

ASME SRIT Student Section and Team Garudans Achievements 2022-2023

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| 01 | 2022 | SAE INDIA BICYCLE DESIGN COMPETITION 2021 | SAE INDIA | 21,22/05/2022 at Bannari Amman Institute of Technology, Erode | 12000 | Best Dyanmic Performance |
| 02 | 2022 | Indian Karting Racing (Season 6) | ISIE India | January - 2022 Galgotias University, Noida, Uttar Pradesh | 40000 | Best Acceleration Award – 10,000/-Best Innovation Award- 10,000/- Future Award- 10,000/- |
| 03 | 2022 | IAM3D Desigfn Presentation Competition | ASME EFX | 08-12-2022 at Ramaiah Institute of Technology | 8000 | Fist Prize |
| 04 | 2022 | Electric vehicle design Competition | SAE INDIA | 21.3.2022 to 25.03.2022 at Bannariamman Institute of Technology | 2000 | Second Prize |
| 05 | 2022 | National level technical symposium | Automobile Department | 24.03.2022 at Hindushtan Institute of Technology | 1000 | Mr.Mechanic First Prize |
| 06 | 2022 | National level technical symposium | Automobile Department | 24.03.2022 at Hindushtan Institute of Technology | 300 | Paper presentation Third Prize |
| 07 | 2022 | National level technical symposium | Mechanical Department | 7.05.2022 at SONA College of Technology | 600 | Paper presentation Second Prize |
| 08 | 2022 | National level technical symposium | Automobile Department | Yugam 19. 5. 2022 at Kumaraguru College of Technology | 1000 | Paper presentation Second Prize |

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| 09 | 2023 | Formula Kart Racing Championship 01 | RACY Club | 1st - 2nd February 2023 at Kari Motors Speedway | 48000 | Overall Runner-up Championship Award – 30,000/- Best SkidPad Award – 3,000/- Best Autocross Award – 3,000/- Best Innovation Award - 3,000/- Light Weight Award - 3,000/-Best Build Quality Award -3,000/- Best Virtual presentation Award - 3,000/- Best Cost optimum Award Go-Green Award Best Female Award |
| 10 | 2023 | Medicnik 2k23 | Department of Biomedical engineering | 20.02.2023 at Karpagam Academy of Higher Education. | 1500 | Second Prize |
| 11 | 2023 | Yugam | Yugam | 4.03.2023 Kumaraguru College of Technology | 10000 | Third Prize |

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| 12 | 2023 | National level technical symposium | Mechanical Department | 16.02.2023 at KPR Institute of engineering and Technology | 1500 | Paper presentation Second Prize |
| 13 | 2023 | National level technical symposium | Mechanical Department | 24.03.2023 at Hindustan college of engineering and Technology | 500 | Paper presentation Second Prize |
| 14 | 2023 | Live design hackathon | ASMEEFX & Autodesk | 1.4.2023 at PES University Bangalore | 20000 | Second Prize |
| 15 | 2022 | Student Attendance Ratio Challenge | ASME Efests | 25.03.2022 Virtual | 500 USD | First Prize |
| 16 | 2022 | Extended Reality Challenge | ASME Efests | 25.03.2022 Virtual | 400 USD | First Prize and Second Prize |
| 17 | 2023 | Extended Reality Challenge | ASME Efests | 25.03.2023 Virtual | 75 USD | Third Prize |
| 18 | 2023 | Student Attendance Ratio Challenge | ASME Efests | 25.03.2023 Virtual | 500 USD | First Prize |
| 19 | 2022 | Scavenger Hunt | ASME E-Fest Careers | 12.11.2022 Virtual | 200 USD | Various Prizes |
| 20 | 2023 | Autonomous Drone Development Competition 2023 | SAE India At KCG College of Technology Chennai | 26/08/2023 | - | 13 th Rank in India |
| 21 | 2023 | ASME- Student section | ASME India | 2022-2023 | Rs.10,000/- | Distinguished Student section India |
| 22 | 2023 | ASME- Student section | ASME India | 2022-2023 | - | Star Chair Awardee Mr.E.Raghunath |

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| 23 | 2023 | Techgium | L&T Technology | 2022-2023 | | Semifinalist and 4 Students going for Placement opportunities |
| 24 | 2023 | ASME IDETC-CIE 2023 | ASME | 22/08/2023 | \$50 | Fee waiver Award |
| 25 | 2023 | Kart Racing Championship | AIMS Academy | 06-07/08/2023 | - | 1. Best safety Award, 2. Dr.Radha Krishnan Award |

Resource Person:

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| 01 | 28/10/2022 | One Day Workshop on 3D printing | Dhanalakshmi Srinivasan College of Engineering,Coimbatore |
| 02 | 11/02/2023 | One Day workshop on Business Opportunities on Karting | KPR Institute of Engineering and Technology |
| 03 | 21/03/2023 | Unmanned Aerial Vehicle | Government College of Technology |
| 04 | 28/10/2022 | One Day workshop on IOT | Study world college of Engineering |

Fundings:

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| 01 | SRIT-RPS Scheme | Controlling and Storing the Data Using Raspberry pi Data-logger | Rs.7500/- | 2022 |
| 02 | TNSCST | Solar Still PCM based Sound Agitaed Water purifier | Rs.7500/- | 2023 |
| 03 | SRIT-RPS Scheme | SRIT E RICKSHAW | Rs.50000/- | 2023 |
| 04 | SNR TRUST | SRIT GO KART | Rs.1,90,000/- | 2023 |

IPR-Design Application

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| 01 | Solar Still Design | 336830-001 | India(2020) | Granted |
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| 24 | Bottle | 382812-001 | India | Publication Date:03/04/2023 |
| 25. | Glazred Bed Bi- fluid Solar Photovoltaic Thermal System | 382813-001 | India | Granted |

Paper Published:

- [01] R. Immanual , K. Kannan b, B. Chokkalingam , B. Priyadharshini , J. Sathya , S. Sudharsan , E. Raghu Nath. Performance Prediction of solar still using Artificial neural network, Vol. 72 , Part 1, 2023.
- [02] S. Selvalakshmi , R. Immanual , B. Priyadharshini , J. Sathya, Artificial neural network (ANN) modelling for the thermal performance of bio fluids, Vol 66, Part 3, 2022.
- [03] Chokkalingam, B., Priya, M., Immanual, R., & Varun, B. (2022). Identification of the Root Causes for Blowhole Defect in Castings Using Quantitative Risk Ishikawa Diagrams. Journal of Advanced Manufacturing Systems, 21(02), 367-392.

Conference Awards:

- [01] Best paper (First) in the research conclave 2022 organized by PSG College of technology during June 3-4 2022 (Rs.5000/- Cash Award).