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| **Academic Year 2020-2021** |

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| **Name of the Faculty** | **National/International** | **Title of the Paper** | **Journal**  **Details** | **Indexing** | **Impact factor** |
| **Prof.Deepa.M.S** | **International** | Effect of stall on Blended Wing Body Aircraft | ISSN: 2278-627X (For online version)  ISSN: 2319-3778 (For Printed Version)  2\09\2020 Published in IJLTET Journal, Volume 17 | **Copernicus** | **0.685/1** |
| **Dr. Bino Prince Raja.D** | **International** | Influence of nanoparticles on thermal, mechanical and 3D analysis of hybrid Bamboo/glass fibre reinforced polymer composites | Transaction of Indian Institute of Metals, SPRINGER | **SCI** | **1.49** |
| **Dr. Bino Prince Raja.D** | **International** | Investigating the effect of Si3 N4 Reinforcement on the morphological and mechanical behaviour of AA2219 alloy | Silicon,  SPRINGER | **SCI** | **2.4** |
| **Dr. Bino Prince Raja.D** | **International** | **T**ribological, Thermal and Corrosive Behaviour of Aluminium Alloy 2219 Reinforced by Si3N4 Nanosized Powder | Silicon, https://doi.org/10.1007/s12633-021-01214-0  SPRINGER  ISSN 1876-9918 | **SCI** | **2.4** |
| **Dr. Bino Prince Raja.D** | **International** | Mechanical Characterization of Carbon Fibre Reinforced Epoxy Polymer | SSRN eLibrary23/07/2020  ISSN 1556-5068 | **Google Scholar** |  |
| **Dr. Nagesh.D** | **International** | Optimization of Tribological Properties of Al6061, Boron And Graphite Mmcs Using Taguchi Method | IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) | Google scholar |  |
| **Dr. Nagesh.D** | **International** | Tribological characteristics of AI6061, baron, and Graphite hybrid Metal matrix composites | Taylor & Francis Advances in Materials and Processing Technologies http://doi.org/10.80/2374068X2021.1946323 18/06/2021 | **SCI** | **1.56** |

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| **Academic Year 2019-2020** |

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| **Name of the Faculty** | **National/International** | **Title of the Paper** | **Journal**  **Details** | **Indexing** | **Impact factor** |
| **Prof. Deepa M.S** | **International** | Preliminary Design of a Reverse flow annular Combustor & Experimental investigation at design & off design opening conditions | International Journal of Recent Technology and Engineering (IJRTE), ISSN 2277-3878, Vol 8, Issue 1C, May 2019 | **Scopus** |  |
| **Prof. Deepa M.S** | **International** | Numerical Simulation of Rocket launch Vehicle | SSRN e library | Scopus |  |
| **Dr. Bino Prince Raja.D** | **International** | Influence of nanoparticles on hybrid fibre reinforced polymer composites | Materials Today: Proceedings, 24,  Elsevier  pp 1498-1507, 2020 | **Scopus** |  |
| **Dr. Bino Prince Raja.D** | **International** | Intelligent particle swarm optimization for quality machining in advanced manufacturing process | Materials Today: Proceedings, 24,  Elsevier | **Scopus** |  |

**Academic Year m2 2018-2019**

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| **Name of the Faculty** | **National/International** | **Title of the Paper** | **Journal**  **Details** | **Indexing** | **Impact factor** |
| **Dr. Bino Prince Raja.D** | **International** | Effect of short fibre orientation on mechanical characterization of composite material-Hybrid fibre reinforced polymer matrix | Bulletin of material science, **Springer**  s12034- 019-1813-5, **2019** | **SCI** | **1.39** |
| **Dr. Bino Prince Raja.D** | **International** | Computational Analysis of Blended Winglet model performance by varying Cant Angle | Journal of Computational and Theoretical Science  Vol 8, 2277-3878 May 2019 | **Scopus** |  |
| **Dr. Bino Prince Raja.D** | **International** | Prediction of responses in FSW Processed Hybrid Composites using soft computing Technique | Journal of Computational and Theoretical Science | **Scopus** |  |
| **Dr. Bino Prince Raja.D** | **International** | Stress analysis of AL2014-T6 rivetted splice joint fuselage structure using finite element analysis” | IOP Conf.Series: Material science and Engineering  Vol.455, Issue 012138, pp. 1-8, December 2018 | **Scopus** |  |
| **Mr. Vinay P** | **International** | An Experimental Investigation on Hardness and Shear Behaviour of Aluminium, Silicon Carbide and Graphite Hybrid Composite with and without Cryogenic Treatment | Materials Today: Proceedings**, 5, Elsevier**  **Pp 916-921** |  |  |
| **Dr. Nagesh.D** | **International** | Wear behaviour of al-6061  Reinforced with borax MMCS | International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) | **Google Scholar** |  |
| **Dr. Nagesh.D** | **International** | Synthesis and Characterization of AL6061 reinforced with 2% Graphite, 2% Boron hybrid MMCS using Stir and centrifugal casting technique | International journal of mechanical and production Engineering research and development (IJMPERD) | **Scopus** |  |

**Academic Year m3 2017-2018**

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| **Name of the Faculty** | **National/International** | **Title of the Paper** | **Journal Details** | **Indexing** | **Impact factor** |
| **Dr. Bino Prince Raja.D** | **International** | Analysis of Mechanical properties of hybrid bamboo/jute fiber reinforced vinyl ester composite materials | International Journal of Mechanical Engineering and Technology  Vol. 8, Issue 10,, pp.318–324 | **SCOPUS** |  |
| **Dr. Bino Prince Raja.D** | **International** | Mechanical, Morphological and Thermal Characterization of Hybrid bamboo/glass fibre reinforced Polyester Composites | Rasayan Journal of Chemistry  Vol.11, Issue 3, pp.990-998,  June 2018 | **SCOPUS** |  |
| **Dr. Bino Prince Raja.D** | **International** | Tensile, Flexural and Impact Properties of Glass fiber reinforced Polymer matrix composites | International Journal of Mechanical Engineering and Technology  Vol.8, Issue 11,  pp.467–475, | **SCOPUS** |  |
| **Dr. Bino Prince Raja.D** | **International** | Buckling analysis of Stiffened panel under fuselage bending | International Journal of Engineering & Technology Vol. 7, Issue 3.1, pp. 147-149 | **SCOPUS** |  |
| **Dr. Bino Prince Raja D** | **International** | An Approach for Rational Design and Structural analysis of a Hexa-copter | International Journal of Mechanical and Production Engineering Research and Development, Vol. 8, Issue 1, pp.1179-1190 | **SCOPUS** |  |
| **Dr. Bino Prince Raja D** | **International** | Experimental Investigation of Hybrid bamboo/glass polyester composites | Elixir Material Science,Vol.119, , pp. 51189-51192 | **Google scholar** |  |
| **Dr. Bino Prince Raja D** | **International** | Mechanical Characterization of Woven bidirectional natural fiber reinforced polymer composites | International Journal of Future Revolution in Computer Science and Communication Engineering, Volume 3, Issue 9,.pp. 134-136 | **Google scholar** |  |
| **Dr. Bino Prince Raja D** | **International** | Effect of Nan particles on tensile, flexural, impact and fatigue properties of FRP Polyester composites | International Journal of Innovative Works in Engineering and Technology  Vol. 4, Issue 4, , pp.47-52, Feb 2018 | **UGC** |  |

**CAY 2020-2021**

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| **Sl.No** | **Name of the faculty** | **Title of the paper** | **Conference title** | **National/ International** | **Venue and Date** |
|  | **Dr.Nataraju.S.N** | Wear Characteristics of Double Ceramic Particulate Hybrid Aluminium Matrix Composite” | "Futuristic Trends in Mechanical Engineering" (ICOFTIME-2020) | **International** | **24-25April 2020** |

**CAY m1 2019-2020**

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| **Sl.No** | **Name of the faculty** | **Title of the paper** | **Conference title** | **National/ International** | **Venue and Date** |
|  | **Dr. Bino Prince Raja.D** | Particle swarm optimization of friction stir welding process parameters for AA6061/Activated carbon composite | 2nd International Conference on Aeronautics | International | MLRET, Hyderabad **2020** |
|  | **Dr. Bino Prince Raja.D** | Multi response optimization of FSW Process parameters of ZE42 Alloy using RSM Based Grey relational Analysis | 2nd International Conference on Intelligent Manufacturing and Energy Sustainability | International | MLRET, Hyderabad**2020** |

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| **CAYm2 2018-2019** |

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| **Sl.No** | **Name of the faculty** | **Title of the paper** | **Conference title** | **National / International** | **Year** |
|  | **Prof. Deepa M.S** | Preliminary Design and numerical Simulation of A Reverse Flow Annular Combustor At Basic Design Point Operating Conditions | International Conference  On Trends in Industrial & Value Engg, Business and Social Innovation | International | 2018 |
|  | **Prof. Vigneswaran C M** | Conceptual Design of 180-Seater Passenger Aircraft | International Conference on Emerging Trends in Science & Technologies for Engineering Systems | International | 2018 |
|  | **Prof. Vigneswaran C M** | Design and Analysis of Main Rotor Blades of a Utility Helicopter during Hovering | International Conference on Emerging Trends in Science & Technologies for Engineering Systems | International | 2018 |
|  | **Prof. Paramesh.T** | Experimental and Numerical Evaluation of Thermal Performance of Closed Loop Pulsating Heat Pipe | International Conference on Emerging Trends in Science & Technologies for Engineering Systems | International | 2018 |
|  | **Dr. Bino Prince Raja .D** | Influence of Nano particles on Mechanical and Thermal characterization of Hybrid Fiber Reinforced Polyster Composites | International Conference on Advances in Materials and Manufacturing Applications | International | 2018 |
|  | **Prof. Deepa M S** | Numerical Simulation of Rocket Launch Vehicle | 2nd International Conference on Emerging Trends in Science & Technologies for Engineering Systems**(Available in SSRN e Library of Elsevier)** | International | SJCIT, Chickballapur  2019 |
|  | **Prof. Praveen N** | PID Controller Design for Dynamic Motion of an Aircraft | 2nd International Conference on Emerging Trends in Science & Technologies for Engineering Systems(Available in SSRN e Library of Elsevier) | International | SJCIT, Chickballapur  2019 |
|  | **Dr. Bino Prince Raja .D** | Mechanical Characterisation of Carbon Fibre Reinforced Epoxy Polymer | 2nd International Conference on Emerging Trends in Science & Technologies for Engineering Systems(Available in SSRN e Library of Elsevier) | International | SJCIT, Chickballapur  2019 |

**CAY m3 2017-2018**

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| **Sl.No** | **Name of the faculty** | **Title of the paper** | **Conference title** | **National/ International** | **Venue and Date** |
|  | **Dr. Bino Prince Raja D** | Influence of nano particles on hybrid bamboo/glass fibre reinforced polymer matrix composites | IEEE Sponsored International Conference on Science, Technology, Engineering and Management | International | Kalaignarkarunanidhi Institute of Technology March 2018 |
|  | **Dr. Bino Prince Raja D** | Performance Improvement analysis of rotor induced vibration in Helicopter Structure | The RSRI conference on Materials and Computational Intelligence | International | Shree Rayeshwar Institute of engineering & information science September 2018 |
|  | **Dr. Bino Prince Raja D** | Effect of Nano particles on tensile, flexural, impact and fatigue properties of FRP Polyester composites | International Conference on Advanced Innovations in Engineering and Technology | International | Rohini College of Engineering and Technology March 2018 |
|  | **Dr. Bino Prince Raja D** | Mechanical Characterization of Hybrid FRP Polyester matrix Composites | National Conference on Mechanical, Aeronautical and Civil Engineering | National | April 2018 |
|  | **Prof. Praveen N** | Iterative Numerical Optimal Guidance Algorithm for Lunar Soft Landing during Powered Descent | International Conference on Emerging Research in Civil, Aeronautical &Mechanical Engineering | International | NMIT, Bangalore  2017 |