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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 NaikHoD/Associate Professor | Experimental study on heat transfer through angular composite fins(784-789) | Volume -5Issue no -6ISSN: 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 -5Issue no -6ISSN: 2395-1052 | International Journal of Science and Research Technology | June 2019 | NO | ---- | International | Yes |
| 3.4. | Dr.R. JothimuruganProfessor | Effect of mass and size of the Additives in performance of EDM of 400TM(690-693) | Volume No. 5Issues No. 6ISSN: 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 KrishnaProfessorMr.B.Harish RajAssistant ProfessorMr.B. MalsoorAssistant 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 KrishnaProfessorMr.B. MalsoorAssistant ProfessorDr.V.SureshProfessor | Study and Analysis of Fabrication Process in Metal Matrix Composites, pp.1274-1277 | Volume 5 Issue 5ISSN 2395-0152 | International Journal for Science Advance Research in Technology | MAY 2019 | No | Natioal |  | Yes |
| 7. | Dr.S.Jaya KrishnaProfessorDr.V.SureshProfessorMr.MallikarjunaAssistant Professor | Investigation Analysis Of Machining Process In Metal Matrix Composites: A Review, pp.1278-1282 | Volume 5 Issue 5ISSN 2395-0152 | International Journal for Science Advance Research in Technology | MAY 2019 | No | Natioal |  | Yes |
| 8. | Dr.E.D.FrancisProfessorDr.V.SureshProfessorMr.MallikarjunaAssistant Professor | Fracture behavior of aluminium reinforcedMg alloy nano composite ( Page No 2017-2041) | Volume-8 issue No:06ISSN2236-8124 | international journal of research | NOVEMBER 2019 | UGC | --- | YES | YES |
| 9. | Dr.E.D.FrancisProfessorDr.V.SureshProfessor | Experimental investigation of Aluminium alloy hybrid metal matrix composites reinforced with B4C and Gr, pp.3202-3206 | Volume-7 Issue-3ISSN 2348-2079 | International Journal of Intellectual Advancements and Research in Engineering Computations | 2019 | No | National |  | Yes |
| 10. | Dr.V.SureshProfessor | 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.3ISSN 1451-2092(print)ISSN 2406-128x(online) | FME Transaction | April 2019 | Yes | --- | International | Yes |
| 11. | Dr.V.SureshProfessor | 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.SureshProfessorMr.P.VijayanandAssociate Professor | Design evaluation and optimization of a disc brake, pp.3191-3201. | Volume-7 Issue-2ISSN 2348-2079 | International Journal of Intellectual Advancements and Research in Engineering Computations | 2019 | No | National |  | Yes |
| 13. | Dr.V.SureshProfessor | The future in metal matrix composites for automotive industry: a review, pp.88-100. | VOL 1 NO 6ISSN 2581-5865 | International Research Journal of Automotive Technology | Dec 2018 | No | Natioal |  | Yes |
| 14. | Mr.M.Leela RameshAssistant Professor Mr.Sai TejaAssistant ProfessorMrs.B. CharithaAssistant 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 RameshAssistant Professor V.Mahesh Kumar ReddyAssistant ProfessorK.Anil KumarAssistant 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.VijayasreeAssociate Professor Dr Ravishankar, D. VPrincipal & ProfessorDr. P. Ram ReddyRegistrar JNTUH(Retd)Mr.Ayub AswakAssistant Professor | Influence Of Stacking Angle On Filament Wound Glass Epoxy Struts Under Tensile Loading(Page no. 48-51) | Special issue ICETSTISSN 2348-8360 | International Journal of Mechanical Engineering | Nov-2018 | No | --- | Yes | Yes |
| 17. | Mrs.K.VijayasreeAssociate Professor V. HathiramAssistant Professor Ayub Ashwak Assistant ProfessorV B ManjunathAssistant 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.VijayasreeAssociate ProfessorMrs.CharithaAssistant ProfessorMr.Adesh BhilAssistant ProfessorMr.B HarishrajAssistant Professor | Critical analysis of filament wound strut under compression loading with one end fixed other end free condition(pageno-800-805) | Volume 5 issue-6ISSN :2395-1052 | International Journal for science and advanced Research in Technology | June -2019 |  | --- | International | Yes |
| 19 | Mr.M.G.SureshAssistant ProfessorDr.R.SureshProfessor | 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.SureshAssistant ProfessorDr.R.SureshProfessor | 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.MalsoorAssociate ProfessorMr. B.Harish RajAssistant ProfessorMr. K.P.ReddyAssistant Professor Mr.J.MalleshAssistant 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.MalleshAssistant 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.MalleshAssistant ProfessorMr. Adesh BhilAssistant ProfessorV B ManjunathAssistant ProfessorMrs.CharithaAssistant Professor | Fabrication and experimental analysis of natural fiber composite( Page no. 110-113) | Volume-5: Issue-1ISSN :239-1052 | International Journal for science and advanced Research in Technology | Jan-2019 | NO | --- | International | yes |
| 24. | Mr.B.SangameshAssistant ProfessorMr.I.RohanAssistant Professor | Optimal location and effect of increasing number of piezoelectric layer.(2561-2569) | Volume- 6: Issue-4ISSN: 2348-2079 | International Journal of Intellectual advancements and research on engineering computational | Nov-2018 | No | --- | International | Yes |
| 25.27. | Mr.I.RohanAssistant ProfessorMr.B.SangameshAssistant Professor | Multiple Hacksaw cutting machine with adjustable frames.(2570-2574) | Volume- 6: Issue-4ISSN: 2348-2079Volume-6: Issue-4ISSN: 2348-2079 | International Journal of Intellectual advancements and research on engineering computational engineering computationalInternational Journal of Intellectual advancements and research on engineering computational | Nove-2018Nov-2018Nove-2018 |  | --- | InternationalInternationalInternational | YesYesyes |
| 26. | Mr. Adesh BhilAssistant ProfessorV B ManjunathAssistant ProfessorAyub AshwakAssistant ProfessorMallesh JakanrAssistant 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 BhilAssistant Professor | Fabrication of sheet metal cutting machine( Page no. 100-104) | Volume-5: Issue-5ISSN :239-1052 | International Journal for science and advanced Research in Technology | May-2019 | NO | --- | International | yes |
| 28. | Mr. Adesh BhilAssistant ProfessorMr.P.VijayanandAssociate 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-5ISSN :239-1052 | International Journal for science and advanced Research in Technology | May-2019 | NO | --- | International | yes |
| 30. | Mr.Ayub AshwakAssistant ProfessorDr.V.SureshProfessor | Design And Flow Analysis Of Condenser Fins By Using Cfd (31-37) | Special Issue- ICETSTISSN 2348-8360 | International Research Journal of Automotive Technology | NOV-2018 | No | -- | International | Yes |
| 31. | Mr.Ayub AshwakAssistant Professor | Analysis on Impact of Misalignments on Tooth Stresses in Hypoid Gear Sets, | SPECIAL ISSUE- ICETSTISSN 2348-8360 | International Journal of Mechanical Engineering | NOV-2018 | No | -- | Yes | Yes |
| 32. | Mr.Ayub AshwakAssistant 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 AshwakAssistant ProfessorAdesh BhilAssistant ProfessorV 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 AshwakAssistant ProfessorMr.Pedamuthevi Vijayanand | Modeling And Anaysis Of Connecting Rod Of Four Stroke Single Cylinder Engine, | Vol. 10, Issue, 05ISSN [Online] ISSN:0976-3376 | Asian Journal of Science and Technology | May, 2019 | No | -- | Yes | Yes |
| 35. | Mr.Ayub AshwakAssistant 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 AshwakAssistant 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 AshwakAssistant 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 AshwakAssistant 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.HarishRajAssistant ProfessorV. MallikarjunAssistant ProfessorK.E Vinay KumarAssistant ProfessorAyub AshwakAssistant 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.HarishRajAssistant ProfessorAyub AshwakAssistant 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.HarishRajAssistant ProfessorB. MalsoorAssistant ProfessorV Mahesh kumar reddyAssistant ProfessorAyub AshwakAssistant 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.HarishRajAssistant ProfessorAyub AshwakAssistant 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.HarishRajAssistant ProfessorAyub AshwakAssistant 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.MallikarjunaAssistant ProfessorV.SureshProfessorA.SaitejaAssistant ProfessorB CharithaAssistant ProfessorAyub Aswak Assistant Professor | Modeling And Analysis Of Cylinder Block For V8 EnginePage (170-179) | Volume-1, Issue-11, ISSN 2581-5865 | International Research Journal of Automotive Technology | Nov-2018 | NO | -- | International | YES |
| 45. | Mr.P.VijayanandAssociate 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.VijayanandAssociate 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.VijayanandAssociate ProfessorK.VijayasreeAssociate 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.VijayanandAssociate Professor | Design Evaluation Of A Camshaft Used In MultiCylinder 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.VijayanandAssociate 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.VijayanandAssociate ProfessorV.MallikarjunaAssistant 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.VijayanandAssociate 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.VijayanandAssociate ProfessorDr.R.JothimuruganProfessor | 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.CharithaAssistant professor | Comparison of material properties made by 3d-printing process using two different materials(110-115) | Volume-1, Issue-6ISSN: 2581-5865 | International Research Journal of Automotive Technology | NOV-2018 | NO | -- | International | YES |

**HoD Director**