

## **Paper Published by Faculties**

### **• Civil Departments:-**

1. Mr. Dhruvil A. Patel “Comparative study of base isolated structural system for different aspect ratio of height to plan dimension” IJSART, Volume 3 Issue 4-APRIL 2017, ISSN: 2395-1052, Page No.788-794.
2. Ms.Hiral M Purohit “Effect of Pre Water Added Fine Marble Waste As A Partial Replcement of Fine Aggregate on M20 And M30 Grade of Concrete” IJSART, Volume 3 Issue 4 –APRIL 2017, ISSN : 2395-1052,Page No.818-822.
3. Mitesh Patel “FEASIBILITY OF TIDAL TRAFFIC FLOW ON SHARKHEJ TO VASNA BUS STAND IN AHMEDABAD CITY” International Journal Of Applied Research In Science And Engineering, Volume 1, Issue 12, April-2017, ISSN: 2456-124X, Page No.538-545.
4. Mitesh Patel “Review on Feasibility of Tidal Traffic Flow on Helmet Cross Road to Stadium Cross Road” Inventi Rapid: Civil Engineering, Vol. 2017, Issue 2, Page No.1-7.
5. Rahul Panchal “ CHANGE ANALYSIS OF BANK LINE MIGRATION, EROSION AND SEDIMENTATION PATTERNS AT LOWER REACHES OF MAHI RIVER, GUJARAT USING REMOTE SENSING AND GIS” International Journal of Advance Engineering and Research Development (IJAERD),Volume 4, Issue 5, May -2017, e-ISSN (O): 2348-4470 p-ISSN (P): 2348-6406,Page No.303-306.

### **• Computer Departments:-**

1. PATEL JAIMINEE J “SURVEY ON META-LEARNING FROM LARGE ATTRIBUTED AND LARGE SAMPLED DATASETS USING META FEATURES” INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND APPLICATIONS IN ENGINEERING, TECHNOLOGY AND SCIENCES (IJ-ETA-ETS), December 2014, ISSN: 0974-3588,Page No. 403-406.

- 2.** PATEL JAIMINEE J “META-LEARNING FROM LARGE ATTRIBUTED AND LARGE SAMPLED DATASETS USING META FEATURES” International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 4, Issue. 5, May 2015, ISSN 2320–088X, page No.225 – 232.
- 3.** JUI KHAMAR “Customize Approach for Detection and Prevention of Unsolicited Call in VoIP Scenario: A Review” International Journal of Innovative Research in Computer and Communication Engineering, Vol. 2, Issue 11, November 2014, ISSN(Online): 2320-9801 ISSN (Print): 2320-9798, Page No.7065-7070
- 4.** JUI KHAMAR “A Novel Cost Effective Hybrid Cloud Approach for Secure Authorized De-duplication” Technix International Journal for Engineering Research (TIJER),ISSN 2349-9249,Page No.1-5.
- 5.** NIDHI JOSHI “A SURVEY PAPER OF DIFFERENT TECHNIQUES FOR PRIVACY PRESERVING DATA MINING” IJARIE, Vol-1 Issue-1-2015, ISSN(O)-2395-4396, Page No.1-5
- 6.** Rajesh Kumar “A Survey and Analysis of Media Keying Techniques in Session Initiation Protocol (SIP)” International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 2, Issue. 5, May 2013, ISSN 2320–088X, Page No.289 – 301.
- 7.** Sanket Patel “A RESEARCH ON SECURE ROUTING USING CLUSTER BASED KEY MANAGEMENT SYSTEM” IJARIE, Vol-2- Issue-3 2016, ISSN(O)-2395-4396, Page No. 1-6.
- 8.** Mr. Sanket S. Patel “Implementation of Classification Using Rule Pruning And Rule Ranking Method” IJCSC ,Volume 4 • Number 2 ,September 2013, ISSN-0973-7391, Page No..66-71
- 9.** Sanket Patel “ Survey on Privacy Preserving Updates for Anonymous and Confidential Databases” INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY (IJIRT), Volume 2 Issue 11- April 2016, ISSN: 2349-6002, Page No.1-4.
- 10.** Sanket Patel “A Review Paper on Cluster Based ANT Defense Mechanism Technique for Attack in MANET” International Journal for Scientific Research & Development ( IJSRD), Vol. 3, Issue 9, 2015, ISSN (online): 2321-0613, Page No.1122-1125.

- 11.** Sanket S. Patel “An Evolutionary Approach to Materialized View in Data Warehousing” PARIPEX - INDIAN JOURNAL OF RESEARCH, Volume : 1 -Issue : 6 -June 2012, ISSN - 2250-1991, Page No.54-57.
- 12.** Shilpa Serasiya “A SURVEY : PREDECTION & DETECTION OF DENGUE – MINING METHODS & TECHNIQUES” IJARIE, Vol-3 Issue-2 2017, ISSN(O)-2395-4396, Page No.48-52
- 13.** Shilpa Dhanji Serasiya “ASSOCIATION RULE BASED CLASSIFICATION” International Journal of Engineering and Social Science(IJESS), Volume 2, Issue 8 (August-2012), ISSN: 2249-9482, Page No.12-22
- 14.** Shilpa Serasiya “DATA MINING & GENE ANALYSIS TO IDENTIFY DENGUE ARBOVIRUS TO DETECT DISEASE” IJARIE, Vol-3 Issue-2 2017, ISSN(O)-2395-4396, Page No.5536-5547
- 15.** Prof. Shilpa Serasiya “Evolution of Web Design Using Interactive Genetic Algorithm” (IJARIE), Vol-3 Issue-2 2017, ISSN(O)-2395-4396, Page No.5034-5040.
- 16.** Shilpa Patel “ Comparative Sentimental Analysis of Indian Politics using Twitter Dataset” International Journal for Scientific Research & Development( IJSRD), Vol. 6, Issue 02, 2018, ISSN (online): 2321-0613, Page No.2979-2981.
- 17.** Shilpa Dhanjibhai Serasiya “Simulation of Various Classifications Results using WEKA” International Journal of Recent Technology and Engineering (IJRTE), Volume-1, Issue-3, August 2012, ISSN: 2277-3878, Page No.155-162.
- 18.** Ujas Patel “A New Approach for Web Services Composition” IJSRD, Page No1-8.
- 19.** Prof .Ujas Patel “ A Privacy Preserving Framework for Analyzing Auctioning Information in Cloud Computing” Journal of Emerging Technologies and Innovative Research (JETIR), August 2018, Volume 5, Issue 08, ISSN-2349-5162, Page No.284-290.
- 20.** Ujas S.Patel “ A Survey on An Advanced Approach For Motion Video Steganography Using LSB Technique” IJARIE, Vol-2 Issue-1 2016, ISSN(O)-2395-4396, Page No.1-7.

• **Electronics & Communication Departments:-**

1. Varsha K. Gohil “Design of Microstrip Patch Array for Gain Enhancement Using Paper Substrate” Journal of Advances and Scholarly Researches in Allied Education(JASRAE), Vol. 16, Issue No. 3, (Special Issue) March-2019, ISSN 2230-7540,Page No.248-252.

**1. Electrical Engineering Departments:-**

1. Prof. Kiran Patel “SIMULATION AND ANALYSIS OF DYNAMIC UPS WITH FLYWHEEL AND DIESEL ENGINE” International Journal For Technological Research In Engineering , July 17 , ISSN (Online): 2347 - 4718 ,Page No.25- 32.
2. Prof. Kiran Patel “REVIEW ON MODELING AND SIMULATION OF GRID CONNECTED SOLAR PHOTOVOLTAIC SYSTEM” International Journal For Technological Research In Engineering, Volume 3, Issue 9, May-2016, ISSN (Online): 2347 – 4718,Page No.1989-1992.
3. Prof. Kiran Patel “MATLAB MODELING AND SIMULATION OF GRID CONNECTED SOLAR PHOTOVOLTAIC SYSTEM WITH BOOST CONVERTER” International Journal For Technological Research In Engineering” Volume 3, Issue 9, May-2016, ISSN (Online): 2347 – 4718,Page No.2125-2130.
4. Prof. Kiran Patel “REVIEW OF POWER QUALITY ENHANCEMENT IN WEAK GRID USING UPQC DEVICE” International Journal For Technological Research In Engineering, Volume 5, Issue 8, April-2018, ISSN (Online): 2347 – 4718, Page No.3430-3439.
5. Kiran patel “A MODERN CONTROL TECHNOLOGY OF 1- $\phi$  A.C MACHINE USING D. C LINKIN AC-AC CONVERTER” Page No.1-6.
6. Kiran Amrutbhai Patel “Security Analysis of Electric Power System Operation - A Review” Page No.1-5.
7. Kiran Patel “ ARDUINO BASED SMART HOME AUTOMATION SYSTEM” March 16, 2017, Page No.1-5.

- 8.** Mihir K. Patel “ Analysis of Induction Motor Speed Control Using SCADA Based Drive Operated System” International Journal for Scientific Research & Development( IJSRD), Vol. 3, Issue 10, 2015, ISSN (online): 2321-0613, Page No.371-374.
- 9.** Mr. Mihir K. Patel “MATLAB Simulation of Solar PV & Concentrating Solar Power Plant (CSP) as a Renewable Energy Sources” Journal of Advances and Scholarly Researches in Allied Education(JASRAE), Vol. 16, Issue No. 3, March-2019, ISSN 2230-7540, Page No.22-27.
- 10.** Patel Mihir1“BASIC CONCEPTS AND VARIOUS TECHNIQUES OF HVDC CONVERTER FOR ADVANCE TRANSMISSION SYSTEM” International Journal For Technological Research In Engineering, Volume 1, Issue 7, March-2014 ISSN (Online): 2347 – 4718,Page No.398-411.
- 11.** Patel Mihir“ COMPARATIVE ANALYSIS OF SOLAR PV AND CONCENTRATING SOLAR POWER (CSP) PLANT”2018 IEEE International Conference on Emerging Trends in Engineering, Science and Technology, Page No.1-6.
- 12.** Mihir K. Patel “ MODELLING AND SIMULATION OF CSP PLANT AND ANALYSIS WITH GRID INTEGRATION” International Journal For Technological Research In Engineering, Volume 3, Issue 2, October-2015 ISSN (Online): 2347 – 4718,Page NO.303-310.
- 13.** Mihir K. Patel “ Grid Integration of Concentrating Solar Power Plant and Cost Analysis” International Journal of Innovative Research in Science,Engineering and Technology, Vol. 4, Issue 12, December 2015, ISSN(Online): 2319-8753,ISSN (Print): 2347-6710, Page No.12328-12334.
- 14.** Mihir K. Patel “ ROLE OF RENEWABLE ENERGY SOURCES IN POWER SYSTEM AND FUTURE ENERGY DEVELOPMENT” International Journal Of Applied Research In Science And Engineering, November 2016, ISSN (Online): 2456-124X, Page No.238-240.
- 15.** Mihir K. Patel “ COMPARISION OF PHOTOVOLTAIC (PV) AND CONCENTRATING SOLAR POWER PLANT (CSP) USING MODELLING & SIMULATION RESULTS” International Journal For Technological Research In Engineering, Volume 3, Issue 3, November-2015, ISSN (Online): 2347 – 4718, Page No.370-375.
- 16.** PAREVI M. GANDHI “INTEGRATION OF MICRO GRID WITH RENEWABLE ENERGY SOURCES” INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND APPLICATIONS IN ENGINEERING, TECHNOLOGY AND SCIENCES (IJ-ETA-ETS), December 2014, ISSN: 0974-3588,Page No.188-190.

17. Parevi M. Gandhi “ Control of Power Management Strategy of Hybrid Micro-Grid” Journal Club for Electrical Engineering (JCEE), V – 2, I – 1, 2015, ISSN No. : 2394 – 174X, Page No.1-4.
18. Parevi M. Gandhi “Integration of Micro Grid with Renewable Energy Sources”
19. Prof Vishal Thakkar “ SIMULATION AND ANALYSIS OF HARMONICS MITIGATION USING STATCOM INTEGRATED WITH SMES SYSTEM” International Journal For Technological Research In Engineering, Volume 5, Issue 8, April-2018, ISSN (Online): 2347 – 4718,Page No.3465-3471.
20. Vishal Thakkar “Contingency Analysis in Power System and Remedial Actions” International Journal for Scientific Research & Development, Vol. 3, Issue 03, 2015 ,ISSN (online): 2321-0613, Page No.821-827.
21. VISHAL THAKKAR “REVIEW ON CONTINGENCY ANALYSIS IN POWER SYSTEM AND IMPROVEMENT OF POWER SYSTEM SECURITY” INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND APPLICATIONS IN ENGINEERING, TECHNOLOGY AND SCIENCES (IJ-ETA-ETS), December 2014, ISSN: 0974-3588, Page No.184-187.
22. PROF.VISHAL THAKKAR “ OPTIMUM COORDINATION OF OVERCURRENT RELAYS:GA APPROACH”

### **Information Technology Department:-**

1. Ravindra Naik “Detecting and measuring code clone for similarity and evolving technique” Page No.1-8.
2. Kruti H. Patel “Implementing Digital Signature with RSA Encryption Algorithm to Enhance the Data Security of Cloud in Cloud Computing” International Journal for Scientific Research & Development (IJSRD), Vol. 4, Issue 01, 2016 ,ISSN (online): 2321-0613, Page No.543-548.
3. Mr. Mitesh Patel “Disaster Tolerance for IaaS Built Upon Open Cloud Platform” International Journal for Scientific Research & Development (IJSRD),Vol. 2, Issue 01, 2014, ISSN (online): 2321-0613,Page No.19-22.

4. Namrata H. Gohel “Optimal Resource utilization using Dynamic Load Balancing algorithm in Cloud Computing” IJARIE, Vol-2 Issue-5 2016, ISSN(O)-2395-4396, Page No.1420-1427.
5. Priyanka Ajaysinh “A Machine Learning Based Massive Health Care Data Analysis” IJARIE, Vol-3 Issue-2 2017, ISSN(O)-2395-4396,Page No.4817-4822.
6. Sandip.G.Patel “Improvement in Reverse AODV (RAODV) Routing Protocol in Mobile Ad Hoc Networks” International Journal for Scientific Research & Development (IJSRD), Vol. 2, Issue 01, 2014 | ISSN (online): 2321-0613,Page No.412-414.
7. Prof. Shraddha Patel “UDP based Data Transfer Protocol over Fast Long Distance Network” IJSART , Volume 1 Issue 4 –APRIL 2015, ISSN [ONLINE]: 2395-1052, Page No.149-155.

### **General Department:-**

1. Dipali N. Suthar “Optimal replenishment and shelf-space policy for freshness- stock dependent demand rate incorporating expiration date of the fresh product and price discount” Journal of Applied Science and Computations(JASC), Volume VI, Issue IV, April/2019, ISSN NO: 1076-5131,Page No.389-400.
2. Dipali N. Suthar “Optimal Replenishment and Shelf-Space Policy for Freshness, Promotional Effort and Stock Dependent Demand Rate Incorporating Expiration Date of Fresh Product” IOSR Journal of Engineering (IOSRJEN), Vol. 08, Issue 6 (June. 2018), ||V (VI) , ISSN (e): 2250-3021, ISSN (p): 2278-8719,Page No.83-93
3. Dipali N. Suthar “Pricing and inventory decisions for non instantaneous deteriorating items with price and promotional effort stochastic demand” Journal of Control and Decision, ISSN: 2330-7706 (Print) 2330-7714 (Online), Page No.1-25.
4. Manisha Prajapati “ Parsing for Indian Languages: A Literature Survey” International Journal of Computer Sciences and Engineering(IJSE),Vol.-6, Issue-8, Aug 2018, E-ISSN: 2347-2693,Page No.1009-1018.

5. Manisha Prajapati “PART OF SPEECH TAGGING USING STATISTICAL APPROACH FOR GUJRATI TEXT” International Journal Of Applied Research In Science And Engineering, 2017, ISSN (Online): 2456-124X,Page No.1-4.
6. Manisha Prajapati “POS Tagging of Gujarati Text using VITERBI and SVM” International Journal of Computer Applications,Volume 181 – No. 43, March 2019,Page No.32-35.

### **Mechanical Engineering Department:-**

1. Prof. Ashvin Suthar “Performance Analysis of Hybrid Photovoltaic Thermal (PV/T) Solar Collector by Varying PV Panel and Cooling of Glass Cover” Journal of Advances and Scholarly Researches in Allied Education, Vol. 16, Issue No. 3, (Special Issue) March-2019, ISSN 2230-7540,Page 7-14
2. Ashvin Suthar “Comparative Study for Heat Transfer Enhancement and Friction Characteristic of Solar Air Heater having Artificial Roughness Geometry” International Journal on Recent and Innovation Trends in Computing and Communication, Volume: 3 Issue: 5, ISSN: 2321-8169, 2883 – 2886,page No: 2883-2886.
3. DHRUV H. GAJJAR “Optimization of MRR, Surface Roughness and KERF Width in wire EDM Using Molybdenum Wire” International Journal for Research in Education(IJRE),Vol.-4-Issu-2,Feb-2015,ISSN (P)-2347-5412.ISSN(O)-2320-091X,Page No.9-17.
4. Digvijay V Jadeja “A Review On Parametric Optimization By Factorial Design Approach Of Mag-Co2 Welding Process” International Journal of Engineering Research and Applications, Vol. 3, Issue 2, ISSN: 2248-9622, March -April 2013,page No:420-424
5. Dhruv Gajjar “Review on MRR, Kerf Width and Surface Finish in WEDM Process” International Journal for Scientific Research & Development,| Vol. 2, Issue 11, 2015 ,ISSN (online): 2321-0613,Page No :343-346.
6. Harsh S. Mehta “Optimization of Laser Engraving using Fiber Laser on EN31 & SS304 Steel” International Journal for Scientific Research & Development, Vol. 4, Issue 03, 2016, ISSN (online): 2321-0613,Page no:1117-1119.



- 7.** PATEL JATINKUMAR H “COMPUTATIONAL STUDY ON AERODYNAMIC LOSSES OF LINEAR TURBINE CASCADE USING WIND TUNNEL” JOURNAL OF INFORMATION, KNOWLEDGE AND RESEARCH IN MECHANICAL ENGINEERING, VOLUME – 03, ISSUE – 02, NOV 14 TO OCT 15 , ISSN 0975 – 668X, Page no :625-630.
- 8.** Milind Dhamecha “ Optimization of Stationary Plate of Injection Moulding Machine” International Journal for Scientific Research & Development, Vol. 3, Issue 03, 2015, ISSN (online): 2321-0613, Page no:1944-1946.
- 9.** Paras R. Bhavsar, “Parametric Optimization of Wire Electric Discharge Machining of Stainless Steel 316 Using ANOVA” Technix International Journal for Engineering Research, ISSN 2349-9249, page no:1-10.
- 10.** Parth M. Parmar, & Prof. Ashish S. Patel “Comparative Study of Forming Limit Diagram for AISI 1020” International Journal for Scientific Research & Development, Vol. 3, Issue 03, 2015, ISSN (online): 2321-0613, Page No:2822-2825.
- 11.** Vinod B. Patel “Parametric analysis of Abrasives water jet machining of EN8 Material” Page no:1-4
- 12.** Prachi Prajapati & Digvijay Jadeja “Bearing Life Optimization of Taper Roller Bearing” International Journal for Scientific Research & Development, Vol. 2, Issue 07, 2014, ISSN (online): 2321-0613, page no:51-53.
- 13.** Pritesh Prajapati “Hybridization of filler wire in multi-pass gas metal arc welding of SA516 Gr70 carbon steel” Materials and Manufacturing Processes , ISSN: 1042-6914, 1532-2475, page no:1-9.
- 14.** Pratik Patel “REVIEWS ON DIFFERENT ENERGY ABSORBING MATERIALS FOR PERFORMANCE ANALYSIS OF SOLAR STILL” International Journal of Advance Engineering and Research Development, 2014, ISSN(P)-2348-6406, ISSN(O)-2348-4470, Page No.62-66.
- 15.** Pritesh Prajapati “Hybrid Approach of Flux-Cored Root Pass with Subsequent Pass of Metal-Cored or Solid Wire in Multi filler Gas Metal Arc Welding” Metallography, Microstructure,

and Analysis Application and Innovation for Metals, Alloys, and Engineered Materials, Volume-6, No-1, 30 Oct-2017, ISSN 2192-9262, Page No.1-10.

- 16.** PRITESH PRAJAPATI “Investigation on various welding consumables on properties of carbon steel material in gas metal arc welding under constant voltage mode” Indian Academy of Sciences, March 2017, Page No.1-11.
- 17.** Ronak Shah “A REVIEW ON BEARING DEFECTS ANALYSIS OF ROLLING ELEMENT BEARING USING VIBRATION ANALYSIS” IJSART - *Volume 5 Issue 2 –FEBRUARY 2019*, ISSN [ONLINE]: 2395-1052, Page No.881-884.
- 18.** Ronak Shah “THERMAL DESIGN OF COOLING TOWER” International journal of Advanced Engineering Research and Studies, E-ISSN No.2249-8974, Volume -1-Issue-III(April-June,2012), Page No.1-5.
- 19.** Ronak Shah “REVIEW OF THERMAL PERFORMANCE OF COOLING TOWER” National Conference on Advances in Engineering and Technology, Page No.1-5.
- 20.** Ronak Shah “DESIGN AND ANALYSIS OF SHUTTER IN INJECTION MOLDING MACHINE” Page No.1-6.
- 21.** Ashvin suthar “Design fabrication and performance of hybrid active PV/T double slope solar still” IJEDR, 2014, Volume 2, Issue 2 -ISSN: 2321-9939, Page No.2845-2851.
- 22.** Vinod B. Patel “An Experimental review of abrasive water jet machining on different metals” National Conference on Advances in Engineering And Technology (NCAET-2012), Page No.1-6.