# **Volume 8, Special Issue 4, April 2018**( ISSN 2250 – 2459 (Online))

**An ISO 9001:2008 Certified, UGC Approved Journal**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Title of Paper** | **Page No.** |
| **1.** | [**Advance Power Optimization and Monitoring Technique for Cooling Tower in Steam Power Plant**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_01.pdf)  Authors: Amit Sinha, Dhananjay Yadav, Ragini Nayakwade, Hiren Patel | **1-2** |
| **2.** | [**Automation of Substation and Fault Detection Using PLC and SCADA with System Restoration Scheme**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_02.pdf)  Authors: Pratik Champaneri, Firoz Ali, Mrugnesh Kadu, Digvijay Patel | **3-10** |
| **3.** | [**Design an Efficient System for Improving Solar Power Utilization**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_03.pdf)  Authors: Sourabh Shrivastav, Manan Rawal, Sanjay Prajapati, Dipak Kori, Sita Singh | **5-7** |
| **4.** | [**A Novel Toxic Gas Detection System for Industry with Enhanced Power Tripping & Exhausting Methodology**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_04.pdf)  Authors: Parth Pandya, Kajal Rathod, Pareen Prajapati, Saddam Saiyed, S.Kannan | **8-9** |
| **5.** | [**mobiMOOC: A Personal Tutor For Modern ICT**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_05.pdf)  Authors: Dr. R. Anjana, Suchita Borkar | **10-14** |
| **6.** | [**Rail Track Cleaner (RTC)**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_06.pdf)  Authors: Vora Mazhar, Kinjal Patel, Nileswari Patel, Dr. R. Anjana | **15-24** |
| **7.** | [**Smart Technology Safety Helmet**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_07.pdf)  Authors: Ingle Paras, Patel Nikhil, Tiwari Saurav, Mishra Pawan, S. Kannan | **25-27** |
| **8.** | [**Advance Menu & Ordering System Using PLC”**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_08.pdf)  Authors: Shankar Tadvi, Yash Koli, Vimal Nayka, Bhavin Patel, Hiren Patel | **28-30** |
| **9.** | [**Swar-“A Voice of Disable”**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_09.pdf)  Authors: Kavita Joshi, Preeti Maurya, Aiswarya Nair, Pragathi Peyyala, Pallavi Borse | **31-34** |
| **10.** | [**E-Helping Hand Writer**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_10.pdf)  Authors: Priyanka Bariya, Mitali Kamli, Unnati Mahyavanshi, Reena Savaliya | **35-38** |
| **11.** | [**Switch Automation System Using Arduino**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_11.pdf)  Authors: Preeti Maurya, Krunal Rathod, Hardik Waghela, Krunal A. Gandhi | **39-42** |
| **12.** | [**PC Controller Using Wi-Fi**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_12.pdf)  Authors: Hina Patel, Vibhuti Mangela, Viral Prajapati | **43-45** |
| **13.** | [**THE" Binder**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_13.pdf)  Authors: Manthan Surti, Aishwarya Guntoju, Mahima Patel, Neelima Roy, Amit Viramgami | **46-48** |
| **14.** | [**To Predict and Measure the Success Possibility of Lean Six Sigma Adoption in Foundary Shops of Valsad Region**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_14.pdf)  Authors: Anand Ahir, Alok Choudhary, Ashish Patel | **49-54** |
| **15.** | [**Development of Framework for Enhancing Adoption of Lean Manufacturing in Medium Scale Industries of Valsad Region**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_15.pdf)  Authors: Mayur Patel, Alok Choudhary, Ashish Patel | **55-60** |
| **16.** | [**Conversion of Waste Plastic into Fuel**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_16.pdf)  Authors: Abhishek Bhandari, Kashyap Bhavsar, Vatsal patel Amin Rashiyani | **61-63** |
| **17.** | [**Modelling And Modification Of Cafe Racer Bike - A Review**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_17.pdf)  Authors: Miraj Bhavsar, Jenish Modi, Bhavesh Patel | **64-66** |
| **18.** | [**The Experimental Study of Single Cylinder Four Stroke Spark Ignition Engine using Biogas as a fuel: A Review Study**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_18.pdf)  Authors:Saket Singh, Chirag Sharman, Jigar Bhanushali, Dhavan Sharma | **67-68** |
| **19.** | [**Car Parking System**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_19.pdf)  Authors:Tulsika Haresh Raval, Feba Daniel, Hemanshi Dilipbhai Patel, Rensi Kalavadia | **69-71** |
| **20.** | [**Smart Market**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_20.pdf)  Authors: Rahul R Pandey, Anjani N Halpati, Prachi R Kakade, Prachi R Gite | **72-75** |
| **21.** | [**Daily Wages Labour Helping Application**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_20.pdf)  Authors: Prachi D. Patel, Parthi P. Patel, Rinal N. Damnia, Mahima R. Salunke, Bhavesh K. Patel | **76-79** |
| **22.** | [**Verify My Seat**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_22.pdf)  Authors: Nidhi Rohit Oza, Srushti Dange, Khusboo L. Singh, Pinal M. Hansora | **80-83** |
| **23.** | [**City Guidance**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_23.pdf)  Authors: Vini Ravindra Kopardekar, Rajshree Ashok Jawale, Urvi Prabhakar Talekar, Pragati Krishna Tiwari, Pinal M. Hansora | **84-87** |
| **24.** | [**Digital College**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_24.pdf)  Authors: Mohit Gond, Falguni Tambekar, Chiranjita Das, Pinal M. Hansora | **88-90** |
| **25.** | [**Intelligent Announcement & Bell System For Educational Institutes**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_25.pdf)  Authors: Sargam. M. Chauhan, Neel. A. Pardeshi , Raj. D. Pandey, Anuj. L. Yadav, Sanjeet Kumar Shriwastava | **91-95** |
| **26.** | [**Smart Service Technology for Hotel, Resort and Restaurant**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_26.pdf)  Authors: Apexa Patel, Zankruti Arya, Mayank Damania, Tushal Khunt | **96-98** |
| **27.** | [**Smart Remote Access and Tracking for Automobile**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_27.pdf)  Authors: Mehul Machhi, Nikita Patel, Ujjwal Shrivastava, Rinkesh Singh | **99-101** |
| **28.** | [**Journey of Lean Six Sigma: A Literature Review**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_28.pdf)  Authors: Sudhansu Das, Mudasir Khan, Rahul Mahto, Ravindra Yadav | **102-103** |
| **29.** | [**Study and Analysis of Boiler Waste Heat Recovery in Paper Mill**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_29.pdf)  Authors:Prof. Deven Patel, Bhandari Krupal, Patel Aniket, Patel Prit, Patel Sojal | **104-106** |
| **30.** | [**Improving the Efficiency of AFBC Boiler by Reducing Dry Flue Gas Losses**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_30.pdf)  Authors: Rajat Singh, Sushil Sonkhiya, Amit Yadav, Pintoo Singh | **107-109** |
| **31.** | [**To Increse the Efficiency of Low Capacity Petrol Engine by Electric Turbocharger**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_31.pdf)  Authors: Vishal Naik, Gaurang Patel, Mitesh Patel, Dhaval Patel, Meet Patel | **110-111** |
| **32.** | [**Study on Performance of Concrete Incorporating Copper Slag as Fine Aggregate and Recycled Aggregate as Coarse Aggregate**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_32.pdf)  Authors: Kishan Gupta, Mukesh Pagare, Jinal patel, Amit R. Chauhan, Saquib Shaikh | **112-114** |
| **33.** | [**Advancement in Asphalt Pavement Using Glass Grid Reinforcement**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_33.pdf)  Authors: Rahul Patel, Divyesh Mishra, Deepak Yadav, Rohit More, Rajesh Shah | **115-117** |
| **34.** | [**Analysis on Behavior of Plain Cement Concrete by Using Copper Wires**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_34.pdf)  Authors: Jain Shivika Dipendrakumar, Patel Roshni Pravin, Patel Vrushali Bharathbhai, Patel Yuktaben Jashvanthbhai, Sanjay kumar Damodar Rachcha | **118-120** |
| **35** | [**Comparative Study and Design of Different Types of Slab Systems Using ETABS, with Their Cost Estimation**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_35.pdf)  Authors: Abhishek A. Prasad, Naazeema Begum, Sharma M. Pushpa, Shivanand H. Yadav, Sanjay Rachcha | **121-124** |
| **36.** | [**Experimental Study on Strength of Concrete Using Super Absorbent Polymer**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_36.pdf)  Authors: Parvez Ansari, Avnit Dhodi, Mitesh Contractor, Shaikh Mohd Saquib, Amit R Chauhan | **125-127** |
| **37.** | [**Dynamic Analysis of Building on Plain Ground and Building on Sloping Ground**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_37.pdf)  Authors: Parth K. Patel, Shehul B. Patel, Sujit D. Bariya, Harnish S. Jaiswal, Saquib Shaikh | **128-131** |
| **38.** | [**Use of Plastic Waste in Concrete**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_38.pdf)  Authors: Bhavsar Mihir, Bhavsar Shivani Jiteshbhai, Baria Dhruvi Mukeshbhai, Patel Yamini Arvindbhai, Talekar Yachana Jayeshbhai | **132-135** |
| **39.** | [**A Survey on Make My Function**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_39.pdf)  Authors: Vaibhavi P Panchal, Hempriya B Patel, Jinal Koli, Raut Siba Ram | **136-140** |
| **40.** | [**Accident Tracker**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_40.pdf)  Authors: Akash Jaynath Yadav, Deepali Sanjay Choudhary, Prachi Prahladbhai Patel, Vrunda J. Patel | **141-144** |
| **41.** | [**A Survey on E-Charity**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_41.pdf)  Authors: Dipali J Patel, Drashti N Patel, Mitali M Patel, Asmita V Thodan, Bhavesh Kumar K Patel | **145-147** |
| **42.** | [**Automation of Shree TNB Polymers Ltd**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_42.pdf)  Authors: Santosh Kumar Niranjan Das, Daksh Deepak Raura, Irfan Asgarali Ansari, Dhaval H. Rangrej | **148-150** |
| **43.** | [**Automatic College / School Time Management System Using Fire Security, Water Sprinkler, Auto Gate, Exam Time**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_43.pdf)  Authors: Akash Patel, Srujax Patel, Vivek Ahir, Neel Tandel, Sita Singh | **151-154** |
| **44.** | [**GSM Based Electricity Cut off System for Residential Area**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_44.pdf)  Authors: Fenil Patel, Febin Babu, Purvesh Tandel, Biraja Prasad Das | **155-160** |
| **45.** | [**Transformer Protection Against over Voltage, over Current and Detection of Oil & Smoke**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_45.pdf)  Authors: Sachin Mangela, Bhumika Patel, Shubham Patel, Ashish Parmar, Hiren Patel | **161-164** |
| **46.** | [**Tree Shaped Wind Turbine for Renewable Power Generation**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_46.pdf)  Authors: Hiren Patel, Dharmesh Nakum, Prashant Kalugade, Ajay Kulkarni, Gaurav Patil, Minesh Badgujar | **165-168** |
| **47.** | [**Compressed Air Engine: A Review Study**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_47.pdf)  Authors: Brijesh Prajapati, Ankit Arya, Harshesh Patel, Bhuvin Patel, Parikshit Patel | **169-171** |
| **48.** | [**Experimental Investigation of Using Hydrogen Fuel in Four Stroke S.I Engine**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_48.pdf)  Authors: Rashesh Akbari, Kishan Gaywala, Kevin Mistry, Marmik Patel, Rakesh Chotalia | **172-174** |
| **49.** | [**Live-In Society**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_49.pdf)  Authors: Ashish A Jaiswal, Neel C Bhavsar, Darshika S Kathiriya, Neha Sharma | **175-178** |
| **50.** | [**Digital RTO with Automatic Toll Collection**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_50.pdf)  Authors: Kinjal Dalpat Patel, Vijayta Suman Patel, Rajani Rajesh Rai, Vrunda J Patel | **179-183** |
| **51.** | [**Automatic Power Factor Compensation for Industrial Power Used To Minimize Penalty**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_51.pdf)  Authors: Deepak Prajapati, Jeet Patel, Jigesh Khadik, Rahul Yadav, Hiren Patel | **184-187** |
| **52.** | [**Reduce Die Changeover Time in HCCP Using SMED Technique**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_52.pdf)  Authors: Darshan Kachhadiya, Bhautik Nakum, Deep Raut, Subal Saha | **188-190** |
| **53.** | [**The Bricks**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_53.pdf)  Authors: Kiran S Gandhi, Hiral Dubal, Sheetal R Patel, Siba Ram Raut | **191-192** |
| **54.** | [**Design Optimisation of Leaf Springs Used in Automobile Vehicle by Composite Materials and its Comparison with Conventional Materials by Use of FEA Analysis**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_54.pdf)  Authors: Rajat Singh, Sushil Sonkhiya, Amit Yadav, Pintoo Singh | **193-199** |
| **55.** | [**Development of Enabler Based Framework for Enhancing Sustainable Supply Chain Management Adoption in South Gujarat Textile Organization**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_55.pdf)  Authors: Jaivik Patel, Alok Choudhary, Ashish Patel | **200-205** |
| **56.** | [**Efficient Allocation of Resource Dynamic using Container**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_56.pdf)  Authors: Jitali Bhandari | **206-208** |
| **57.** | [**Improvement in Design of Single Screw Extruder Machine**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_57.pdf)  Authors: Viren Prajapati, Vicky Patel, Vibhav Patel, Parimal Solanki, Kevin Bhandari | **209-211** |
| **58.** | [**A Survey and Implementation of Tire Inflation System for Automobile**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_58.pdf)  Authors: Jaypal Patel, Mayank Patel | **212-214** |
| **59.** | [**Attention Allied Protocol for Disaster Application (AAPDA)**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_59.pdf)  Authors: Siddhi Desai, Vikhyat Rao, Subetharan M, Jay Nayak, Nishanki Bariya | **215-219** |
| **60.** | [**Design Optimisation of Leaf Springs used in Automobile Vehicle by Composite Materials and its Comparison with Conventional Materials by use of FEA Analysis**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_60.pdf)  Authors: Rajat Singh, Sushil Sonkhiya, Amit Yadav, Pintoo Singh | **220-227** |
| **61.** | [**ELECTRON: Efficient Leakage Controlled Transistor Level Approach for Subthreshold Current Reduction**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_61.pdf)  Author: Dr. R. Anjana | **228-233** |
| **62.** | [**Experimental Study on Strength of Concrete using Super Absorbent Polymer**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_62.pdf)  Authors: Parvez Ansari, Avnit Dhodi, Mitesh Contractor, Heeral Patel, Shaikh Mohd Saquib | **234-236** |
| **63.** | [**Martbotica - Supermarket of Future**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_63.pdf)  Authors: Mayank H. Prajapati, Sumit P. Kabiria, Mayank R. Prajapati, Vardan S. Patel, Suchita Sunil Borkar | **237-240** |
| **64.** | [**Multi-Cutter Grass Cutting Machine**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_64.pdf)  Authors: Patel Malav, Patel Meet, Patel Narendra, Patel Nirav | **241-244** |
| **65.** | [**To Apply Sustainable Manufacturing System in FRP Cooling Tower Body Manufacturing Industry**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_65.pdf)  Authors: Kuyyamudi Parth L, Patel Tushar B, Sukani Aditiya P, Waghela Ronit V, Ashish Patel | **215-247** |
| **66.** | [**Six Sigma in a Glass Processing Industry: A Case Study**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_66.pdf)  Authors: Rahul Mahto, Sudhansu Das, Ravindra Yadav, Mudasir Khan | **248-249** |
| **67.** | [**To Increse the Efficiency of Low Capacity Petrol Engine by Electric Turbocharger**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_67.pdf)  Authors: Vishal Naik, Gaurang Patel, Mitesh Patel, Dhaval Patel, Meet Patel | **250-251** |
| **68.** | [**Daman Municipal Council**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_68.pdf)  Authors: Dipansh Singh Manhas, Jangid Sneha Shivram, Dharti Yogeshbhai Raval, Niti Devang Thakar, Vrunda J. Patel | **252-253** |
| **69.** | [**Experiment on Thermoacoustic Refrigeration System Using Ammonia as a Refrigerant**](http://www.ijetae.com/files/Conference_LIT_2018/IJETAE_NCETET_2018_69.pdf)  Authors: Yash K. Bharti, Animesh R. Dodia, Jay S. Dudhadhari, Keval J. Patel, Ashish Patel, Hemant Patel | **254-259** |