09/2022	
	17	Prof Anand Goswami	An IOT Integrated smart irrigation system based on wind energy utilization to monitor the watering of crops	23/09/2022	
	18	Prof Rashi Goswami	An IOT Integrated smart irrigation system based on wind energy utilization to monitor the watering of crops	23/09/2022	
	19	ANAND GOSWAMI	Analysing the synergic effect of unidirectional and bidirectional smart charging points of electric vehicles.	14/10/2022	
	20	RITU SHARMA	Analysing the synergic effect of unidirectional and bidirectional smart charging points of electric vehicles.	14/10/2022	
	21	RASHI GOSWAMI	Analysing the synergic effect of unidirectional and bidirectional smart charging points of electric vehicles.	14/10/2022	
2 0	22	SHIWANGI SAINI	Analysis of The Efficacy of Electric and Hybrid Electric Vehicles through the Techniques of Artificial Intelligence	13-01-2023	

0 2 3	23	Dr Ruchi Pandey	Techniques of Artificial Intelligence	02-03-2023	
	24	Dr Ruchi Pandey	Blockchain based payment channel token exchange system for quick trading	12-04-2023	