

RESEARCH FORUM: SEMINAR PRESENTATION

| S. No | Name of the Scholar | Supervisor | Title of the Presentation | Date of Presentation |
|--------------|----------------------------|---------------------|--|-----------------------------|
| 1. | Mr.P.Thilagaraj | Dr.G.B.Bhaskar | Incremental Forming | 12.11.2021 |
| 2. | Mr.R.Balajinatarajan | Dr.J.Jancirani | Development of Transmission Nanofluids for Automotive application: Investigation of its Physio-chemical properties and Tribological Characteristics. | 12.11.2021 |
| 3. | Mrs.U.Vishnuja | Dr.G.B.Bhaskar | Simulation using Computational fluid dynamics | 19.11.2021 |
| 4. | Mr.A.Visagan | Dr.P.Ganesh | Optimization techniques used in manufacturing | 19.11.2021 |
| 5. | Mr.A.Manikandan | Dr.G.B.Bhaskar | Glass reinforced aluminum metal laminates | 26.11.2021 |
| 6. | Mr.S.Leninraj | Dr.A.Rajadurai | Deep hole piercing in stainless steel on abrasive waterjet machining | 26.11.2021 |
| 7. | Mr.B.Arun Prasad | Dr.P.Ganesh | High strain rate forming process | 03.12.2021 |
| 8. | Mr.R.Vijaya Kumar | Dr.N.Srirangarajalu | Non-traditional machining | 03.12.2021 |
| 9. | Mr.R.Mathiyazhagan | Dr.S.Sampathkumar | Comparison of contact and non contact roughness measurement: An experimental study | 10.12.2021 |
| 10. | Mr.J.P.Ramesh | Dr.V.Mugendiran | Numerical and experimental analysis of aerodynamic performance of UAV by micro pattern and porosity effect. | 10.12.2021 |
| 11. | Mrs.P.Subhasree | Dr.P.Karthikeyan | Deep learning for computer vision tasks | 17.12.2021 |
| 12. | Mr.M.Prabhu | Dr.P.Karthikeyan | Matlab for production engineers | 17.12.2021 |
| 13. | Mr.K.Tamilarasan | Dr.V.Mugendiran | Incremental forming on aluminium sheets | 24.12.2021 |
| 14. | Mr.S.Sivalingam | Dr.G.Kumaresan | Super plasticity forming | 24.12.2021 |
| 15. | Mr.P.Lakshmi Narayanan | Dr.A.Siddharthan | Rheology study on polymers | 31.12.2021 |
| 16. | Mr.Deric Moses | Dr.J.Jancirani | Optimization using Matlab | 31.12.2021 |
| 17. | Mr.Venkatesan K | Dr.G.B.Bhaskar | TGA analysis | 07.01.2022 |
| 18. | Mr.R.Rajaprasanna | Dr.N.Srirangarajalu | Friction stir spot welding of steel with aluminium | 07.01.2022 |
| 19. | Mrs.Sharon Marishka I | Dr.G.B.Bhaskar | Mechanical properties of natural | 15.01.2022 |

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| | | | rubber composites | |
| 20. | Mr.S.Sathish Kumar | Dr.N.Srirangarajalu | Development of honeycomb structure | 15.01.2022 |
| 21. | Mr.N.Saravanan | Dr.A.Siddharthan | Development of speech recognition engine using deep learning algorithms | 21.01.2021 |
| 22. | Mr.J.Cypto | Dr.P.Karthikeyan | Traffic violation detection using deep learning | 21.01.2021 |
| 23. | Mr.A.Karthik Narayanan | Dr.V.Mugendiran | Incremental forming on biopolymers | 29.01.2021 |
| 24. | Mr.Dhanawaran | Dr.P.Karthikeyan | Kinematics generation using machine learning and visual techniques in robotics | 29.01.2021 |
| 25. | Mr.R.Sivaperumal | Dr.J.Jancirani | Design and fabrication of biodegradable composite materials for automotive applications | 04.02.2022 |
| 26. | Mr.D.V.Sabarianand | Dr.P.Karthikeyan | Modelling, control and analysis of micro mechatronics system | 04.02.2022 |
| 27. | Mr.K.Arumugam | Dr.G.Kumaresan | Machinability studies if Nickel alloys in ECM | 11.02.2022 |
| 28. | Mr.P.Madavan | Dr.A.Siddharthan | Failure analysis of continuous fibre composites | 11.02.2022 |
| 29. | Mr.E.Manoj | Dr.J.Jancirani | Tribology and Mechanical behaviour of automotive brake pad | 18.02.2022 |
| 30. | Mr.M.Seenivasakumar | Dr.P.Ganesh | Under water friction stir welding of aluminium alloy sheets | 18.02.2022 |
| 31. | Mr.R.Dhanasekar | Dr.N.Srirangarajalu | Experimental study and analysis of characterisation of thermoplastics elastomers blend | 25.02.2022 |
| 32. | Mr.Sabique.P.V | Dr.P.Ganesh | Machine Learning Algorithms for Researchers | 25.02.2022 |
| 33. | Mrs. J.Komathi | Dr.N.Srirangarajalu | IOT applications | 04.03.2022 |
| 34. | Mr.K.P.Manikandan | Dr.V.Mugendiran | Formability effects of process parameters on forming forces in single point incremental forming process. | 04.03.2022 |
| 35. | Mr.B.Arulkumar | Dr.G.Kumaresan | Composite Materials | 11.03.2022 |

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| 36. | Mr.M.Sridharan | - | Absolute Calibration of a six-axis serial manipulator Robot | 11.03.2022 |
| 37. | Mr.N.Arunagiri | Dr.A.Siddharthan | Post-processing of parts developed by fused filament fabrication | 18.03.2022 |
| 38. | Mr.A.Riyaz Ahmed | Dr.V.Mugendiran | Liquid additive manufacturing | 18.03.2022 |
| 39. | Mr.I.R.Sugumaran | Dr.G.B.Bhaskar | Post weld treatment techniques | 25.03.2022 |
| 40. | Mr.Rajkumar N | Dr.C.Nandakumar | Investigation of Tribological performance of MOS2 Coatings on Die Steel | 25.03.2022 |
| 41. | Mr.Ranjithkumar R | Dr.C.Nandakumar | Some investigations electrical discharge alloying of T6-6082 aluminium alloy with wc/co powder composite electrode | 01.04.2022 |
| 42. | Mrs.Suganthi A | Dr.C.Nandakumar | A study of hydroxyapatite coating on titanium implants | 01.04.2022 |
| 43. | Mr.Rambabu D | Dr.G.B.Bhaskar | - | 08.04.2022 |
| 44. | Mr.Saravanan G | Dr.G.B.Bhaskar | - | 08.04.2022 |