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**Details of International/National journal Papers published by the Faculty**

**Department of Mechanical Engineering Academic Year: 2018-19**

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| **S. No.** | **Name of the Faculty with Designation** | **Title of the Paper & Page No. (from \_ to\_)** | **Volume No.**  **Issue No. & ISSN/ISBN No.** | **Name of the Journal** | **Year and Month of the Journal** | **Scopus Indexed (yes/no)** | **Journal type** | | **Paper enclosed**  **Soft & Hard Copy**  **(Yes or No)** |
| **National** | **International** |
| 1.  2. | Dr.Murali Naik  HoD/Associate Professor | Experimental study on heat transfer through angular composite fins(784-789) | Volume -5  Issue no -6  ISSN: 2395-1052 | International Journal of Science and Research Technology | June 2019 | NO | --- | International | Yes |
| Experimental study on four stroke diesel engine using bio diesel and its blends (812-816) | Volume -5  Issue no -6  ISSN: 2395-1052 | International Journal of Science and Research Technology | June 2019 | NO | ---- | International | Yes |
| 3.  4. | Dr.R. Jothimurugan  Professor | Effect of mass and size of the Additives in performance of EDM of 400TM(690-693) | Volume No. 5  Issues No. 6  ISSN: 2395-1052 | International Journal of Science and Research Technology | June 2019 | No | ---- | International | Yes |
| Enhancing performance measures in EDM of Model 400TM using mixture of dielectric fluids(180-185) | Volume No. 1(6)  ISSN 2581-5865 | International Research Journal of Automotive Technology | 27 November 2018 | No | --- | International | Yes |
| 5. | Dr.S.Jaya Krishna  Professor  Mr.B.Harish Raj  Assistant Professor  Mr.B. Malsoor  Assistant Professor | Optimal Design Of 8 Ups Spatial Parallel Manipulator By Using Performance Indices(559-563) | Volume-1, Issue-11, ISSN 2581-5792 | International Research Journal of Automotive Technology | November-2018 | NO | --- | Yes | Yes |
| 6. | Dr.S.Jaya Krishna  Professor  Mr.B. Malsoor  Assistant Professor  Dr.V.Suresh  Professor | Study and Analysis of Fabrication Process in Metal Matrix Composites, pp.1274-1277 | Volume 5 Issue 5  ISSN 2395-0152 | International Journal for Science Advance Research in Technology | MAY 2019 | No | Natioal |  | Yes |
| 7. | Dr.S.Jaya Krishna  Professor  Dr.V.Suresh  Professor  Mr.Mallikarjuna  Assistant Professor | Investigation Analysis Of Machining Process In Metal Matrix Composites: A Review, pp.1278-1282 | Volume 5 Issue 5  ISSN 2395-0152 | International Journal for Science Advance Research in Technology | MAY 2019 | No | Natioal |  | Yes |
| 8. | Dr.E.D.Francis  Professor  Dr.V.Suresh  Professor  Mr.Mallikarjuna  Assistant Professor | Fracture behavior of aluminium reinforced  Mg alloy nano composite ( Page No 2017-2041) | Volume-8 issue No:06  ISSN2236-8124 | international journal of research | NOVEMBER 2019 | UGC | --- | YES | YES |
| 9. | Dr.E.D.Francis  Professor  Dr.V.Suresh  Professor | Experimental investigation of Aluminium alloy hybrid metal matrix composites reinforced with B4C and Gr, pp.3202-3206 | Volume-7 Issue-3  ISSN 2348-2079 | International Journal of Intellectual Advancements and Research in Engineering Computations | 2019 | No | National |  | Yes |
| 10. | Dr.V.Suresh  Professor | An Experimental and Investigation on the micro-structure hardness and tensile properties of Al-Gr-Fe3O4 hybrid metal matrix composites, (page no..511-518.) | Vol 47 No.3  ISSN 1451-2092(print)  ISSN 2406-128x(online) | FME Transaction | April 2019 | Yes | --- | International | Yes |
| 11. | Dr.V.Suresh  Professor | Mechanical and wear behavior of LM25 Aluminium matrix hybrid composite reinforced with Boron carbide, Graphite and Iron oxide,( Pages 27852-27860) | [Volume 5, Issue 14, Part 2](https://www.sciencedirect.com/science/journal/22147853/5/14/part/P2)  ISSN 2214-7853 | Materials Today: Proceedings | Dec 2018 | Yes | --- | International | Yes |
| 12. | Dr.V.Suresh  Professor  Mr.P.Vijayanand  Associate Professor | Design evaluation and optimization of a disc brake, pp.3191-3201. | Volume-7 Issue-2  ISSN 2348-2079 | International Journal of Intellectual Advancements and Research in Engineering Computations | 2019 | No | National |  | Yes |
| 13. | Dr.V.Suresh  Professor | The future in metal matrix composites for automotive industry: a review, pp.88-100. | VOL 1 NO 6  ISSN 2581-5865 | International Research Journal of Automotive Technology | Dec 2018 | No | Natioal |  | Yes |
| 14. | Mr.M.Leela Ramesh  Assistant Professor Mr.Sai Teja  Assistant Professor  Mrs.B. Charitha  Assistant Professor | Enhancement in heat transfer rate in diesel engine radiator using nano fluid(1 to 6) | Vol 7 issue - ISSN:2348-20792 | International Journal Intellectual Advancement and Research in Engineering Computation | June 2019 | No | --- | International | Yes |
| 15. | M. Leela Ramesh  Assistant Professor V.Mahesh Kumar Reddy  Assistant Professor  K.Anil Kumar  Assistant Professor | Heat transfer augmentation by using twisted tapes as inserts for tube side flow of liquids with convection(1to 9) | Vol 6 issue -4 ISSN:2348.2079 | International Journal Intellectual Advancement and Research in Engineering Computation | Nov 2018 | No | --- | International | Yes |
| 16. | Mrs.K.Vijayasree  Associate Professor Dr Ravishankar, D. V  Principal & Professor  Dr. P. Ram Reddy  Registrar JNTUH(Retd)  Mr.Ayub Aswak  Assistant Professor | Influence Of Stacking Angle On Filament Wound Glass Epoxy Struts Under Tensile Loading(Page no. 48-51) | Special issue ICETST  ISSN 2348-8360 | International Journal of Mechanical Engineering | Nov-2018 | No | --- | Yes | Yes |
| 17. | Mrs.K.Vijayasree  Associate Professor V. Hathiram  Assistant Professor Ayub Ashwak Assistant Professor  V B Manjunath  Assistant Professor | Enhancement of heat transfer iin crossed flow heat exchangers with aiid of oval tubes and multiple winglets( Page no.144-149) | Volume 5, issue.II, ISSN :2395-1052 | International Journal for science and advanced Research in Technology | January 2019 | No | --- | International | Yes |
| 18. | Mrs.K.Vijayasree  Associate Professor  Mrs.Charitha  Assistant Professor  Mr.Adesh Bhil  Assistant Professor  Mr.B Harishraj  Assistant Professor | Critical analysis of filament wound strut under compression loading with one end fixed other end free condition(pageno-800-805) | Volume 5 issue-6  ISSN :2395-1052 | International Journal for science and advanced Research in Technology | June -2019 |  | --- | International | Yes |
| 19 | Mr.M.G.Suresh  Assistant Professor  Dr.R.Suresh  Professor | Evaluation Of Flexural Properties Jute Natural Fiber Reinforced Polyurethane Polymer Matrix Composite Material page no: 3954-3959 | Volume No.8, Issue-2, ISSN : 22577-3878, | International Journal of Recent Technology and Engineering | July 2019 | Yes | --- | International | Yes |
| 20. | Mr.M.G.Suresh  Assistant Professor  Dr.R.Suresh  Professor | Evaluation Of Tensile Properties Jute Natural Fiber Reinforced Pu Polymer Matrix Composite Material page no: 335-339 | Volume No.8, Issue-6, ISSN : 2249-8958 | International Journal of Engineering and Advanced Technology | August 2019 | Yes | --- | International | Yes |
| 21. | Mr.B.Malsoor  Associate Professor  Mr. B.Harish Raj  Assistant Professor  Mr. K.P.Reddy  Assistant Professor Mr.J.Mallesh  Assistant Professor | Static And Dynamic Analysis Of Spur And Bevel Gear (150-162) | Volume-1, Issue-6, ISSN 2581-5865 | International Research Journal of Automotive Technology | Nov-2018 | No | --- | International | Yes |
| 22. | Mr.J.Mallesh  Assistant Professor | Design And Structural Static Analysis Of Spur Gear In Automotive (1-4) | Volume-1, Issue-6, ISSN 2581-5865 | International Research Journal of Automotive Technology | NOV-2018 | No | -- | International | Yes |
| 23. | Mr.J.Mallesh  Assistant Professor  Mr. Adesh Bhil  Assistant Professor  V B Manjunath  Assistant Professor  Mrs.Charitha  Assistant Professor | Fabrication and experimental analysis of natural fiber composite  ( Page no. 110-113) | Volume-5: Issue-1  ISSN :239-1052 | International Journal for science and advanced Research in Technology | Jan-2019 | NO | --- | International | yes |
| 24. | Mr.B.Sangamesh  Assistant Professor  Mr.I.Rohan  Assistant Professor | Optimal location and effect of increasing number of piezoelectric layer.(2561-2569) | Volume- 6: Issue-4  ISSN: 2348-2079 | International Journal of Intellectual advancements and research on engineering computational | Nov-2018 | No | --- | International | Yes |
| 25.  27. | Mr.I.Rohan  Assistant Professor  Mr.B.Sangamesh  Assistant Professor | Multiple Hacksaw cutting machine with adjustable frames.(2570-2574) | Volume- 6: Issue-4  ISSN: 2348-2079  Volume-6: Issue-4  ISSN: 2348-2079 | International Journal of Intellectual advancements and research on engineering computational engineering computational  International Journal of Intellectual advancements and research on engineering computational | Nove-2018  Nov-2018  Nove-2018 |  | --- | International  International  International | Yes  Yes  yes |
| 26. | Mr. Adesh Bhil  Assistant Professor  V B Manjunath  Assistant Professor  Ayub Ashwak  Assistant Professor  Mallesh Jakanr  Assistant Professor | Design of gear tooth profile using curve (Page no. 163-169) | Volume-5: Issue-1 ISSN :2581-5865 | International Research Journal of Automotive Technology | Nov-2018 | NO | --- | International | yes |
| 27. | Mr. Adesh Bhil  Assistant Professor | Fabrication of sheet metal cutting machine( Page no. 100-104) | Volume-5: Issue-5  ISSN :239-1052 | International Journal for science and advanced Research in Technology | May-2019 | NO | --- | International | yes |
| 28. | Mr. Adesh Bhil  Assistant Professor  Mr.P.Vijayanand  Associate Professor | Design and Analysis of Chain Sprocket& 3887-3892 | Volume-XI, Issue-IX&  ISSN 0866-937 | The International Journal of Analytical and Experimental Modal Analysis | September 2019 | No |  | Yes | Yes |
| 29. | Mr. Manjunath V.B.  Assistant Professor | Design and fabrication of automatic ground clearance enhancement technology for 4- wheeler  ( Page No. 232-238) | Volume-5: Issue-5  ISSN :239-1052 | International Journal for science and advanced Research in Technology | May-2019 | NO | --- | International | yes |
| 30. | Mr.Ayub Ashwak  Assistant Professor  Dr.V.Suresh  Professor | Design And Flow Analysis Of Condenser Fins By Using Cfd (31-37) | Special Issue- ICETST  ISSN 2348-8360 | International Research Journal of Automotive Technology | NOV-2018 | No | -- | International | Yes |
| 31. | Mr.Ayub Ashwak  Assistant Professor | Analysis on Impact of Misalignments on Tooth Stresses in Hypoid Gear Sets, | SPECIAL ISSUE- ICETST  ISSN 2348-8360 | International Journal of Mechanical Engineering | NOV-2018 | No | -- | Yes | Yes |
| 32. | Mr.Ayub Ashwak  Assistant Professor | A Review on Nanotechnology Developments For Automotive Applications | Volume-5 Issue 1 ISSN [Online] : 2395-1052 | International Journal for science and advanced Research in Technology | JANUARY 2019 | No | -- | Yes | Yes |
| 33. | Mr.Ayub Ashwak  Assistant Professor  Adesh Bhil  Assistant Professor  V B Manjunath Assistant Professor | A Review on Tube Hydroforming (THF) Technology for Automotive Application. | *VOL 1(1), ISSN 2581-5865* | *IRJMT* | JAN *2019* | No | -- | Yes | Yes |
| 34. | Mr.Ayub Ashwak  Assistant Professor  Mr.Pedamuthevi Vijayanand | Modeling And Anaysis Of Connecting Rod Of Four Stroke Single Cylinder Engine, | Vol. 10, Issue, 05  ISSN [Online] ISSN:0976-3376 | Asian Journal of Science and Technology | May, 2019 | No | -- | Yes | Yes |
| 35. | Mr.Ayub Ashwak  Assistant Professor | Design And Fabrication of Pedal Operated Multi CropCutter For Agriculture | *Volume 5 Issue 4*  [Online] : 2395- ISSN:1052 | International Journal for science and advanced Research in Technology | *APRIL 2019* | No | -- | Yes | Yes |
| 36. | Mr.Ayub Ashwak  Assistant Professor | Design And Analysis Of Efficient Heat Recovery System By Replacing Air Condenser With Water Condenser | *Volume 4 Issue 9*  ISSN: 2455-2631 | International Journal of Science Engineering Development Research | *September 2019* | No | -- | Yes | Yes |
| 37. | Mr.Ayub Ashwak  Assistant Professor | Design And Analysis Of Air Distribution Ducting System By Mc Quay Duct Sizer | *Volume 4 Issue 9*  ISSN: 2455-2631 | International Journal of Science Engineering Development Research | *September 2019* | No | -- | Yes | Yes |
| 38. | Mr.Ayub Ashwak  Assistant Professor | Effect of Fuel Injection Pressure on Combustion Characteristics of CI Engine Using Alternative Fuels | *Volume 4 Issue 9*  ISSN: 2455-2631 | International Journal of Science Engineering Development Research | *September 2019* | No | -- | Yes | Yes |
| 39. | Mr.B.HarishRaj  Assistant Professor  V. Mallikarjun  Assistant Professor  K.E Vinay Kumar  Assistant Professor  Ayub Ashwak  Assistant Professor | Reverse Engineering And Design Optimization of Radiator Fan Ford Ikon | *Volume 5 Issue 6 –*  ISSN:2395-1052 | International Journal for science and advanced Research in Technology | *June 2019* | No | -- | Yes | Yes |
| 40. | Mr.B.HarishRaj  Assistant Professor  Ayub Ashwak  Assistant Professor | Design And Analysis Of Efficient Heat Recovery System By Replacing Air Condenser With Water Condenser | *Volume 4 Issue 9*  ISSN: 2455-2631 | International Journal of Science Engineering Development Research | *September 2019* | No | -- | Yes | Yes |
| 41. | Mr.B.HarishRaj  Assistant Professor  B. Malsoor  Assistant Professor  V Mahesh kumar reddy  Assistant Professor  Ayub Ashwak  Assistant Professor | Design A Review On Metal Matrix Composites Reinforced By Nano Particles | *Volume 5 Issue 5*  [Online] : ISSN: 2395-1052 | International Journal for science and advanced Research in Technology | *May 2019* | No | -- | Yes | Yes |
| 42. | Mr.B.HarishRaj  Assistant Professor  Ayub Ashwak  Assistant Professor | A Review on Nanotechnology Developments For Automotive Applications | Volume-5 Issue 1 ISSN [Online] : 2395-1052 | International Journal for science and advanced Research in Technology | JANUARY 2019 | No | -- | Yes | Yes |
| 43. | Mr.B.HarishRaj  Assistant Professor  Ayub Ashwak  Assistant Professor | Design And Analysis Of Efficient Heat Recovery System By Replacing Air Condenser With Water Condenser | *Volume 4 Issue 9*  ISSN: 2455-2631 | International Journal of Science Engineering Development Research | *September 2019* | No | -- | Yes | Yes |
| 44. | Mr.V.Mallikarjuna  Assistant Professor  V.Suresh  Professor  A.Saiteja  Assistant ProfessorB Charitha  Assistant Professor  Ayub Aswak Assistant Professor | Modeling And Analysis Of Cylinder Block For V8 Engine  Page (170-179) | Volume-1, Issue-11, ISSN 2581-5865 | International Research Journal of Automotive Technology | Nov-2018 | NO | -- | International | YES |
| 45. | Mr.P.Vijayanand  Associate Professor | Design & Analysis of Mono Composite Leaf Spring for Four Wheeler Light Weight Vehicles & 410-418 | Volume-O6, Issue-10 & ISSN 2348-6848 | International Journal of Research | September 2019 | No |  | Yes | Yes |
| 46. | Mr.P.Vijayanand  Associate Professor | Design Analysis of Automatic Pneumatic Bumpers for 4-Wheelers Subjected To Dynamic Analysis (419-424) | Volume-O6, Issue-10 & ISSN 2348-6848 | International Journal of Research | 2019, September | No |  | Yes | Yes |
| 47. | Mr.P.Vijayanand  Associate Professor  K.Vijayasree  Associate Professor | Design, Simulation And Analysis Of Plastic Injection Mould Of Apparel Button ( 9804-9811) | Volume-10, Issue-7 & ISSN 0976-3376 | Asian Journal of Science and Technology | 2019, July | No |  | Yes | Yes |
| 48. | Mr.P.Vijayanand  Associate Professor | Design Evaluation Of A Camshaft Used In Multi  Cylinder Engine, 2148-2154 | Volume-IX, Issue-VI & ISSN: 2249-7455 | International Journal of Management, Technology And Engineering | 2019, June | No |  | Yes | Yes |
| 49. | Mr.P.Vijayanand  Associate Professor | Simulation and comparison of DGEBF/TETA epoxy system with cross linking & 85-97 | Volume-7, Issue-1 & ISSN:2348-2079 | International Journal of Intellectual Advancements and Research in Engineering Computations | 2019, March | No |  | Yes | Yes |
| 50. | Mr.P.Vijayanand  Associate Professor  V.Mallikarjuna  Assistant professor | Selection of heat exchanger tube material for power plant & 2635-2642 | Volume-6, Issue-4 & ISSN:2348-2079 | International Journal of Intellectual Advancements and Research in Engineering Computations | 2018, December | No |  | Yes | Yes |
| 51. | Mr.P.Vijayanand  Associate Professor | Design and structural analysis of missile nose cone using different materials & 2581-2586 | Volume-6, Issue-4 & ISSN:2348-2079 | International Journal of Intellectual Advancements and Research in Engineering Computations | 2018, November | No |  | Yes | Yes |
| 52. | Mr.P.Vijayanand  Associate Professor  Dr.R.Jothimurugan  Professor | Performance analysis of drum brake using finite element method & 2604-2609 | Volume-6, Issue-4 & ISSN:2348-2079 | International Journal of Intellectual Advancements and Research in Engineering Computations | 2018, November | No |  | Yes | Yes |
| 53. | Mrs.B.Charitha  Assistant professor | Comparison of material properties made by 3d-printing process using two different materials(110-115) | Volume-1, Issue-6  ISSN: 2581-5865 | International Research Journal of Automotive Technology | NOV-2018 | NO | -- | International | YES |

**HoD Director**