

PUBLICATION DETAILS 2019-2020

CIVIL ENGINEERING

R.Chithra, K.Ramadevi, S.Chithra, Production of Medium Strength Self Compacting Concrete using Silica Fume and Quarry Dust, 2020-06-03, 2019-08, 8 & 6S.

C. Meiaraj, S.P. Jeyapriya, Marine water quality studies at Tuticorin harbour coastal area, 2020-06-03, 2019-06, 48 & 6.

C. Meiaraj, S.P. Jeyapriya, Comparative study of evapo-transpiration and rainfall analysis of Pollachi watershed in Coimbatore, Tamil Nadu, India, 2020-06-03, 2019-06, 48 & 6.

M Arunkumar, S Makesh Kumar, Experimental investigations on the effective utilisation of granite powder in self compacting concrete, 2020-06-03, 2019-12, 0.

Balamurugan, Performance of finned piles in contaminated sand under vertical and lateral loading, 2020-06-03, 2019-03, 4 & 0.

R.Chithra, K.Ramadevi, S.Chithra, R. Ravindranath Chandra, L.27.Mangaleshwaran, Production of Medium Strength Self Compacting Concrete using Silica Fume and Quarry Dust, 2020-06-02, 2019-08, 8 & 6S.

P. Mahakavi, R. Chithra, K. Kavitha, Effect of recycled coarse aggregate and foundry sand on the properties of self-compacting concrete, 2020-06-02, 2019-05, 71 & 9.

P. Mahakavi, R. Chithra, Impact resistance, microstructures and digital image processing on self-compacting concrete with hooked end and crimped steel fiber, 2020-06-02, 2019-07, 220 & 0.

P. Mahakavi, R. Chithra, Effect of recycled coarse aggregate and manufactured sand in self compacting concrete, 2020-06-02, 2019-06, 21 & 1.

S.Janani, R.Thenmozhi, L.S.Jayagopal, Theoretical Investigations for the Verification of Shear Centre and Deflection of Sigma Section by Back Propagation Neural Network Using Python, 2020-06-02, 2019-06, LXV & 2.

MECHANICAL ENGINEERING

S. Ayyappan, N. Vengatajalapathi, Experimental Study on Material Removal Rate and Over-Cut in Electrochemical Machining of Monel 400 Alloys with Coated Tools, Advances in Unconventional Machining and Composite, November 2019, ISBN: 978-981-32-9470-7 http://doi-org-443.webvpn.fjmu.edu.cn/10.1007/978-981-32-9471-4_21, 255-268.

M.Kalaimathi, G.Venkatachalam, M.Sivakumar, S.Ayyappan, Multi-response optimization of electrochemical machining process parameters by harmony search-desirability function (HS-

DF) optimizer, International Journal of Manufacturing Technology and Management, April 2020, 44 & 4, 331-348.

Aezhisai Vallavi M S, Sathish Kumar P, "Study of mechanical properties of Al 6063 Reinforced in ZrO₂ and Charcoal Hybrid Composite using Stir Casting Process", "International National Journal for Research in Applied Science & Engineering Technology", May-19, 10.22214/ijraset.2019.5635, Vol 7, No. 5, 3860-3869.

Aezhisai Vallavi M S, Arun Kumar M, "Analysis of Tool Wear in Hard Turning AISI 4340", "International Journal for Science and Advance Research in Technology", May-19, ISSN [Online]: 2395-1052, Vol 5, No. 5, 451-456.

N.Sridhar, Aezhisai Vallavi M S, Mugilan T, Sugumar D, "FEM based simulation Analysis of Turning Process by Deform 3D and Optimization of Machining Parameter on AL6061", "International Convention on Technology Convergence in Engineering, Energy and Sustainability", Jul-19, 181-185.

Mugilan T, Aezhisai Vallavi M S, Santhosh S, "Machining of Microholes in Ti-GAL-4V Alloy by Hybrid Micro-Electro Discharge Machining Process", "International Convention on Technology Convergence in Engineering, Energy and Sustainability", Jul-19, 186-192.

T Mugilan, Aezhisai Vallavi, S Santhosh, D Sugumar, S Christopher Ezhil Singh, Machining of microholes in Ti-6Al-4V by hybrid micro electrical discharge machining to improve process parameters and flushing properties, Bulletin of the Polish Academy of Sciences: Technical Sciences, 2020, DOI: 10.24425/bpasts.2020.133366, Vol 68, No. 3, 565-573.

Aezhisai Vallavi M S, Asir Moses, "Optimization of Material and Fiber Orientation of Laminated Composites", International Journal of Scientific Research in Engineering and Management (IJSREM), Jun-20, ISSN: 2582-3930, Vol 4, No 6, 001-004.

P. Baranitharan, K. Ramesh, and R. Sakthivel, Analytical Characterization of the Aegle marmelos Pyrolysis Products and Investigation on the Suitability of Bio-Oil as a Third Generation Bio-Fuel for C.I Engine, International, Journal, 8-1-2019, Vol38, Issue 4, Page 1-10.

R. Sakthivel, K. Ramesh, P. Mohamed Shameer & R. Purnachandran, A Complete Analytical Characterization of Products Obtained from Pyrolysis of Wood Barks of Calophyllum inophyllum, International, Journal, 8-1-2019, Vol10, Issue 8, Page 2319-2333.

R.Sakthivel, K.Ramesh, P.Mohamed Shameer & R.Purnachandran, Experimental investigation on improvement of storage stability of bio-oil derived from intermediate pyrolysis of Calophyllum inophyllum seed cake, International, Journal, 6/1/2019, Vol92, Issue3, Page 768-782.

Baranitharan Paramasivam & Ramesh Kasimani & Sakthivel Rajamohan, Experimental assessment and multi-response optimization of diesel engine performance and emission characteristics fuelled with Aegle marmelos seed cake pyrolysis oil-diesel blends using Grey relational analysis coupled principal component analysis, International, Journal, 1/1/2019, 26(7), Page 6980–7004.

K. Ramesh , P. Baranitharan , R. Sakthivel, Investigation of the stability on boring tool attached with double impact dampers using Taguchi based Grey analysis and cutting tool temperature investigation through FLUKE-Thermal imager, International, Journal, 1/1/2019, 131, Page 143–155.

P. Baranitharan , K. Ramesh, R. Sakthivel, Measurement of performance and emission distinctiveness of Aegle marmelos seed cake pyrolysis oil/diesel/TBHQ opus powered in a DI diesel engine using ANN and RSM, International, Journal, 5/1/2019, 144, Page 366–380.

P. Baranitharan , K. Ramesh , R. Sakthivel, Multi-attribute decision-making approach for Aegle marmelos pyrolysis process using TOPSIS and Grey Relational Analysis: Assessment of engine emissions through novel Infrared thermography, International, Journal, 6/1/2019, 234, Page 315 to 328.

Narayanan. S , Ramesh, and Sakthivel. R, Optimization of nozzle hole number for a diesel engine fueled with kapok methyl ester blend, International, Journal, 10/1/2019.

Baranitharan Paramasivam, Ramesh K. & Sakthivel R., Investigation and improvement on storage stability of pyrolysis oil obtained from Aegle marmelos de-oiled seed cake, International, Journal, 6/1/2019.

Vijaya Kumar Booramurthy, Ramesh Kasimani & Sivakumar Pandian, Biodiesel Production from Tannery Waste using a Nano Catalyst (Ferric-Manganese Doped Sulphated Zirconia), International, Journal, 7/1/2019, 12, Page 1 to 3.

Vishnu Priya M., Ramesh K., Sivakumar P., Balasubramanian R. & Anirbid Sircar, Kinetic and thermodynamic studies on the extraction of bio oil from Chlorella vulgaris and the subsequent biodiesel production, International, Journal, 1/1/2019, 206 & 3 , Page 409 to 418.

Paramaguru Venugopal.a, Ramesh Kasimani.b, Suresh Chinnasamy.c, Developing a Smart Fuel Using Artificial Neural Network for CI Engine Fuelled with Calophyllum Inophyllum Diesel Blend at Various Compression Ratio, International, Journal, 10/1/2019.

C. Suresh, K. Ramesh, R. Gowdham kumar, J. Kutraleeswaran, Numerical Simulation on Commercial Aircraft Wing to Enhance Aerodynamic Efficiency, International, Journal, 11/1/2019, 39 & 11, Page 173 to 183.

A.Venkatesh, K.Ramesh, Design of Static Mixer To Improve The Uniformity Index In Urea SCR System, International, Journal, 5/1/2019, 5 & 5 , Page 1002 to 1007.

K. Sankarganesh, K. Ramesh, Assessment and Influence of Double Impact Dampers in The Stability of Boring Tool, International, Journal, 5/1/2019, 5 & 5, Page 825-829.

Vijaya Kumar Booramurthy, Ramesh Kasimani & Sivakumar Pandian, Nano-sulfated zirconia catalyzed biodiesel production from tannery waste sheep fat, International, Journal, 2/1/2020, 27, Page 20598–20605.

Vijaya Kumar Booramurthy, Ramesh Kasimani ,DeepalakshmiSubramanian and SivakumarPandian, Production of biodiesel from tannery waste using a stable and recyclable nano-catalyst: An optimization and kinetic study, International, Journal, 1/1/2020, 260 ,Page 116373.

Paramaguru Venugopal.a, Ramesh Kasimani.b, Suresh Chinnasamy.c,Developing a smart fuel using artificial neural network for compression ignition engine fueled with Calophyllum inophyllum diesel blend at various compression ratio, International, Journal, 10/1/2019, e13356.

Nandhini.M,Dr.Ramesh.K, Numerical Analysis of Full Loop Model Circulating Fluidized Bed Combustion Boiler, International, Journal, 1/1/2020, Volume 6 Issue 1, Page 289-291.

Vishnu Priya Mookiah, Ramesh Kasimani, Sivakumar Pandian & Thirulogachandar Asokan, Study on the Effects of Initial pH, Temperature and Agitation Speed on Lipid Production by *Yarrowia lipolytica* and *Chlorella vulgaris* using Sago Wastewater as a Substrate, International, Journal, 8/1/2020, Vol 40, 2020, Page 692-703.

Nandakumar N, Muthukumar , “Experimental Investigation on Mechanical Properties of Quartz reinforced Aluminum alloy metal matrix composite as cast and heat treated”, International Organization of Scientific Research – Journal of Engineering, Sep-18, ISSN: 2278-8719, Vol. 8, Issue 9, Version 5, 07-13.

Nandakumar N, Arunkumar P, “Real-time Investigation of Induced Vibration for Optimizing Surface Roughness in Turning Process with Modified System” , International Journal for Research in Applied Science & Engineering Technology, Mar-19, ISSN : 2321-9653, Vol.7, Issue 3, 1006 – 1015.

Sundara Pandiyan D, Nandakumar N, Arunkumar P, “Effect of Higher Alcohols Addition on Performance and Emission Characteristics of Single Cylinder Diesel Engine by using Diesel/Waste Plastic Oil Blends”, International Journal for Research in Applied Science & Engineering Technology, Mar-19,ISSN : 2321-9653, Vol.7, Issue 3, 1165 – 1174.

Nandakumar N, Arunkumar P, “Simulation and Experimental Investigation on Engine Piston to Reduce Noise”, International Journal for Research in Applied Science & Engineering Technology, Mar-19, ISSN: 2321-9653, Vol.7, Issue 3, 79 – 85.

Nandakumar N, Vivek Masthiraj N, Mugilan T, “Experimental investigation to optimize machining parameters in hard turning of EN31 alloy steel using surface treated carbide inserts”,

Caribbean Journal of Science, (MAY - AUG) 2019, ISSN: 0008-6452, Vol. 53, ISSUE 2, 227-237.

Nandakumar N, “Design and Analysis of Fixture for Indexing and Machining the Steam Distribution Manifold”, International Journal of Research in Advent Technology, Mar-19, ISSN: 2321-9637, Vol.7, No.3, 970 – 976.

Nandakumar N, Sudharsan B, “Modelling And Structural Analysis of Shape Optimization In Disc Brake Rotor”, International Journal for Science and Advance Research in Technology, Feb-19, ISSN: 2395-1052, Vol.5, No.2,371 – 377.

Nandakumar N, Siva S, “Evaluation and Visualization of surface Defects on Automotive Body Panels by Root-Cause Methodology”, International Journal for Research in Applied Science & Engineering Technology, May 2019, ISSN: 2321 – 9653, Volume 7, Issue V,3210-3221.

Nandakumar N, Alaguraja J, “Investigation of Natural Frequencies through Modal Analysis in Kart Cross Off-Road Vehicle chassis”, International Journal for Science and Advance Research in Technology, Jan-19, ISSN:2395-1052, Volume 5, Issue1,335-341.

Arunprasad As, Periyasamy S, Sivakumar P, Sakthi Saravanan A & Anirbid Sircar, “Optimization and kinetic studies on biodieselproduction from microalgae (*Euglena sanguinea*) using calcium methoxide as catalyst”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Nov-18, ISSN: 1556-7036, Volume 41 Issue Number, 12 , 1497-1507.

N.Vivek Masthiraj, Dr.S.Periyasamy, “An Investigation on Aeroelasticity Effects in Unmanned Aerial Vehicle”, IJSART - , SEPTEMBER 2018, ISSN [ONLINE]: 2395-1052, Volume 4 Issue 9 ,274-277.

S. Ragul, S. Periyasamy, “Numerical Investigation on High PerformanceSupercritical Airfoil using Co-Flow Jet Control”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Dec-18, ISSN: 2321-9653, Volume 6 Issue 12, 915-927.

P. Sathish Kumar, S. Periyasamy, “Performance, Combustion and Emission Characteristics of a Diesel Engine Fuelled with the Annona Squamosa Seed Cake Pyrolysis Oil” , International Advanced Research Journal in Science, Engineering and Technology, May-19, ISSN (Online) 2383-8021, Vol. 6, Issue 5, 39-46.

B. Vibin, Dr. S. Periyasamy, “Cell Geometry Effect On The Vibration Behaviour of Sandwich Composite Structure”, International Journal of Research in Advent Technology, March 2019, E-ISSN: 2321-9637, Vol.7, No.3,109-1112.

A. Ramkumar, Dr. S. Periyasamy , M. Syed Easa Faizal, "Investigation of Mechanical Properties of Al-SiC Hybrid Composite using Squeeze Casting Process", International Journal for Research in Applied Science & Engineering Technology (IJRASET), May 2019, ISSN: 2321-9653; Volume 7 Issue V, 488-496.

S.Santhosh , S. Periyasamy, "Experimental Design For Single Degree Of Freedom Vibration System", International Journal of Research in Advent Technology, Apr-19, E-ISSN: 2321-9637, Vol.7, No.4, 401-405.

ELECTRICAL AND ELECTRONICS ENGINEERING

K.Amuthambigaiyin Sundari, Dr. P.Maruthupandi, Enhanced Genetic Fuzzy Based Algorithm for pid Switching, International Journal of Scientific and Technology, 30/03/2020, ISSN: 2277 – 8616, Research, Volume 9 & Issue 04,3681-3683.

S. Dhas Bensam, Dr. P.Maruthupandi , Compatibility of Electrical Generators for Harvesting Extended Power from Wind Energy Conversion System, Measurement and Control, 01/08/2019, ISSN : 0020-2940,volume 52 & Issue 9-10,1240-1251.

S. Dhas Bensam, Dr. P.Maruthupandi, Analogy of the Losses in Surface and Interior Permanent Magnet Synchronous WInd Turbine Generators, International Journal of Scientific and Technology Research, 01/12/2019, ISSN : 2277-8616, volume 8 & Issue no. 12, 2277-8616.

S.Madhavapandian, Dr. P.Maruthupandi ,System Level Protection against Side-Channel Attack using High Performance Virtual Secure Circuit for Cryptographic Processor, Wireless Personal Communications, 01/11/2019, ISSN :0929-6212.

S.Madhavapandian, Dr. P.Maruthupandi, FPGA implementation of highly scalable AES algorithm using modified mix column with gate replacement technique for security application in TCP/IP, Microprocessors and Microsystems, 01/03/2020, ISSN :0141-9331,Volume.73,Article No: 102972.

Senthil Murugan L, Dr. P.Maruthupandi, "Sensorless speed control of 6/4-pole switched reluctance motor with ANFIS and fuzzy-PID-based hybrid observer", Electrical Engineering, Springer, 01/01/2020, ISSN 0948-7921"Volume 102 & Issue no. 2",831-844.

Senthil Murugan L, Dr. P.Maruthupandi, Realization of fault tolerant capability in a multiphase SRM drive using wavelet transform, Microprocessors and Microsystems, 01/07/2020, ISSN :0141-9331,Volume 76 ,Article No: 103104.

S.Chitra, Power factor improvement and torque ripple reduction in BLDC motor, International Journal of Advance Research, Ideas and Innovations in Technology, Volume 5, Issue 1 , 11/07/1905,69-72.

S.Chitra, Coordination Control Of Microgrid Using Sliding Mode Controller, International Research Journal of Multidisciplinary Technovation, Volume 1, Issue 3 , 01/05/2019, 57-64.

S.Chitra, Load Forecasting Model For Energy Management System Using Elman Neural Network, International Research Journal of Multidisciplinary Technovation, Volume 1, Issue 3 , 01/05/2019, 48-56.

S.Chitra, Energy Management In Microgrid Using Modified Gravitational Search Algorithm, Iconic Research And Engineering Journals, Volume 2, Issue 10, 11/07/1905, 265- 273.

P. Venkatesh Kumar, R. Rajeswari, A recursive discrete Kalman filter for the generation of reference signal to UPQC with unbalanced and distorted supply conditions, International Journal of Modelling, Identification and Control (IJMIC), 01/01/2019, 1746-6172, Volume 31, Issue 1,Pages 39-52.

Veerapandiyan Veerasamy, Noor Izzri Abdul Wahab, Rajeswari Ramachandran, Mariammal Thirumeni, Chitra Subramanian, Mohammad Lutfi Othman and Hashim Hizam, High-impedance fault detection in medium-voltage distribution network using computational intelligence-based classifiers, Neural Computing and Applications, Springer, 01/08/2019, pp.9127-9143, vol.31,0941-0643.

Veerapandiyan Veerasamy, Noor Izzri Abdul Wahab, Rajeswari Ramachandran, Arangarajan Vinayagam, Mohammad Lutfi Othman, Hashim Hizam and Jeevitha Satheeshkumar, Automatic Load Frequency Control of a Multi-Area Dynamic Interconnected Power System Using a Hybrid PSO-GSA-Tuned PID Controller, Sustainability, 01/12/2019, 2071-1050, Vol.11, pp.1-20.

Rajeswari R, Sampathkumar S, An Automated Crop And Plant Disease Identification Scheme Using Cognitive Fuzzy C-Means Algorithm, Iete Journal of Research, 01/06/2019, 0377-2063, Volume 65 Issue 6.

Veerapandiyan Veerasamy, Noor Izzri Abdul Wahab, Rajeswari Ramachandran, Muhammad Mansoor, Mariammal Thirumeni and Mohammad Lutfi Othman, High Impedance Fault Detection in Medium Voltage Distribution Network Using Discrete Wavelet Transform and Adaptive Neuro-Fuzzy Inference System, Energies, MDPI, Open Access Journal, 01/11/2018, 1996-1073, Vol.11, pages 1-24.

Ranjith Dharmarajan, Rajeswari Ramachandran, PV Module Parameters Estimation Using Newton Raphson, International Research Journal Of Multidisciplinary Technovation, 01/03/2019, 2582-1040, Vol.1(2), pages:137-149 .

Ranjith Dharmarajan, Rajeswari Ramachandran, Estimation Of Pv Module Parameters Using Generalized Hopfield Neural Network, International Research Journal Of Multidisciplinary Technovation, 01/05/2019, 2582-1040, Vol.1(3), pages:16-27.

Kavi Priya.R, R.Rajeswari, Power System Stability Enhancement Using Power System Stabilizer With Fopid Controller, International Journal Of Science And Innovative Engineering & Technology, 01/05/2019,978-93-81288-18-4, Volume 4.

Kavi Priya.R, R.Rajeswari, Stability Enhancement using Power System Stabilizer with Optimization Algorithm based PID Controller, International Research Journal of Engineering and Technology, 01/05/2019, e-ISSN: 2395-0057,Volume: 06 Issue: 05 ,pages:1-7.

Jenitha.J, R.Rajeswari, Analysis of LVRT Control Strategy for GridConnected Photovoltaic Systems, International Journal for Trends in Engineering & Technology, 01/04/2019, 2349-9303,Vol.35, Issue:01,Page 5938-5942.

V.Prasanna Moorthy, Performance Comparison of Solar PV and PVT Systems, International Science and Innovative Engineering and Technology, 01/05/2019, ISBN 978-93-81288-18-4, Vol. 4, 141 – 147.

V.Prasanna Moorthy,Phase Shifted Full Bridge Converter with Hybrid Energy Storage for Electric Vehicles,International Research Journal of Engineering and Technology, 01/05/2019, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Vol. 6 Issue No. 5,pp. 7080 – 7084.

“J Rajakumar and Sujatha Balaraman “,Public assistance intensification of wind-integrated restructured endowment system using thyristor-controlled series compensator peerless location and gauging using the hybrid, The International Journal of Electrical Engineering & Education/,01/12/2019, DOI no.: 10.1177/00207209.19894203, published Online. Vol & Issue No. not yet allotted, 01—15.

P. Kumarasundari and Sujatha Balaraman, Voltage Profile and Loss Reduction Enhancement by Optimal Placement of Dg and Dstatcom In Distribution System, International Research Journal of Engineering and Technology (IRJET), 01/05/2019, e-ISSN: 2395-0056 p-ISSN: 2395-0072, Volume: 06 Issue: 05 | May 2019, “7148—7153 “.

Bharath Kumar Sugumar and Sujatha Balaraman, A Wavelet Based Differential Algorithm For Busbar Protection, International Research Journal of Multidisciplinary Technovation (IRJMT), Mar—2019, Vol 1, No. 5, May 2019, 28—39.

Bharath Kumar Sugumar and Sujatha Balaraman, Implementation of Differential Algorithm for Busbar Protection, International Research Journal Of Multidisciplinary Technovation (IRJMT), May—2019, Vol 1, No. 2, May 2019, May—2019.

Elavarasi S and Sujatha Balaraman, Implementation Of Modified H-Bridge Multilevel Inverter Topology For Solar Photovoltaic System, International Research Journal of Engineering and Technology (IRJET), 01/05/2019, e-ISSN: 2395-0056 p-ISSN: 2395-0072, Vol 6, No. 5, May 2020, 5585—5591.

ELECTRONICS AND COMMUNICATION ENGINEERING

Elakkiya B, Saraniya O, A comparative analysis of pretrained and transfer-learning model for automatic diagnosis of glaucoma, 2020-06-02, 2019-12, 11.

Sreeja G, Saraniya O, Image Fusion Through Deep Convolutional Neural Network, 2020-06-02, 2019-08, 1.

Bagavathi C, Saraniya O, Evolutionary Mapping Techniques for Systolic Computing System, 2020-06-02, 2018-05, 2.

P. Deepa, Jothilakshmi S, Image SR-based NLM and DCNN improved IBP, 2020-06-02, 2020-05, 4 & 2.

G. Suchitra, G. Durga Priyadarshini, Performance Analysis of a Convolutional encoder using Digital Modulation Technique, 2020-06-02, 2020-03, 11 & 1.

G. Thiruganam, Nanmaran, Mangaiyarkarasi, Wavelet packet transform-based medical image, 2020-06-02, 2020-04, 12 & 4.

G. Thiruganam, Bharathidasan B, Medical Image Fusion scheme using Wavelet Packet Transform and Averaging Fusion method, 2020-06-02, 2019-06, 9 & 6.

N. Ameena Bibi, Dr. C. Vasanthanayaki, Study on Haze Imaging Model and Image Restoration Schemes for Hazy Remote Sensing Images, 2020-06-02, 2019-06, 7 & 6.

V. Sathiyamoorthy, Improving the MRR of ECM using nano particles suspended electrolytes, 2020-06-02, 2019-02.

A. Sivakumar, Electrochemical machining of AISI 202 using mixed electrolytes, 2020-06-02, 2019-02.

PRODUCTION ENGINEERING

N. Ajaymanikandan, Dr. P. Ilamathi, A review on surface modification in friction stir welding technology and its challenge, 2020-06-11, 2019-05, 0.

M. Sankar Kumar, Dr. P. Ilamathi, A review on metal ceramic composite materials through various processes, 2020-06-11, 2019-05, 0.

S. Kumar, M. Sakthivel, S. Sudhagar, K. Nivethan, Two body abrasive wear characteristics of Al7068/Si3N4/BN hybrid composite, 2020-06-11, 2019-03, Volume 6 & 6.

Vivekanandan D, Sakthivel M, Srinivasa Moorthy S, Ajith Arul Daniel S, Fabrication and characterization of TiO₂ particulate filled agave Americana fiber reinforced polyester resin composites, 2020-06-11, 2019-11, Volume 48 & 6.

L. Selvarajan, R. Rajavel, B. Prakash, Dhanesh G. Mohan, S. Gopi, Investigation on spark electrical discharge machining of Si₃N₄ based advanced conductive ceramic composites, 2020-06-11, 2019-10, 0.

Mr.M.Sathish Kumar,Dr.S.Gopi, N. Sivashanmugam,A study on corrosion behavior of stainless steel dissimilar alloy weld joints (321 & 347),2020-06-11, 2020-02,0.

A.Sasikumar, Dr.S.Gopi, Mr.M.Sathish Kumar& Dr.L.Selvarajan, Predicting Tensile Strength of Filler Added Friction Stir Welded AA6082 and AA5052 Dissimilar Joint,2020-06-11,2020-01,0.

A.Sasikumar, Dr.S.Gopi & Dhanesh G ,Mohan,Effect of Magnesium and Chromium Fillers on the Microstructure and Tensile Strength of Friction Stir Welded Dissimilar Aluminium Alloys,2020-06-11,2019-05,Vol.6 & 8.

COMPUTER SCIENCE AND ENGINEERING

M Madan kumar L.Sumathi,Network based anomaly detection in IoT using autoencoders,2020-06-06,2019-05,0.

Miraclin Joyce Pamila J.C. Ramana Raghavi P,Secure and Efficient Smart Parking System in Vehicular Adhoc Networks,2020-06-06,2019-10,6 & 2.

Miraclin Joyce Pamila J.C. Surya Prabha Devi,Communication of Smart Vehicles Using Privacy Preserving Block chain – Based Incentive Announcement Network,2020-06-06,2019-06,6 & 2.

G Suriya Praba Devi, JC Miraclin Joyce Pamila,Accident Alert System Application Using a Privacy-Preserving Blockchain-Based Incentive Mechanism,2020-06-06,2019-06,0.

Archudha Arjunasamy, S. Rathi ,Relationship Based Heuristic for Selecting Friends in Social Internet of Things,2020-06-06, 2019-04,107 & 0.

Kavithanjali,V,Mrs.T.RajasenbagamDr.R.Shanmugalakshmi, Content Based Medical Image Retrieval For Diagnosing Lung Diseases Using Ct, 2020-06-06,2019-05,6 & 2.

N. Nandhini, R. Bhavani,Feature Extraction for Diseased Leaf Image Classification using Machine Learning,2020-06-06, 2020-06.

A Meena Kowshalya, Xiao-Zhi Gao, Valarmathi ML,Efficient service search among Social Internet of Things through construction of communities,2020-06-06, 2019-10,6.

A Meena Kowshalya, R Madhumathi, N Gopika,Correlation Based Feature Selection Algorithms for Varying Datasets of Different Dimensionality,2020-06-06, 2019-10,108 & 3.

CHEMISTRY

R.Ranagaraj,M. Anitha,Efficient congestion control routing in MANTS based on Optimized Queue utilization,2020-06-02,2019-04,16 & 4.

D. Anitha ,A.Ramadevi,R. Seetharaman ,Batch Removal of Pb (II) from Aqueous Solution using Activated Carbon Prepared from Mangosteen Shell Activated with H₂SO₄,2020-06-11,2019-05,47 & 3.

D. Anitha ,A.Ramadevi, R. Seetharaman ,Modified Mangosteen Shell in the Removal of Hg (II) from Aqueous Solution-Isotherm and Kinetic Studies,2020-06-11,2019-11,47 & 1.

D. Anitha,A.Ramadevi,Bicarbonate Treated Mangosteen Shell Carbon In Removal of Ni (II) From Aqueous Solution-Isotherm and Kinetic Studies,2020-06-11,2019-10,14&4.

V.Sathiyamoorthy,Improving the MRR of ECM using nano particles suspended electrolytes,2020-06-02, 2019-02.

A.Sivakumar,Electrochemical machining of AISI 202 using mixed electrolytes,2020-06-02, 2019-02.

A.Sivakumar, V.Sathiyamoorthy, M.Seenivasan,Investigation on the effects of copper nano fluid in Electrochemical machining HCHCr Die Steel,2020-06-02, 2019-02,53 & 1.

Kanthalakshmi S,Experimental validation of Model Predictive Control for Nonlinear System with Delay,2020-05-30,2019-06,19 & 3.