

Nizwa College of Technology

Engineering Department Journal Publications

S No	Name of the Faculty	Title of the Research Paper	Name of the Journal , ISSN No / Conference details	Month and year
1	Muhammad Khurram	CPEC Game Changer will Boost Oman's Economy	Journal of Oman Business Focus, Vol.5 January 2018, Department of Business Administration, CAS, Nizwa, Sultanate of Oman.	January 2018
2	Pritam Keshavdas Gujarathi	EV in India: Market Analysis with Consumer Perspective, Policies and Issues	Journal of Green Engineering, River Publishers, Denmark.	January 2018
3	Pritam Keshavdas Gujarathi	MATLAB-Simulink Based Tool Development for Early Stage Design of Electric Powertrain during Conversion of Conventional Vehicle into Plug-In Hybrid Electric Vehicle	Majlesi Journal of Electrical Engineering, Islamic Azad University, Iran.	In Press
4	Pritam Keshavdas Gujarathi	Single Converter Topology for Converted Plug-In Hybrid Electric Vehicle" International Journal of Applied Science, Engineering and Management	International Journal of Applied Science, Engineering and Management.	Jan 2018
5	SHABBIR AHMED R.M	Tensile strenght on multi bolted double lap joints in the woven glass epoxy composites laminate by experimental and FEM studies	International journal of Mechanical engineering science (Accepted)	Feb -2018
6	SHABBIR AHMED R.M	Numerical analysis of woven glass fibric polymer laminated composites with bolt loaded hole	International conference on mechanical and aerospace engineering(ICMAE) stockholm,sweden 6th-7th march 2019	6th-7th march 2018
7	SHABBIR AHMED R.M	Preliminary studies in three dimensional stress analysis of fastner joint in composites laminates	International conference on mechanical and aerospace engineering(ICMAE) stockholm,sweden 6th-7th march 2019	6th-7th march 2018
8	SHABBIR AHMED R.M	Experimental and numerical analysis of woven glass epoxy composites laminates with single lap joint	Internation Journal of King saud university ,publishing service provided by Elsevier(Accepted)	March 2018
9	Muhammad Khurram	Proposed Efficient Method for Ticket Booking (PEMTB)	Journal of Fundamental and Applied Sciences, 2018, 10(6S), 321-338 ISSN 1112-9867	March 2018
10	Mr. Zafar Iqbal	Framework to suggest the most non predictable and secure user graphical password patterns in android phones.	Computing, Communication and Information Technology- CCIT 2018, Switzerland,ISBN: 978-1-63248-149-8	April 2018
11	Dr. Syed Imran Ali	Framework to suggest the most non predictable and secure user graphical password patterns in android phones.	Computing, Communication and Information Technology- CCIT 2018, Switzerland,ISBN: 978-1-63248-149-8	April 2018
12	Dr.Bensujin	A Comprehensive study and analysis of Intrusion Detection using Machine Learning Techniques	Management, Architecture, Technology and Engineering (IJARMATE) Vol. IV, Issue IV, April 2018. ISSN (ONLINE) : 2454-9762 ISSN (PRINT) : 2454-	April 2018
13	Dr. Syed Imran Ali	Classification of posts on Instagram into categories using Naïve waive classifier to promote Business	and Opportunities in Business,Management and Economics, lbri College of Technology, Sultanate of Oman	May 2018

14	Dr.Sugumaran	Analysis of Wind Driven Induction Generator with impact of Non-linear Loads	International Journal of Pure and Applied Mathematics ISSN 1314-3395	May 2018
15	Dr. M.Sivakumar	Mitigation of PQ Issues Using an Enhanced UPQC-Based ANN Approach	Journal of Circuits, Systems and Computers ISSN (print): 0218-1266 ISSN (online): 1793-6454	May 2018
16	Dr. M.Sivakumar	Analysis of Wind Driven Induction Generator with impact of Non-linear Loads	International Journal of Pure and Applied Mathematics ISSN 1314-3395	May 2018
17	Dr.Vimalakeerthy	Analysis of Wind Driven Induction Generator with impact of Non-linear Loads	International Journal of Pure and Applied Mathematics	May 2018
18	Dr.Vimalakeerthy	Analysing the performance of DSTATCOM in Power Quality Improvement	International Journal of Pure and Applied Mathematics	May 2018
19	Muthukumar Selvakkannu	Design of DC - DC Power Converter using Power Amplifier	International Journal of Pure and Applied Mathematics	May 2018
20	Pritam Keshavdas Gujarathi	Emission Reduction and Improvement in Fuel Economy by Fuzzy Algorithm for Converted Plug-In Hybrid Electric Vehicle	Journal of Advanced Research in Dynamical and Control Systems, Institute of Advanced Scientific Research, USA.	May 2018
21	Pandimadevi Ganesan	Mathematical modelling of solar PV panel	International journal of engineering research and Technology, Vol.6, Issue 09, ISSN 2778-0181	May 2018
22	Muhammad Khurram	A Survey on Optimal Dynamic Deployment and Scheduling Of Relay Nodes in Wireless Sensor Networks	International Conference on Science Technology and Management (ICSTM) Putrajaya, Malaysia.	July 2018
23	Dr.Radika P	Performance Comparison of Conventional Boost Converter & DC/DC Interleaved Boost Converter	International Journal of Future Trends in Engg & Science	July 2018
24	Pritam Keshavdas Gujarathi	Grey Wolf Algorithm for Multidimensional Engine Optimization of Converted Plug-in Hybrid Electric Vehicle	International Journal on Transportation Research Part D: Transport and Environment, Elsevier Publication (Science Direct), Netherlands.	July 2018
25	Muhammad Khurram	Optimal Overhead Energy Efficient Algorithm Of Leach Protocol In Wireless Sensor Network	Engineering Technologies (ICGCET), 2018 Aalborg University, Niels Bohrs Vej 8, Esbjerg, Denmark, GYANCITY Research Labs & Aalborg University,	August 2018
26	Dr. Syed Imran Ali	Optimal Overhead Energy Efficient Algorithm Of Leach Protocol In Wireless Sensor Network	Engineering Technologies (ICGCET), 2018 Aalborg University, Niels Bohrs Vej 8, Esbjerg, Denmark, GYANCITY Research Labs & Aalborg University,	August 2018
27	Pritam Keshavdas Gujarathi	Emission Reduction by Combined Rule Based-Artificial Bee Colony Optimization Algorithm for Converted Plug-In Hybrid Electric Vehicle	Journal of Intelligent & Fuzzy Systems-Applications in Engineering and Technology, IOS Press, Netherlands.	Aug 2018
28	Pritam Keshavdas Gujarathi	Towards Sustainable Transportation: Global Scenario and India as Developing Country.	Sustainable Systems NOVA SCIENCE PUBLISHERS, INC, NEW YORK, USA. ISBN: 978-1-53614-023-1	Aug 2018

29	Pritam Keshavdas Gujarathi	Fuzzy Logic Based Energy Management Strategy for Converted Parallel Hybrid Electric Vehicle	8th IEEE Control and System Graduate Research Colloquium (ICSGRC 2017) Organized by IEEE Control System Section, Malaysia and University Technology, Mara held in Malaysia.	4-5 August 2017
30	Pritam Keshavdas Gujarathi	A Seven Switch All in One Power Electronic Topology for Converted Plug-In Hybrid Electric Vehicle	2017 IEEE International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials (ICSTM) Organized by Vel Tech University, Avadi, Chennai, India.	2-4 August 2017
31	Pritam Keshavdas Gujarathi	Performance Analysis of Converted Parallel Plug-In Hybrid Electric Vehicle	8th IEEE Control and System Graduate Research Colloquium (ICSGRC 2017) Organized by IEEE Control System Section, Malaysia and University Technology, Mara held in Malaysia.	4-5 August 2017
32	Dr.KJ.Sabareesaan	Performance Analysis of various filters for noise removal in EDM electrode surface crack images	International Journal of Applied Sciences and Management Vol. 3, No. 1, 317-328,	December, 2017
33	Dr.Vimalakeerthy	Comparison of Special Transformer Connections in Three Phase to Five Phase Transformation	International Journal for Scientific Research & Development	Sep 2017
34	Dr R Senthil Kumar	Analysis of cooling tower for fresh water	Internal journal on Desalination and Water	2017
35	Dr.Bensujin	Enhancing Oman Renewable Energy Sources Using Smart Robot For PV Panel Cleaning	International Journal of Applied Sciences and Management	Nov, 2017
36	Pandimadevi Ganesan	DESIGN OF PI CONTROLLER FOR A CONICAL TANK SYSTEM	World Journal of Engineering Research and Technology,ISSN 2454-695X	December,2017
37	Pandimadevi Ganesan	Lifetime Prediction OF Process Equipment In Industries Using Labview	International Journal of New Technologies in Science and Engineering,Vol. 4, Issue. 3, 2017, ISSN 2349-0780	December,2017
38	Dr.Selvakumar Vairamuthu	DESIGN OF PI CONTROLLER FOR A CONICAL TANK SYSTEM	World Journal of Engineering Research and Technology,ISSN 2454-695X	December,2017
39	Dr.Selvakumar Vairamuthu	Lifetime Prediction OF Process Equipment In Industries Using Labview ,	International Journal of New Technologies in Science and Engineering,Vol. 4, Issue. 3, 2017, ISSN 2349-0780	December,2017