

MLR Institute of Technology, Hyderabad

Research Publications (1 January 2018 to 31 December 2018)

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| 1 | Mahender S., Siva Kumar E. | Study of Dual Biodiesel Fuelled LHR Diesel Engine Supported by Turbocharger System | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 2 | Phaneendra V., Sreekanth S. | Turbo jet engine nozzle design optimization to reduce noise | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 3 | Gupta M.S.N. | Preface | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 4 | Nagineni A., Deepika A.U. | Design and Analysis of Missile Nozzle | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 5 | Kumar A.S., Kumar T.S. | Air and Fuel Flow Interaction in Combustion for Various Injector Locations | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 6 | Shankar K.S., Ganesh M., Kumar K.S. | Combustion Chamber Analysis Using CFD for Operation Condition | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 7 | Sunny Manohar D., Krishnaraj J. | Modeling and Analysis of Exhaust Manifold using CFD | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 8 | Garre P., Sudheer P.V. | Optimization of Fuselage by Design and Analysis for Stress caused due to Pressure Loads | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |

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| 9 | Niharika B., Varma B.B. | Design and Analysis of Composite Rocket Motor Casing | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 10 | Gupta M.S., Venuprasad M. | CFD Analysis of Supersonic flow performance around a scramjet engines | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 11 | Khaleel M., Prashanth B. | Modelling and Analysis of SUKHOI FGFA and Introduction of composite materials to SUKHOI FGFA | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 12 | Venu Gopal L., Sai Krishna Reddy G. | Design and Development of Cantilever 3D Printer Model | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 13 | Shankar K.S., Ganesh M., Prashant P.S. | Static and Dynamic Analysis for a Swept Back Dihedral Wing and its Optimization | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 14 | Reddy S., Raju T. | Design and Development of mini plastic shredder machine | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 15 | Lakshmi K.S., Kumar J.R. | The Gas Flow Characteristics of A Helicopter Engine Exhaust Duct Using CFD Analysis | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 16 | Abhishek S., Goud B.N. | Compressor Design optimization for a High speed Jet engine | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 17 | Maddaiah K.C., Reddy Y.D. | Design and Analysis of Chain sprocket Using Reverse Engineering | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 18 | Subramanyam B., Praneeth U. | Design and Development of Fume Exhaust | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |

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| | | Device | | Engineering | | | | |
| 19 | Madhavi N., Saritha R. | Two bay crack arrest capability evaluation for metallic fuselage | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 20 | Surya Narayana K., Narasimha Rao M.V., Thirulogasundaram V.P. | Utilising Local Expertise in Supply Chain Management-Focus Factors for An Indian Aero Space (Civil Aviation) Manufacturing Company | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 21 | Sushma P. | Waste plastic oil as an alternative fuel for diesel engine - A Review | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 22 | Garre P., Harish A. | Autonomous Agricultural Pesticide Spraying UAV | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 23 | Kumar K.S., Kumar B.S., Sai Kumar A., Reddy N.M. | Enhancement of heat transfer in the double pipe heat exchanger using different twisted tapes | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 24 | Ravi B., Gupta M.S. | Design and Development of Automotive Carbon Fiber Bracket | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 25 | Prabhu Kishore N., Prabhu S. | Modeling and Stress Analysis of Pump Piping | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |

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|----|--------------------------------------|---|------|--|-----|---|--|--|
| 26 | Srinivas D., Madhu S. | Performance Analysis of Removal Rate of Material and Roughness of a Surface by Electric Discharge in Wirecut Machine on En-19a Material | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 27 | Garre P., Susmitha C. | Numerical simulation of gas turbine blade cooling | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 28 | Giridharan D., Rakham B. | Experimental Analysis of Fibre Metal Laminates | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 29 | Sai Krishna G., Reddy G.A. | Comparative CFD Analysis and Investigation of Automobile Radiator Using Nanofluids | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 30 | Sreelakshmi K., Jagadeeswar K.K.S.R. | Aerodynamic analysis over Unmanned Aerial Vehicle (UAV) using CFD | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 31 | Sawale A., Archana D., Seshank C. | Design and Analysis of Propeller | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 32 | Kalavagunta V., Hussain S. | Wing Rib Stress Analysis of DLR-F6 aircraft | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 33 | Gupta M.S., Jha E. | Review on Evaluation of properties of carbon phenolic composite structure using gas chromatography for analysis of thermal performance | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |

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|----|---|--|------|--|-----|---|--|--|
| 34 | Praveen L., Sandeep Kumar N. | Crash Analysis of a Composite Car Body | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 35 | Gupta M.S., Rao S.H. | Review on determination of Carbon Phenolic composite structure thickness under aero-thermal loading. | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 36 | Alekhya N., Manthena S. | Drag prediction on the conical and ogival shaped noses of aerodynamic bodies | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 37 | Ananda Rao G., Shashidhar Rao K. | Optimizing Bursting Effect of Submarine Pressure Hull under Radial Stresses | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 38 | Prem Kumar C.H., Madhu S. | Gesture Control Robot with Arduino | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 39 | Garre P., Rohan G. | Design and analysis of Al6063 T6 and glass fiber reinforced composite material | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 40 | Vimal R.K., Dhanjayan G. | Improving fatigue life of gas turbine fan blade using advanced composite materials | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 41 | Mishra N.K., Dash P.K., Yashwanth N. | Damage Monitoring of Single Lap Bonded Composite Using Acoustic Emission Technique | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |

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|----|--|---|------|--|-----|---|-----|-----|
| 42 | Karthikayan D.S., Karthikayan S., Madhankumar D., Kamalkumar P., Prasad Nidumolu E.C. | Current Research Trends and Innovations on Asbestos Free Brake Pad Materials in Automotive Vehicle Applications | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 43 | Subramanyam B., Vineeta T.V., Garre P., Nikhil Bharadwaj V.V.S., Shiva Shashank P. | Comparative Analysis of Additive Manufacturing over Conventional Manufacturing | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 44 | Bino Prince Raja D., Arvind S., Prashant Vinchure N., Ramanan G., Diju Samuel G. | Stress analysis of Al2014-T6 riveted splice joint fuselage structure using finite element analysis | 2018 | IOP Conference Series: Materials Science and Engineering | 455 | 1 | | |
| 45 | Bandi R., Anitha G. | Machine learning based oozie workflow for hive query schedule mechanism | 2018 | Proceedings of the International Conference on Smart Systems and Inventive Technology, ICSSIT 2018 | | | 513 | 517 |
| 46 | Nallathambi A., Shanmuganantham T., Sindhanaiselvi D. | Study and Analysis of MEMS Based Flowrate and Path Sensor System | 2018 | 2018 International Conference on Circuits and Systems in Digital Enterprise Technology, ICCSDET 2018 | | | | |
| 47 | Kanakadurga Devi P., Naidu V.G., Mamatha K., Naresh B. | One dimensional two phase problem | 2018 | Proceedings of the International Conference on Smart Systems and Inventive Technology, ICSSIT 2018 | | | 575 | 579 |
| 48 | Ram Mohan Rao P., Murali Krishna S., Siva Kumar A.P. | Privacy preservation techniques in big data analytics: a | 2018 | Journal of Big Data | 5 | 1 | | |

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|----|---|--|------|---|--|--|-----|-----|
| | | survey | | | | | | |
| 49 | Giri A.A., Suresh T. | An Approach of Secure Image Transmission Using Low Density Parity Check Codes | 2018 | Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018 | | | 970 | 973 |
| 50 | Chugh K.L., Alekhya N., Prabhu Kishore N., Shekar K. | Analysis of National Institutional Ranking Framework-Journey so far | 2018 | Proceedings of the 6th IEEE International Conference on MOOCS Innovation and Technology In Education, MITE 2018 | | | 115 | 119 |
| 51 | Ram Mohan Rao P., Chugh K.L., Sai Prasad K., Shekar K. | Impact of Active Learning in Engineering Education | 2018 | Proceedings of the 6th IEEE International Conference on MOOCS Innovation and Technology In Education, MITE 2018 | | | 107 | 114 |
| 52 | Alok G., Pothupogu S., Sampath Reddy M., Saipriya P., Radhika Devi V. | Trenchant Pathway to bring Innovation through Foundations to Product Design in Engineering Education | 2018 | Proceedings of the 6th IEEE International Conference on MOOCS Innovation and Technology In Education, MITE 2018 | | | 43 | 47 |
| 53 | Jagetiya A., Challa R.K., Prashanthi G. | MOOCs: Education for All-On Going Development in India | 2018 | Proceedings of the 6th IEEE International Conference on MOOCS Innovation and Technology In Education, MITE 2018 | | | 31 | 36 |

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|----|--|--|------|---|-----|---|-----|-----|
| 54 | Raj K., Sardar U.R., Bhargavi E., Devi I., Bhunia B., Tiwari O.N. | Advances in exopolysaccharides based bioremediation of heavy metals in soil and water: A critical review | 2018 | Carbohydrate Polymers | 199 | | 353 | 364 |
| 55 | Rao G.B., Kumar M.W., Sahu M., Rao G.A., Kumar N.M. | Usage of parallel manipulator for external chest compressions during cardiopulmonary resuscitation - An experimental study on feedback manikin | 2018 | International Journal of Mechanical Engineering and Technology | 9 | 9 | 990 | 998 |
| 56 | Suresh Kumar R., Shiva Prasad U., Satyasandeep C.H., Ganesh M. | Experimental aerodynamic analysis of delta wing using six component balance | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 4 | 467 | 474 |
| 57 | Swathi G., Snigdha M., Sravanthi G., Alekya B. | Cold flow analysis of flow over a ramjet engine | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 4 | 9 | 14 |
| 58 | Bara A.I., Kodavanla B., Niloufer, Ruth E., Satyanarayana Gupta M. | Natural frequency estimation for unsymmetric cross section of a typical cylindrical shell | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 4 | 45 | 54 |
| 59 | Kodavanla B., Barai A., Jaya E., Gouthami K., Madhavi N. | Fabrication of a unmanned air vehicle wing for better endurance | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 4 | 29 | 38 |

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|----|--|---|------|--|-----------|------|-----|-----|
| 60 | Hanuma P., Snigdha M., Swathi G., Alekya B. | Multi-dimensional flow analysis of goldberg falcon remote controlled aircraft wing | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 4 | 1 | 8 |
| 61 | K K.R., Mathi P., Prasad M.V.V.V., Botlagunta M., Ravi M., Ramachandran D. | De novo design of selective Sortase-A inhibitors: Synthesis, structural and in vitro characterization | 2018 | Chemical Data Collections | 15-16 | | 126 | 133 |
| 62 | Bridjesh P., Periyasamy Phd P., Krishnan P., Geetha N.K. | Selection of Optimum Blend of Waste Plastic Oil-Diesel Blends Adapting Combinatorial Mathematics Based Approach | 2018 | SAE Technical Papers | 2018-July | July | | |
| 63 | Chugh K.L., Ram Mohan Rao P. | Implementation of active learning strategies at MLR institute of technology, Hyderabad - A best practice | 2018 | Journal of Engineering Education Transformations | 32 | 1 | 79 | 84 |
| 64 | Sridhar B. | A Wavelet Based Watermarking in Video Using Layer Fusion Technique | 2018 | Pattern Recognition and Image Analysis | 28 | 3 | 537 | 545 |
| 65 | Santipriya N., Venkateswara Rao M., Arun V., Karthik R. | Real time detection of R-peak in QRS complex of ECG using microcontroller | 2018 | Indonesian Journal of Electrical Engineering and Computer Science | 11 | 1 | 372 | 376 |
| 66 | Marythraza M., Anitha D., Dash P.K., Ravi Kumar P. | Vibration analysis of honeycomb sandwich panel in spacecraft structure | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 3 | 849 | 860 |

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|----|--|---|------|--|---|---|-----|-----|
| 67 | Sai Priyanka K., Kodavanla B., Barai A., Madhavi N. | Thermo-mechanical analysis of high temperature insulating composites | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 3 | 915 | 920 |
| 68 | Devaraj S., Ravi Kumar P., Anitha D., Dash P.K. | Wing structural analysis using different fiber reinforced composites and hybrid composites | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 3 | 101 | 110 |
| 69 | Ragha Leena C.H., Ravi Kumar P., Anitha D., Dash P.K. | Experimental investigation on mechanical characterization of PAN carbon | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 3 | 235 | 246 |
| 70 | Sravanthi G., Swathi G., Leena C.H., Dash P.K. | Comparison of ablation resistance and thermal conductivity of C-Ph and CNT composite laminates | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 3 | 169 | 174 |
| 71 | Rathan Babu A., Vijay Kumar P., Praveen B., Suresh Kumar R. | Comparision of lifiting re-entry and ballisitc re-entry | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 3 | 111 | 116 |
| 72 | Babitha K., Dadapeer A.B.S., Venkata Ramana G., Reddy V.M.N. | Finite element method analysis of thickness of plates | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 3 | 835 | 840 |
| 73 | Mahesh Kumar T., Ravi Kumar P., Muarali Krishna K.V., Dash P.K. | Design and analysis of cavitating propeller | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 3 | 351 | 364 |

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|----|--|--|------|--|--|--|------|------|
| 74 | Kalyani T., Ajmera S., Leela Krishna D., Vineeth Reddy G., Sowmya S., Bharghavi V. | Energy efficient sun synchronous solar panels | 2018 | Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018 | | | 245 | 247 |
| 75 | Pimpalshende A., Mahajan A.R. | Test model for stop word removal of devnagari text documents based on finite automata | 2018 | IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017 | | | 672 | 674 |
| 76 | Rama B., Mishra J. | Creation and reveal of 3d fractals as actual time image representation | 2018 | 2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017 | | | 1813 | 1817 |
| 77 | Anjaneyulu P., Jampaiah Y., Karthik R., Vijetha T. | Air writing recognition modeling and recognition of characters, words and connecting motions | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1112 | 1115 |
| 78 | Gouse S., Nirosha K., Sri B.D. | Design and implementation of Bluetooth home automation | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1022 | 1025 |
| 79 | Reddy T.D., Chugh K.L., Karthik R. | Course outcome assessment tool for objective questions | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1116 | 1119 |
| 80 | Suresh N., Babu K.H., Prasad S.V.S. | Flood level estimating system | 2018 | Proceedings of the International Conference on Intelligent | | | 1173 | 1177 |

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|----|---|---|------|--|--|--|------|------|
| | | | | Sustainable Systems, ICISS 2017 | | | | |
| 81 | Haribabu P., Kassa S.R., Nagaraju J., Karthik R., Shirisha N., Anila M. | Implementation of an smart waste management system using IoT | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1155 | 1156 |
| 82 | Jyothi K., Pardhu T., Karthik R., Arulananth T.S. | Design methodology to check the quality of the image in a mobile environment - State of the art | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1138 | 1140 |
| 83 | Sri B.D., Nirosha K., Gouse S. | Design and implementation of smart movable road divider using IOT | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1145 | 1148 |
| 84 | Chugh K.L., Reddy T.D., Karthik R., Arulananth T.S. | Blended learning using E-shikshak | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1129 | 1130 |
| 85 | Anila M., Sirisha N., Karthik R. | Software reliability models - A comparative study | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1152 | 1154 |
| 86 | Annapurna B., Haribabu P., Karthik R., Vucha M. | Sensor lighting system using microcontroller in energy conservation | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1131 | 1133 |

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|----|---|---|------|--|--|--|------|------|
| 87 | Arun V., Reddy D.L., Srinivas S. | Encryption standards for security system in energy harvesting for IoT requirements - Review | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1224 | 1227 |
| 88 | Baswa M., Karthik R., Natarajan P.B., Jyothi K., Annapurna B. | Patient health management system using e-health monitoring architecture | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1120 | 1124 |
| 89 | Jyothi G.D., Navya K. | Design and implementation of a store management system | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1149 | 1151 |
| 90 | Lakshmanachari S., Srihari C., Sudhakar A., Nalajala P. | Design and implementation of cloud based patient health care monitoring systems using IoT | 2018 | 2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017 | | | 3713 | 3717 |
| 91 | Archana K., Reddy P.B., Govardhan A. | To enhance the security for ATM with the help of sensor and controllers | 2018 | 2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017 | | | 1012 | 1015 |
| 92 | Rao K.N., Aran V., Karthik R., Reddy A.K. | An antenna design in gap waveguide using CST | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1125 | 1128 |
| 93 | Reddy D.L., Aran V., Paramkusam A.V., Nagaraju N. | Wireless sensor networks algorithms to improve energy efficiency: Review | 2018 | Proceedings of the International Conference on Intelligent | | | 1164 | 1166 |

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|-----|---|---|------|--|-----|----|------|------|
| | | | | Sustainable Systems, ICISS 2017 | | | | |
| 94 | Ajmera S., Vucha M., Kokkula A. | High speed architecture for orthogonal code convolution | 2018 | Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017 | | | 1157 | 1163 |
| 95 | Srikrishnan S., Dash P.K., Jayakumar V. | Evaluation of critical blockage ratio and pulse length in a pulse detonation engine using CFD and MATLAB | 2018 | MATEC Web of Conferences | 172 | | | |
| 96 | Raj K.K., Sowjanya K., Pardhasaradhi M., Ramachandran D. | In vitro antibacterial and in silico evaluation of indole based molecules as staphylococcus aureus sortase a inhibitors | 2018 | Research Journal of Chemistry and Environment | 22 | 6 | 72 | 79 |
| 97 | Sreenivasa Reddy M., Siridhara A.L., Nagamani U. | Design of sensors for adaptive solar panels | 2018 | ARNP Journal of Engineering and Applied Sciences | 13 | 10 | 3556 | 3558 |
| 98 | Subashini M.M., Das S., Heble S., Raj U., Karthik R. | Internet of things based wireless plant sensor for smart farming | 2018 | Indonesian Journal of Electrical Engineering and Computer Science | 10 | 2 | 456 | 468 |
| 99 | Bridjesh P., Periyasamy P., Krishna Chaitanya A.V., Geetha N.K. | MEA and DEE as additives on diesel engine using waste plastic oil diesel blends | 2018 | Sustainable Environment Research | 28 | 3 | 142 | 147 |
| 100 | Prabhu Kishore N., Bridjesh P., Alekhya N. | Performance analysis of diesel engine using hazel nut biodiesel with antioxidants | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 2 | 857 | 864 |

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|-----|---|---|------|---|---|---|------|------|
| 101 | Krishnam Raju V.V., Seshagiri Rao G.V.R., Suryaprakash | Low speed impact test of heavy duty bumper | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 2 | 1249 | 1256 |
| 102 | Sravanthi G., Ravi Kumar P., Anitha D., Dash P.K. | Experimental determination of buckling strength of stiffened panels | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 2 | 1171 | 1180 |
| 103 | Anitha D., Ravi Kumar P., Mary Thraza M., Sawale A. | Analysis of composite orthogonal grid stiffened flat panel | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 2 | 65 | 74 |
| 104 | Mahesh Kumar T., Ravi Kumar P., Anitha D., Praveen B. | Experimental investigation and analysis of a mechanical and thermal properties of hybrid polymer composite plates | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 2 | 53 | 64 |
| 105 | Dash P.K., Mary Thraza M., Babithakodavanla | Modelling and simulation of effect of component stiffness on dynamic behaviour of printed circuit board | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 2 | 307 | 314 |
| 106 | Subramanyam B., Chandra Mohana Reddy G., Bridjesh P., Deepak K., Reddy V.M. | Effect of emulsifier on performance and emission characteristics of diesel engine using palm biodiesel | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 2 | 1243 | 1248 |

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|-----|--|---|------|--|-----|---|-----|-----|
| 107 | Sontu U.B., G N.R., Chou F.C., M V.R.R. | Temperature dependent and applied field strength dependent magnetic study of cobalt nickel ferrite nano particles: Synthesized by an environmentally benign method | 2018 | Journal of Magnetism and Magnetic Materials | 452 | | 398 | 406 |
| 108 | Venugopal L., Prasad N.E.C., Geeta Krishna P., Praveen L. | Simulation studies on Tube End Expansion of AA2014 Alloy Tubes | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 109 | Ashok Reddy K. | Entropy Generation Analysis through Helical Coil Heat Exchanger in an Agitated Vessel | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 110 | Praveen L., Geeta Krishna P., Venugopal L., Prasad N.E.C. | Effects of pulse on and off time and electrode types on the material removal rate and tool wear rate of the Ti-6Al-4V Alloy using EDM machining with reverse polarity | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 111 | Ashok Reddy K., Hanmanthu B. | Performance Analysis of Water Based Copper Oxide Nano Fluids in Heat Exchanger with Twisted Insert | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 112 | Bhargavi G., Nageswara Rao P., Renganathan S. | Review on the Extraction Methods of Crude oil from all Generation Biofuels in last few Decades | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |

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|-----|--|--|------|--|-----|---|--|--|
| 113 | Bhargavi G., Nageswara Rao P., Renganathan S. | Production of Biodiesel from Thespesiapopulnea seed oil through rapid in situ transesterification - An optimization study and assay of fuel properties | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 114 | Veera Raghavalu K., Govindha Rasu N. | Review on Applications of NanoFluids used in Vapour Compression Refrigeration System for Cop Enhancement | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 115 | Gunturu B., Palukuri N.R., Sahadevan R. | Decolorisation of Basic Textile Dye from Aqueous Solutions using a Biosorbent derived from Thespesia populnea used Biomass | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 116 | Bhargavi G., Venu V., Renganathan S. | Microbial fuel cells: Recent developments in design and materials | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 117 | Sharath Babu K., Venkata Brammam J., Baby Rani C.H. | Computational process to study the wave propagation in a non-linear medium by quasi- linearization | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 118 | Vijay Kumar S., Cheepu M., Venkateswarlu D., Asohan P., Senthil Kumar V. | Modelling of End Milling of AA6061-TiCp Metal Matrix Composite | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |

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|-----|--|---|------|---|-----|---|--|--|
| 119 | Venkateswarlu D., Cheepu M., Kranthi Kumar B., Mahapatra M.M. | Analysing the Friction Stir Welded Joints of AA2219 Al-Cu Alloy in Different Heat- Treated-State | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 120 | Ravi Kumar K., Nikhil Varma P., Jagadeesh N., Sandeep J.V., Cheepu M., Venkateswarlu D., Srinivas B. | Evaluation of Solar Air Heater Performance with Artificial Rib Roughness over the Absorber Plate using Finite Element Modelling Analysis | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 121 | Vijay Kumar S., Cheepu M., Venkateswarlu D., Asohan P., Senthil Kumar V. | Modelling of End Milling of AA6061- TiCp Metal Matrix Composite | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 122 | Karna S., Cheepu M., Venkateswarulu D., Srikanth V. | Recent Developments and Research Progress on Friction Stir Welding of Titanium Alloys: An Overview | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 123 | Krishnaja D., Cheepu M., Venkateswarlu D. | A Review of Research Progress on Dissimilar Laser Weld-Brazing of Automotive Applications | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 124 | Ravi Kumar K., Cheepu M., Srinivas B., Venkateswarlu D., Pramod Kumar G., Shiva A. | Analyses and Comparison of Solar Air Heater with Various Rib Roughness using Computational Fluid Dynamics (CFD) | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |

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|-----|--|--|------|--|-----|---|------|------|
| 125 | Avula D., Devuri V., Cheepu M., Dwivedi D.K. | Tensile Properties of Friction Stir Welded Joints of AA 2024-T6 Alloy at Different Welding Speeds | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 126 | Cheepu M., Srinivas B., Abhishek N., Ramachandraiah T., Karna S., Venkateswarlu D., Alapati S., Che W.S. | Dissimilar Joining of Stainless Steel and 5083 Aluminum Alloy Sheets by Gas Tungsten Arc Welding-Brazing Process | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 127 | Prathipati R.P., Devuri V., Cheepu M., Gudimetla K., Kiran R.U. | Machining of AISI D2 Tool Steel with Multiple Hole Electrodes by EDM Process | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 128 | Shiva A., Cheepu M., Kantumuchu V.C., Ravi Kumar K., Venkateswarlu D., Srinivas B., Jerome S. | Microstructure Characterization of Al-TiC Surface Composite Fabricated by Friction Stir Processing | 2018 | IOP Conference Series: Materials Science and Engineering | 330 | 1 | | |
| 129 | Gogula S., Kumari K.H.V., Karthik R. | An approach to detect bone tumor using segmentation technique | 2018 | International Journal of Pharmaceutical Research | 10 | 2 | 231 | 234 |
| 130 | Karthik R., Tetali D.R., Vijaya Kumari K.H.V., Gogula S.V. | Design and development of an automated assistance intelligent programmed tool for medical diagnosis (AAMD) | 2018 | International Journal of Pharmaceutical Research | 10 | 2 | 227 | 230 |
| 131 | Susritha C., BalaSubramanyam N., Arulananth T.S., Karthik R. | Enhance Peak to Average Power Ratio (PAPR) in OFDM systems using partial transmit sequence | 2018 | ARPN Journal of Engineering and Applied Sciences | 13 | 8 | 2983 | 2986 |

| | | | | | | | | |
|-----|--|---|------|---|----|---|------|------|
| 132 | Feyissa F., Ravi Kumar D., Rao P.N. | Characterization of Microstructure, Mechanical Properties and Formability of Cryorolled AA5083 Alloy Sheets | 2018 | Journal of Materials Engineering and Performance | 27 | 4 | 1614 | 1627 |
| 133 | Nallagonda S., Roy S.D., Kundu S., Ferrari G., Raheli R. | Censoring-Based Cooperative Spectrum Sensing with Improved Energy Detectors and Multiple Antennas in Fading Channels | 2018 | IEEE Transactions on Aerospace and Electronic Systems | 54 | 2 | 537 | 553 |
| 134 | Subrahmanyeswara Rao B. | A fuzzy fusion approach for modified contrast enhancement based image forensics against attacks | 2018 | Multimedia Tools and Applications | 77 | 5 | 5241 | 5261 |
| 135 | Aruna Manjusha K., Naresh B., Arulananth T.S. | A new architecture of modified booth recorder for add multiply operator using carry save adder | 2018 | ARPN Journal of Engineering and Applied Sciences | 13 | 6 | 2153 | 2156 |
| 136 | Mounika M., Murali K. | Development of low calcium fly-ash based geopolymer concrete using marble powder | 2018 | International Journal of Civil Engineering and Technology | 9 | 3 | 815 | 823 |
| 137 | Kassa S.R., Nagaria R.K., Karthik R. | Energy efficient neoteric design of a 3-input Majority Gate with its implementation and physical proof in Quantum dot Cellular Automata | 2018 | Nano Communication Networks | 15 | | 28 | 40 |

| | | | | | | | | |
|-----|--|--|------|--|-----|---|------|------|
| 138 | Ranjeeth M., Anuradha S., Nallagonda S. | Correction to: Performance Analysis of Cooperative Spectrum Sensing Network Using Optimization Technique in Different Fading Channels (Wireless Personal Communications, (2017), 97, 2, (2887- 2909), 10.1007/s11277-017- 4640-2) | 2018 | Wireless Personal Communications | 99 | 1 | 595 | |
| 139 | Panneer Muthuselvam I., Sankar R., Narsinga Rao G., Karna S.K., Chou F.C. | Ferromagnetic nature in low-dimensional S = 1 antiferromagnetic Li ₂ Ni(WO ₄) ₂ nanoparticles | 2018 | Journal of Magnetism and Magnetic Materials | 449 | | 83 | 87 |
| 140 | Uday Deepika A., Veeranjaneyulu K. | Buckling analysis of stiffened panel for aircraft fuselage | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 1299 | 1308 |
| 141 | Veeranjaneyulu K., Uday Deepika A. | Design and fabrication of black box ejection system for a civil transport aircraft | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 1317 | 1326 |
| 142 | Alekhya N., Prabhu Kishore N. | Application of ARCS model and motivational design in engineering subjects – a case study | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 27 | 34 |

| | | | | | | | | |
|-----|--|---|------|--|---|---|-----|-----|
| 143 | Sreelakshmi K., Niharika B. | Design and analysis of mini-UAV | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 1 | 8 |
| 144 | Sura S., Sawala A. | Stress analysis of high speed four bar mechanism | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 127 | 132 |
| 145 | Sawale A., Khaleel M. | Design and manufacturing of missile long shell component by CNC turn-mill centre | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 75 | 82 |
| 146 | Sai Kumar A., Ganesh M. | Evaluation of effect of shape and length of spike on aerodynamics performance of supersonic axi- symmetric bodies | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 133 | 144 |
| 147 | Ganesh M., Sai Kumar A. | Design of airship for aerial surveillance and communication using knowledge based engineering | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 17 | 26 |
| 148 | Chinna Maddaiah K., Anuradha N., Subramanyam B., Deepak K., Mahidar Reddy V. | Transient analysis of wind turbine blades | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 119 | 126 |

| | | | | | | | | |
|-----|--|--|------|---|------------------|---|-----|-----|
| 149 | Anuradha N., Subramanyam B., Chinna Maddaiah K., Deepak K., Mahidar Reddy V. | Fatigue analysis of pulley, by using finite element analysis | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 101 | 104 |
| 150 | Subramanyam B., Chinna Maddaiah K., Anuradha N., Deepak K., Mahidar Reddy V. | Thermostroctural analysis of structural plates | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 93 | 100 |
| 151 | Madhuravani B., Murthy D. | A novel secure authentication approach for wireless communication using chaotic maps | 2018 | Proceedings - International Conference on Trends in Electronics and Informatics, ICEI 2017 | 2018- January | | 360 | 363 |
| 152 | Shankar K.S., Mishra N.K. | Stress analysis on commercial aircraft window bleed (Tiny) hole | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 327 | 332 |
| 153 | Sura S., Sawala A. | Stress analysis of high speed four bar mechanism | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 195 | 200 |
| 154 | Madhavi N., Sreelakshmi K., Atchyutuni S. | Buckling analysis of stiffened composite panels for different ply orientations | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 745 | 752 |
| 155 | Venugopal L. | Design and modeling studies of tube end expansion using response surface methodology | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 173 | 180 |

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|-----|---|---|------|--|----|---|------|------|
| 156 | Niharika B., Madhavi N., Sai Krishna M. | Structural analysis on composite laminate with different orientation | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 551 | 556 |
| 157 | Rama B., Mishra J. | Developing fractals using iterated function systems | 2018 | ARNP Journal of Engineering and Applied Sciences | 13 | 4 | 1402 | 1409 |
| 158 | Kanth U., Sandeep C.S., Prasad U.S., Suresh Kumar R., Sivakumar E. | Comparison of wall temperatures on scramjet inlets at hypersonic velocities | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 127 | 132 |
| 159 | Khaleel M., Alka S., Shilpa M. | Model and analysis of desktop wind tunnel | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 513 | 520 |
| 160 | Srinu T., Girish S., Monica T., Dhanraj B. | Numerical simulation on flow past four circular cylinders in diamond and square arrangement | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 307 | 318 |
| 161 | Kalavapalli S.R., Ravi Kanth T.N., Reddy K.R.S. | Modal and harmonic analysis of a cantilver beam with differrent cross-sections | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 333 | 338 |
| 162 | Ashok Kumar M., Deepak K., Moorthy C.V.K.N.S.N., Subramanyam B. | Influence of fiber orientation on the properties of composites | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 487 | 494 |

| | | | | | | | | |
|-----|---|---|------|---|------------------|---|------|------|
| 163 | Ravi Kumar P., Dasmohapatra S., Mahesh Kumar T., Praveen B. | Fluid-structure interaction analysis on horizontal wind turbine blade | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 283 | 298 |
| 164 | Ananda Rao G., Chandra Mohana Reddy G., Sunny Raj Kumar G., Labesh Kumar C., Anil Kumar V. | Multi response objective optimization of friction stir welding parameters of dissimilar metals of aa 6061 aluminum and is319 brass joining through taguchi's method | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 429 | 436 |
| 165 | Devireddy K., Devuri V., Cheepu M., Kranthi Kumar B. | Analysis of the influence of friction stir processing on gas tungsten arc welding of 2024 aluminum alloy weld zone | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 1 | 243 | 252 |
| 166 | Krishna V., Umar S., Ramesh O., Yogender Nath N. | Protecting invulnerability and security for wireless sensor networks to save data | 2018 | Journal of Theoretical and Applied Information Technology | 96 | 1 | 239 | 246 |
| 167 | Subbarayadu Y., Geetha G., Deepika N.M., Umar S. | VANET for leveraging for caching network content distribution | 2018 | Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017 | 2018- January | | 1348 | 1355 |
| 168 | Prasad S.V.S. | Double block zero padding acquisition algorithm for GPS software receiver | 2018 | Journal of Automation, Mobile Robotics and Intelligent Systems | 12 | 4 | 58 | 63 |

| | | | | | | | | |
|-----|---|--|------|--|------|---------------|------|------|
| 169 | Arulananth T.S., Praveen Sagar S., Anusha B. | VLSI design of an area & time efficient design of overloaded CDMA architecture using han carlson adder | 2018 | International Journal of Innovative Technology and Exploring Engineering | 8 | 2S | 170 | 175 |
| 170 | Sridhar B. | A wavelet based watermarking approach in concatenated square block image for high security | 2018 | Journal of Automation, Mobile Robotics and Intelligent Systems | 12 | 3 | 68 | 72 |
| 171 | Radhika Devi V. | Paradigm shift in teaching methodologies - Improved knowledge of faculty and students | 2018 | Journal of Engineering Education Transformations | 2018 | Special Issue | | |
| 172 | Arul Dalton G., Prabhakar Reddy G., Sai Prasad K. | Fuzzy logics associated with neural networks in intelligent control for better world | 2018 | International Journal of Reasoning-based Intelligent Systems | 10 | 03-Apr | 322 | 327 |
| 173 | Karthik R., Manjusha K.A. | Metal insulator metal capacitors-state of the art | 2018 | Journal of Computational and Theoretical Nanoscience | 15 | 06-Jul | 2346 | 2349 |
| 174 | Amarendra Reddy P., Ramesh O. | Elite sequence mining of big data using Hadoop Mapreduce | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 19 | 23 |
| 175 | Arulananth T.S., Satheesh R., Bhaskara Reddy P. | Performance evaluation of frame based adaptive compressed sensing and Non-Adaptive Compressed Sensing based on average frame signal to noise ratio | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 202 | 205 |

| | | | | | | | | |
|-----|---|--|------|---|----|------------------|------|------|
| 176 | Chandra Babu D.V.S., Prasad S.V.S., Gidigupati Y. | Design of an efficient online examination system using IoT | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 11 Special Issue | 78 | 81 |
| 177 | Fairooz S.K., Bharathi H., Prasad S.V.S. | Voice controlled home automation system by using raspberry pi | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 5 Special Issue | 1338 | 1343 |
| 178 | Rama B., Sai Prasad K., Sultana A., Shekar K. | A geographical factor of interest recommended strategies in location based social networks | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 32 | 35 |
| 179 | Kiran Kumar G., Amarnath Reddy E., Mamatha B., Manisha K. | Access policy's over encrypted cloud storage for secure deduplication | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 27 | 31 |
| 180 | Amarnath Reddy E., Srinuvasa Reddy M., Manisha K., Mamatha B. | Secure online data sharing in cloud by private transmit cryptosystem using aggregate keys | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 36 | 40 |
| 181 | Sowmya G., Divya Jyothi G., Shirisha N., Navya K. | Active learning strategies in engineering education | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1253 | 1258 |
| 182 | Vijaya Kumari K.H., Gogula S.V., Karthik R. | Scalar vs vector color image processing: An analysis | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1320 | 1325 |
| 183 | Bandi R., Gouse S., Anitha G. | Secured communication using modified Needham Schroeder Protocol | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1315 | 1319 |
| 184 | Vijetha T., Karthik R. | Design and simulation of a new reconfigurable antenna with meandered line structure | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1222 | 1224 |

| | | | | | | | | |
|-----|---|--|------|--|----|--------------------|------|------|
| 185 | Naresh Kumar D., Arun V., Ravinder T., Nagarjuna T. | A novel approach for image integrity protection on FPGA | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1238 | 1241 |
| 186 | Gouse S., Subair R., Madhuravani B. | MAA access control over cloud server using AAC scheme in cloud computing | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 5 Special Issue | 781 | 789 |
| 187 | Bharathi H., Durga Sowjanya K., Vucha M. | Interfacing of GPS and GPRS modules to the beagleboard for driver assistance system | 2018 | Journal of Engineering and Applied Sciences | 13 | 10 | 3402 | 3410 |
| 188 | Navya K., Shirisha N., Soumya G., Divya Jyothi G. | Design and implementation of an android application for management of event | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 226 | 228 |
| 189 | Annapurna B., Haribabu P., Prasad S.V.S. | Wireless robot for military applications using ARM7 (LPC2148) | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 5 | 328 | 331 |
| 190 | Nishanth Rao K., Vasudheva Reddy N., Paramkusam A.V. | A novel throughput and packet delay analysis of control scheme based on a Markov chain model in Dense IEEE 802.11 WLAN | 2018 | Journal of Engineering and Applied Sciences | 13 | 7 | 1649 | 1653 |
| 191 | Bharathi H., Chandra Sekhar P., Prasad S.V.S. | Patient health monitoring system using raspberry PI and IoT | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 | 765 | 770 |
| 192 | Siridhara A.L., Reddy M.S. | Study of typical signal in a Global Positioning System's receiver | 2018 | Journal of Engineering and Applied Sciences | 13 | 6 | 1523 | 1525 |
| 193 | Haribabu K., Prasad S.V.S., Satish Kumar M. | An IOT based smart home automation using LabVIEW | 2018 | Journal of Engineering and Applied Sciences | 13 | 6 | 1421 | 1424 |

| | | | | | | | | |
|-----|--|---|------|---|----|-----------------|------|------|
| 194 | Chilumuri U., Haribabu K., Prasad S.V.S. | A performance evaluation of CDMA/MIMO communication system using permutation spreading | 2018 | Journal of Engineering and Applied Sciences | 13 | 6 | 1526 | 1530 |
| 195 | Prabhakar Reddy G., Sai Prasad K., Chandra Shekar Reddy N., Karthik R. | Privacy preserving and data publishing using tuple grouping algorithm | 2018 | Journal of Engineering and Applied Sciences | 13 | 4 | 930 | 933 |
| 196 | Madhuravani B., Umar S., Gouse S., Deepthi N. | Notification of data congestion intimation [NDCI] for IEEE 802.11 adhoc network with power save mode | 2018 | Smart Innovation, Systems and Technologies | 84 | | 183 | 189 |
| 197 | Kodavanla B., Govardhan D., Durga Madhav G.S., Satyanarayana Gupta M. | Studies on the strength of carbon/epoxy-glass/ epoxy hybrid laminated lap joints | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 4 | 667 | 676 |
| 198 | Shravan Kumar G., Nishanth Rao K., Srikanth B. | Monitoring of relative humidity in soil using labVIEW | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 8 | 1640 | 1644 |
| 199 | Ellappan S., Bridjesh P., Suresh | Impact of thermal barrier coating on operating characteristics of diesel engine fueled by waste plastic oil | 2018 | Journal of the Balkan Tribological Association | 24 | 4 | 870 | 886 |
| 200 | Ram Mohan Rao P., Kiran Kumar G., Lakshmi L., Surya Prabha I. | Interfacing relational data to HDFS | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1061 | 1066 |

| | | | | | | | | |
|-----|---|--|------|---|------|---------------|------|------|
| 201 | Madhu S., Reddy G.P. | Innovations in teaching methodologies to improve the results of core subjects at the first year level: A study under autonomous scheme | 2018 | Journal of Engineering Education Transformations | 2018 | Special Issue | | |
| 202 | Jayanthi A., Ramu G., Pushpa Rani K. | A review on personalized medicine technique using cognitive computing | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 3423 | 3425 |
| 203 | Madura V.K., Kodavanla B., Srinivasa Rao P., Madhavi V. | Design and experimental study of semi active system of mr damper for vibration control | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 5 | 125 | 132 |
| 204 | Labesh Kumar C., Vanaja T., Mahender Reddy M. | Optimization of parametres for weldability strength – An experimental design approach | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 8 | 5 | 241 | 248 |
| 205 | Bopparathi N., Rambabu S., ArunaManjusha K. | Implementation of electronic voting system using aadhaar | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 2352 | 2355 |
| 206 | Kumar R.A., Sobharani, Reddy S.N., Prasanna Y. | A study on techniques of facial recognition and IOT cam vulnerabilities: A survey | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 73 | 77 |
| 207 | Jairam Naik K., Veda Vidhya B. | A group tasks scheduling algorithm for cloud computing networks based on QoS | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 53 | 59 |

| | | | | | | | | |
|-----|--|--|------|--|----|---------------------|------|------|
| 208 | Dugyala R., Hanuman Reddy N., Raghuram G., Lakshminarayana J. | Decentralized secure online digital data registrations | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 42 | 44 |
| 209 | Shobarani, Velagandula A., Kumar R.A., Anandkumar B. | Travel data sequence from multi-source recommendation system | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 82 | 85 |
| 210 | Haribabu K., Umasankar C., Prasad S.V.S., Khalandar Basha D. | An unmanned soldier assistance vehicle with autonomous path tracking | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 8 Special Issue | 1661 | 1664 |
| 211 | Vasudhevarreddy N., Haribabu K., Prasad S.V.S., Khalandar Basha D. | A novel image cryptography using nearest prime pixel algorithm | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 8 Special Issue | 1665 | 1670 |
| 212 | Umasankar C., Rawoof M.A., Prasad S.V.S., Khalandar Basha D. | Intelligent agribot for seed sowing and fertilizer distribution using labview | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 8 Special Issue | 1657 | 1660 |
| 213 | Rawoof M.A., Vasudhevarreddy N., Prasad S.V.S., Khalandar Basha D. | Highly effective vertical wind turbine using labVIEW | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 8 Special Issue | 1653 | 1656 |
| 214 | Chinna Rao B., Madhavilatha M. | An image denoising framework using DT- CWT and fuzzy based decision algorithm for shrinking | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 8 Special Issue | 1645 | 1652 |
| 215 | Prasad S.V.S., Satya Savithri T. | Object based land cover & land-use change detection using SVM: A case study of Visakhapatnam, India | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 11 Special Issue | 71 | 77 |

| | | | | | | | | |
|-----|--|---|------|---|-----------|-----------------|------|------|
| 216 | Karthikayan S., Gomathinayakam S. | Combustion and Emission Behaviour Study of Non-Edible Vegetable Biofuel as Sole Fuel in Diesel Engine | 2018 | SAE Technical Papers | 2018-July | | | |
| 217 | Bandi R., Amudhavel J., Karthik R. | Machine learning with PySpark – Review | 2018 | Indonesian Journal of Electrical Engineering and Computer Science | 12 | 1 | 102 | 106 |
| 218 | Sirisha N., Kiran K.V.D., Karthik R. | Hadoop security challenges and its solution using KNOX | 2018 | Indonesian Journal of Electrical Engineering and Computer Science | 12 | 1 | 107 | 116 |
| 219 | Jyothi K., Anitha G., Padmaja B. | Design and implementation of voice alert based notification android app | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1242 | 1244 |
| 220 | Arun V., Naresh Kumar D., Ravinder T., Karthik R., Kassa S.R., Nagarjuna T. | An implementation of high-speed digital reconfigurable FIR filter using low power carry look ahead adder-review | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1217 | 1221 |
| 221 | Nirosha K., Durga Sri B., Gouse S., Laxmi S. | Detection of image classifiers using CNN in machine learning | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 5 Special Issue | 127 | 134 |
| 222 | Durga Sri B., Nirosha K., Gouse S., Laxmi S. | Speech control of home appliances using IOT application | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 5 Special Issue | 174 | 179 |
| 223 | Karthik R., Tetali D.R., Gogula S.V., Manisha G. | Enhancement of disciples cognition levels using bloom's taxonomy in data mining | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1225 | 1237 |
| 224 | Sirisha N., Kiran K. | Authorization of data in Hadoop using Apache Sentry | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 234 | 236 |

| | | | | | | | | |
|-----|--|--|------|--|-----|---|-----|-----|
| 225 | Bandi R., Amudhavel J. | Object recognition using Keras with backend tensor flow | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 229 | 233 |
| 226 | Sowmya G., Jyothi G.D., Shirisha N., Navya K., Padmaja B. | lot based Smart Door lock system | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 223 | 225 |
| 227 | Anitha G., Jyothi K., Valli G.S., Karthik R., Padmaja B. | Analyzing geographical events map reduce | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 237 | 239 |
| 228 | Chugh K.L., Rao P.R.M., Karthik R., Prabha I.S. | Strategic approach to succeed in national institutional rankings framework-India rankings 2019 | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 5 | 341 | 346 |
| 229 | Prashanthi V., Kanakala S. | Comprehensive data analysis of aarogyasri scheme progress in Telangana | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 7 | 421 | 434 |
| 230 | Kavati I., Kiran Kumar G., Srinivas Rao K. | Fast fingerprint retrieval using minutiae neighbor structure | 2018 | Advances in Intelligent Systems and Computing | 705 | | 187 | 194 |
| 231 | Lakshmi L., Bhaskara Reddy P., Shoba Bindu C. | Dynamic navigation of query results based on hash-based indexing using improved distance pagerank algorithm | 2018 | Advances in Intelligent Systems and Computing | 668 | | 213 | 221 |
| 232 | Khalandar Basha D., Reddy S., Aruna Manjusha K. | 2D Symmetric16x8 SRAM with reset | 2018 | Journal of Engineering and Applied Sciences | 13 | 1 | 58 | 63 |

| | | | | | | | | |
|-----|--|---|------|---|----|---|-----|-----|
| 233 | Reddy T.A., Murali K., Chekravarty D., Sagar P.A. | Analysis and economical design of transmission line towers of different configurations subjected to wind load | 2018 | International Journal of Civil Engineering and Technology | 9 | 1 | 388 | 397 |
| 234 | Jayakrishna T., Murali K., Satish P., Seetunya J. | Seismic analysis of regular and irregular multi-storey buildings by using staad-pro | 2018 | International Journal of Civil Engineering and Technology | 9 | 1 | 431 | 439 |
| 235 | Ganesan S., Karthikayan S., Krishna G.S., Reddy G.V.R. | Investigation on performance and emission characteristics of diesel engine with the blends of rosemary oil with Magnesium oxide | 2018 | ARNP Journal of Engineering and Applied Sciences | 13 | 1 | 386 | 390 |
| 236 | SeethaRamulu B., Balaji H., Suman B. | Attribute based access control scheme in cloud storage system | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 33 | 35 |
| 237 | Aluvalu R., Chennam K., Jabbar M.A., Ahamed S.S. | Risk aware access control model for trust based collaborative organizations in cloud | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 49 | 52 |
| 238 | Jabbar M.A., Samreen S., Aluvalu R., Kiran Reddy K. | Cyber physical systems for smart cities development | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 36 | 38 |
| 239 | Suresh Kumar B., Venkateswara Reddy H., Viswanadha Raju S., Vijay Kanth G. | Data labeling method based on cluster similarity using rough entropy for categorical data clustering | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 68 | 72 |

| | | | | | | | | |
|-----|---|---|------|---|-----------|-----------------|------|------|
| 240 | Prasada Reddy G.S., Rama Rao P., Harish V., Teegala N. | R-language based analytics system for monitoring railway disasters | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 63 | 67 |
| 241 | Gujjunoori S., Oruganti M., Aparna N., Srija M., Dangare C. | Tracking and size estimation of objects in motion based on median of localized thresholding | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 78 | 81 |
| 242 | Karthikayan S., Gomathinayakam S., Dhandapani M. | Recent Trends in Energy Conversion Using Thermoelectric Generators: Techniques and Methods | 2018 | SAE Technical Papers | 2018-July | | | |
| 243 | Arunamanjusha K., Kalyani T., Naresh B., Nagaraju N. | Analyzing the stress levels of a patient using heart beat and pulse rate sensor by arduino interface with CRO | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 15 | 17 |
| 244 | Kanakadurga Devi P., Naidu V.G., Koneru S.R. | Finite difference method for one-dimensional stefan problem | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 Special Issue | 1245 | 1252 |
| 245 | Sai Prasad K., Chandra Sekhar Reddy N., Rama B., Soujanya A., Ganesh D. | Analyzing and predicting academic performance of students using data mining techniques | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 7 Special Issue | 259 | 266 |
| 246 | Kiran Kumar G., Kavati I., Srinivas Rao K., Cheruku R. | Spatial co-location pattern mining using delaunay triangulation | 2018 | Advances in Intelligent Systems and Computing | 705 | | 95 | 102 |
| 247 | Lakshmi L., Bhaskara Reddy P., Shoba Bindu C. | SLOLAR: Scalable listwise online learning algorithm for ranking | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 3 | 755 | 764 |

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|-----|--|--|------|---|----|----|------|------|
| 248 | Sai P.P., Murali K., Kumar G.S., Teja K.V. | Study on properties of natural fibre reinforced concrete made with coconut shells and coir fibre | 2018 | International Journal of Civil Engineering and Technology | 9 | 1 | 416 | 422 |
| 249 | Umar S., Gayathri P., Anil C., Priya N., Srikanth R. | Design of rivalize and software development to convert RDB to RDF | 2018 | Smart Innovation, Systems and Technologies | 77 | | 255 | 263 |
| 250 | Ramana A.V., Rao A.S., Shanmukhi M., Madhuravani B. | Utilizing data mining for appealing the frequent – Item sets | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 10 | 401 | 409 |
| 251 | Suresh Goud J., Murthy P.R.B., Reddy C.A., Madhusudhan Reddy K. | Common fixed point theorems in 2-metric spaces using composition of mappings via A-contractions | 2018 | Trends in Mathematics | | | 103 | 110 |
| 252 | Pushpa Rani K., Roja G., Sabitha C., Dhana Lakshmi B., Sreeja S. | A new approach for converse binary tree traversals | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 3354 | 3356 |
| 253 | Roja G., Pushpa Rani K., Sabitha C., Dhanalaxmi B., Sreeja S. | IOT based novel session payment system | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 3418 | 3422 |
| 254 | Kuchipudi R., Qyser A.A.M., Balaram V.V.S.S.S., Manusha Reddy A. | Energy efficient key distribution for wireless sensor networks | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 45 | 48 |
| 255 | Bhanu Prasad A., Sambasiva Rao N., Subba Rao K., Lakshmi B. | Comparative study on modern approaches of recommender system | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 60 | 62 |

| | | | | | | | | |
|-----|--|---|------|--|----|---|-----|-----|
| 256 | Kumar A., Jain P., Ali J., Kumar S., John Samuel Babu G. | A lightweight buyer- seller watermarking protocol based on time-stamping and composite signal representation | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 4 | 39 | 41 |
| 257 | Laxma Reddy D., Arulanth T.S., Nehru K., Nagaraju N., Ramesh Reddy G. | Intelligent vehicular system with speed limit | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 20 | 23 |
| 258 | Yakaiah P., Nishanth Rao K., Prasad S.V.S., Ramesh Reddy G., Raveendranadh B., Nagarjuna T. | A navel analysis of GNSS for monitoring the position of trains | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 24 | 26 |
| 259 | Devi P.K., Naidu V.G., Mamatha K., Naresh B. | Free and moving boundary problems of heat and mass transfer | 2018 | International Journal of Engineering and Technology(UAE) | 7 | 3 | 18 | 19 |
| 260 | Shanmukhi M., Venkata Ramana A., Sreenivasa Rao A., Madhuravani B., Chandra Sekhar Reddy N. | Big data: Query processing | 2018 | Journal of Advanced Research in Dynamical and Control Systems | 10 | 7 | 244 | 250 |
| 261 | Murali K., Meena T., Srikrishna C.T., Sai P.P. | An experimental study on factors influencing the compressive strength of geopolymers mortar | 2018 | International Journal of Civil Engineering and Technology | 9 | 1 | 608 | 616 |
| 262 | Umar S., Priya N., Gayathri P., Subba Reddy T., Abdul A.M. | Design of jitter spectral shaping as robust with various oversampling techniques in OFDM | 2018 | Smart Innovation, Systems and Technologies | 77 | | 641 | 647 |

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|-----|--|--|------|---|------|---|-----|-----|
| 263 | Basha D.K., Reddy A.P., Raju R., Reddy G.S. | Gated body-biased full adder | 2018 | Materials Today: Proceedings | 5 | 1 | 673 | 679 |
| 264 | Bino Prince Raja D., Samuel G.D., Swetha S.N., Ramanan G., Ramachandran M. | The performance improvement analysis of rotor induced vibrations in helicopter structure | 2018 | International Journal of Mechanical and Production Engineering Research and Development | 2018 | | 87 | 92 |