

ASME-SRIT STUDENTS SECTION



SETTING THE STANDARD

SRIT STUDENT SECTION

ABOUT ASME STUDENT SECTION



ASME helps the global engineering community develop solutions to real-world challenges. Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization that enables collaboration, knowledge sharing, and skill development across all engineering disciplines, while promoting the vital role of the engineer in society. ASME codes and standards, publications, conferences, continuing education, and professional development programs provide a foundation for advancing technical knowledge and a safer world. In 2020, ASME formed the International Society of Interdisciplinary Engineers (ISIE) II & III LLC, a new for-profit subsidiary to house business ventures that will bring new and innovative products, services, and technologies to the engineering community.

ACKNOWLEDGEMENT

"Behind every achievement lies an unfathomable sea of gratitude to those who actuated it; without them, it would never have come into existence." We sincerely thank the SNR Management Trust and Principal Dr. M Paulraj for providing access to essential technological resources. We sincerely thank Dr. B Chokkalingam, HOD/MECH, for his continuous guidance and encouragement. Special thanks to Mr. R Immanuel, AP/MECH, for his instrumental role in initiating the ASME-SRIT Student section at our college. We deeply thank all teaching and non-teaching staff across every department for their unwavering support and interest in the ASME-SRIT Student Section. In this spirit, we lay these words of gratitude, imprinted within us, to all those who have made this achievement possible.

SEMESTER REPORT OF ASME-SRIT STUDENT SECTION



The Board of Governors have established
A Student Section at

Sri Ramakrishna Institute of Technology

As evidenced by this Charter signed by the officers of the Society

Date of Establishment

2023

Mahantesh Hiremath
President



Thomas Costabile, P.E.
Executive Director



MEMBERS



DEVARUBAN U
Chair Person



SUMAN NATH S
Vice - Chair person



HEMAVARSHINI S
Secretary



SAKTHIPRASANTH V K
Vice Secretary



BHUVANESHWARAN R
Treasurer



PRASANNARAJ J
Events Manager



AKILAN A
Maintenance Head



SANJAYKUMAR S
Circuit Design Head



GOWTHAM M
Electrical Testing Head



DHANUSH KARTHIK J
Design Head



SRIRAM M
Social Media Head



VISHAL M
Manufacturing Head



ASME_SRIT





MEMBERS



HARI HARAN M
HR Head



AJAY VARDHANAN.J.V
Member



BHARATH P I
Member



MANUSHREE A
Member



BHARATH E
Member



SIDDHARTH A
Member



NALLASIVAN B
Member



ASME_SRIT





ESTEEMED ADVISORS



IMMANUAL R
FACULTY ADVISOR



KIRTHIKA K M
FACULTY ADVISOR



SANJANA N
FACULTY ADVISOR



SHANMUGAM S
FACULTY MENTOR



ASME_SRIT



BEST HOME IN TOWN

DATE:03.09.2023

DAY: SUNDAY

ABOUT THE EVENT:

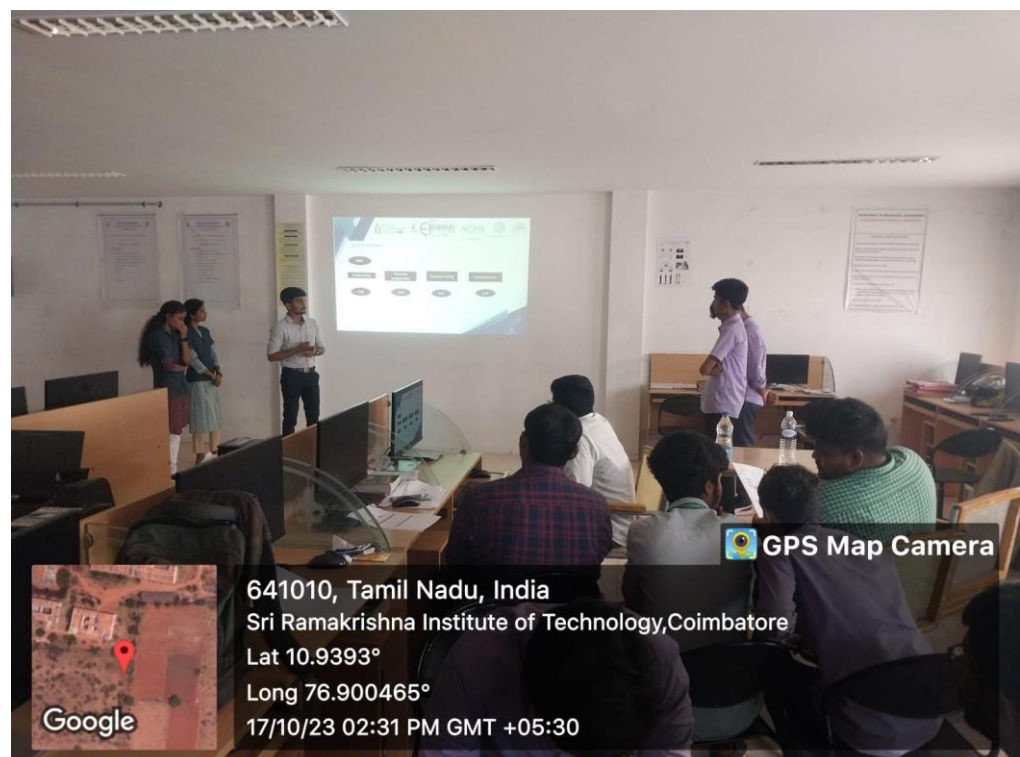
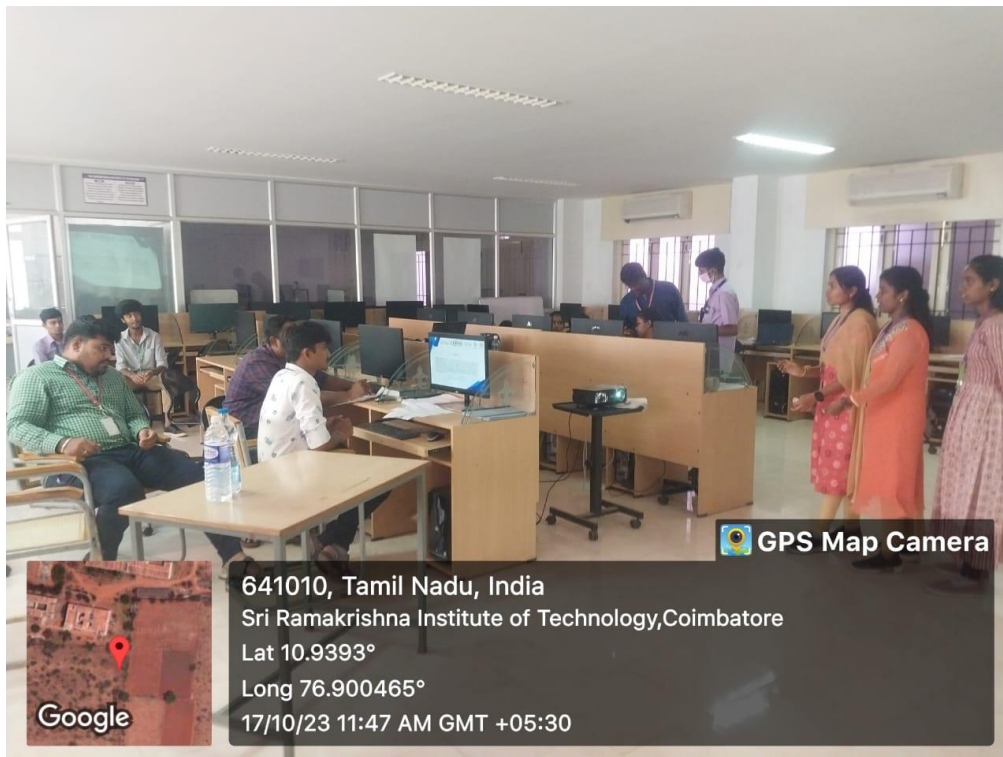
- Our Faculty Advisor has instituted a meaningful tradition of celebrating achievements by visiting an old age home to serve food to the residents.
- This practice not only fosters a sense of social responsibility among the students but also provides a unique learning experience outside the classroom.
- The recent visit to the old age home was a profound and enriching experience for all the participants, offering valuable lessons in empathy, compassion, and the importance of inter-generational connections.

MOMENTS OF VISIT:





EVENT PHOTOS:





ACHIEVEMENTS

ASME E FEST

DATE:16.03.2024

DAY: SATURDAY

ABOUT THE E-FEST:

- ASME E-FEST was conducted on March 16th, 2024.
- ASME Engineering Festivals (E-Fests) bring together students and young engineers worldwide in a digital environment to celebrate engineering and boost their careers.
- These events feature innovation challenges, resume-building opportunities, employer networking, and exciting competitions.



Brought to you by ASME Engineering Festivals™.

OVERALL PERFORMANCE IN ASME E-Fest:

- ASME E-FEST was conducted on March 16th, 2024.
- Members of the ASME-SRIT STUDENT SECTION attended various sessions.
- The Digital Scavenger Hunt was conducted and gift cards worth Rs.1200 and Rs. 6000 were received by the members.
- Our team **SIMBA** participated in **XRC AUTONOMOUS VEHICLES** securing 3rd place and winning 75 Dollars of cash prize.



ASME COMPETITION LEADERBOARD:

- Our Institution secured the 1st position by accumulating the most points through exceptional 1st, 2nd, and 3rd place finishes, propelling SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY to the top of the leaderboard.
- Our institution demonstrated excellence across multiple domains, showcasing strong communication skills and outstanding design and building capabilities.
- This recognition sets a strong foundation for future growth and continued success in upcoming competitions and endeavors.





University/School Name	1st Place	2nd Place	3rd Place	Best Technical	POINTS SCORED
Sri Ramakrishna Institute of Technology (SRIT)	2	1	1	0	163
Shiv Nadar Institution of Eminence	2	2	0	0	145
KLS Gogte Institute of Technology	3	2	0	0	112
University of Central Florida (UCF)	1	1	2	0	110
Mar Athanasius College of Engineering (MACE)	0	2	0	0	97
Ecole de Technologie Supérieure (ETS)	2	2	0	0	90
IIST Shibpur	1	3	0	0	81
NIT Rourkela	0	2	2	0	76
University of Wisconsin, Madison	3	0	1	0	75
Milwaukee School of Engineering (MSOE)	1	0	2	0	70
NIT Silchar	0	0	1	0	66
Notre Dame University - Louaize	2	3	1	2	64
University of Missouri Science and Technology	0	3	0	0	62
University of California, Berkeley	1	1	0	0	60
Egypt-Japan University of Science and Technology (EJUST)	1	0	0	0	58

Best Communicators



Air University

32



IEST Shibpur

30



Notre Dame University -
Louaize

30



Sri Ramakrishna Institute
of Technology (SRIT)

22



San Jose State University
(SJSU)

20

Best Designers & Builders



Sri Ramakrishna Institute
of Technology (SRIT)

80



Mar Athanasius College
of Engineering (MACE)

70



Shiv Nadar Institution of
Eminence

65



University of Missouri
Science and Technology

57



Egypt-Japan University of
Science and Technology
(EJUST)

55



PRESENTED BY



PATENTS

- In the past academic year, our faculty advisors, Mr. Immanuel R, Mrs. Kirthika M, and Ms. Sanjana, along with students have been granted three patents and have filed approximately nine additional patent applications.

पेटेंट कार्यालय, भारत सरकार | The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No.: 410458-001

तारीख / Date: 14/03/2024

पारस्परिकता तारीख / Reciprocity Date*: -

देश / Country: -

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो BONGOS SENSOR STAND से संबंधित है, का पंजीकरण, योपी 17-04 में 1.K. M. Kirthika 2. N. Sanjana 3.Immanuel R 4.S. Hema Varshini 5.K. Bhuvaneshwari 6.S. Suman Nath 7.P. I. Bharath 8.B. Nallasivan 9.A. Siddharth के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है:


Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 17-04 in respect of the application of such design to BONGOS SENSOR STAND in the name of 1.K. M. Kirthika 2. N. Sanjana 3.Immanuel R 4.S. Hema Varshini 5.K. Bhuvaneshwari 6.S. Suman Nath 7.P. I. Bharath 8.B. Nallasivan 9.A. Siddharth.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यायीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.


जारी करने की तिथि: 19/05/2024

नियंत्रक पेटेंट, डिजाइन और ट्रेड मार्क
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुपस्थिती यह है तथा देश का नाम डिजाइन का आवधिकार पंजीकरण की तारीख से दस वर्षों के लिए द्वेष विचार विचार, अधिनियम एवं नियम के निर्धारण के अधीन पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाही में अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
The reciprocity date (if any) which has been afforded and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.




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BUREAU OF PATENTS



भारत सरकार

ORIGINAL
क्रम सं/Serial No.: 164258



पेटेंट कार्यालय, भारत सरकार **The Patent Office, Government Of India**

डिजाइन के पंजीकरण का प्रमाण पत्र **Certificate of Registration of Design**

डिजाइन सं. / Design No. 405437-001

तारीख / Date 23/01/2024

पारस्परिकता तारीख / Reciprocity Date*

देश / Country


प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **WATER TAP WITH CUP HOLDER** से संबंधित है, का पंजीकरण, श्रेणी 23-01 में 1.Ms. Sanjana N 2. Ms. Kirthika K M 3.Immanuel R 4.Dr. Elangovan Thangapandian 5.Arul R 6.Ajay Vardhanan .J V के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-01 in respect of the application of such design to **WATER TAP WITH CUP HOLDER** in the name of 1.Ms. Sanjana N 2. Ms. Kirthika K M 3.Immanuel R 4.Dr. Elangovan Thangapandian 5.Arul R 6.Ajay Vardhanan .J V.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याख्यान प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि:
Date of Issue

12/04/2024



न्यायियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का व्यावहारिक पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अवधिक अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India
डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 395903-001
तारीख / Date : 25/09/2023
परस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *WATER TAP WITH MOBILE STAND* से संबंधित है, का पंजीकरण, श्रेणी 23-01 में 1.R. Immanuel 2. K. Sheela Sobana Rani 3.M. Yuvaraju 4.J.V. Ajay Vardhanan S.P.I. Bharath के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-01 in respect of the application of such design to *WATER TAP WITH MOBILE STAND* in the name of 1.R. Immanuel 2. K. Sheela Sobana Rani 3.M. Yuvaraju 4.J.V. Ajay Vardhanan S.P.I. Bharath.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 30/10/2023
Date of issue




सहायक नि. डिजाइन और वाणिज्य चिह्न
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न्यायपरिकल्पना करीब (यदि कोई हो) डिजाइन अंगुली से नहीं है तथा देश का नाम, डिजाइन का आविष्कारक पंजीकरण की श्रेणी में एक वर्ष के लिए होना डिजाइन विवरण, अधिनियम एवं नियम के विवरणों के अंतर्गत, यदि कोई हो अधिनियम अंतर्गत के लिए किया जा सकता है। इस प्रकार एक का प्रत्यक्ष विवरण उपलब्ध नहीं है।
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

OUR FACULTY MEMBERS ACHIEVEMENTS

- Our Faculty Advisor Mr. Immanual. R was appointed as Member-at-Large in the ASME Tamil Nadu Section Leadership Team for 2023-2024, the position was awarded in 2023 and is currently being served with dedication and commitment.
- Mr. R. Immanual was also awarded a Certificate of Commendation, for participating in the 2nd National Drone Ranking event organized by Chhatrapati Shahu Ji Maharaj University in collaboration with the International Aviation Games Board (BIAG) and Aviation & Space Federation for Universe (ASFU) on April 1st, 2023.





CERTIFICATIONS AND FACULTY DEVELOPMENT PROGRAMS

- Our faculty advisors have completed various online courses aimed at improving the learning experience. Additionally, they have also participated in faculty development programs that lasted for 2 weeks.



OUR STUDENT MEMBERS ACHIEVEMENTS

KART RACING CHAMPIONSHIP- SEASON: 3


- Our team, **GARUDANS**, achieved outstanding success in the KART RACING CHAMPIONSHIP- SEASON 3, which took place from February 26th to 29th, 2024 at Kari Motors Speedway, Coimbatore. We secured several awards during the event.
 - First Vehicle Inspection and Acceptance Protocol Clearance Award- ₹5,000
 - Best Aesthetics- ₹5,000
 - Best Lightweight
 - Best Design & CAE Award
 - Female Endurance Award

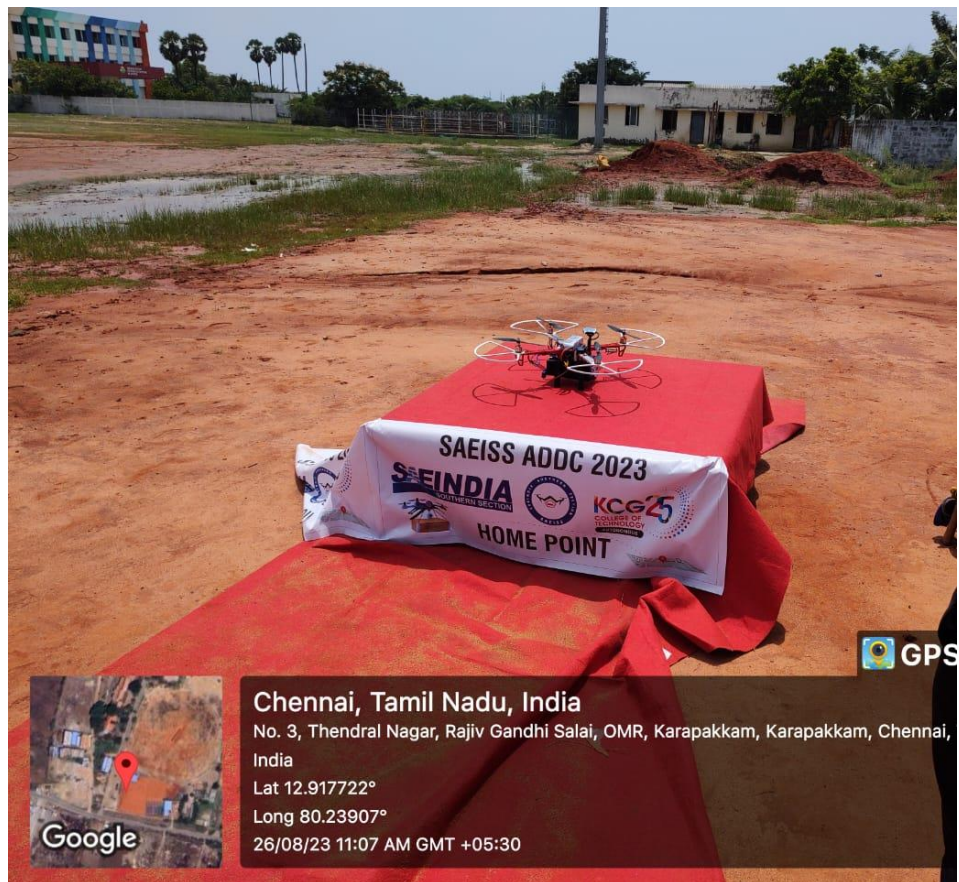




AUTONOMOUS DRONE DEVELOPMENT CHALLENGE, 2023

- Our team, **GARUDANS**, participated in the ADDC 2023 organized by the SAEINDIA Southern Section on August 25th and 26th, 2023, at KCG College of Technology in Chennai.
- Our team secured the 13th position out of 33 teams. This accomplishment is truly remarkable considering that it was our first time participating in this competition.

 SAEISS AUTONOMOUS DRONE DEVELOPMENT COMPETITION (ADDC) 2023			
Overall Ranking			
Team ID	Team Name	College Name	Ranking
ADDC2023011	THESTRAL	Fr. Conceicao Rodrigues Institute of Technology, Maharashtra	1
ADDC2023019	aeroKLE Aero Design Team	KLE Technological University, Hubballi	2
ADDC2023005	Aerotech Ascenders	R.M.K ENGINEERING COLLEGE, Chennai	3
ADDC2023030	TEAM PUSHPAK	MVSR Engineering College, Hyderabad	4
ADDC2023021	Hermes	Kumaraguru College Of Technology, Coimbatore	5
ADDC2023028	TEAM AIROS	CHENNAI INSTITUTE OF TECHNOLOGY, Chennai	6
ADDC2023020	Team Eureka	University College of Engineering, Osmania University, Hyderabad	7
ADDC2023036	HAWKERS	JAMIA MILLIA ISLAMIA, New Delhi	8
ADDC2023001	DHULE TECHNOS	SVKM's IOT, DHULE	9
ADDC2023002	Phoenix Aero	Sardar Vallabhbhai National IT, Surat	10
ADDC2023015	Aerostars	Maharaja Agrasen Institute of Technology, Delhi	11
ADDC2023007	YAN	Shri Govindram Seksaria Institute of Technology and Science, MP	12
ADDC2023040	Garudans	Sri Ramakrishna Institute of Technology, Coimbatore	13
ADDC2023009	Ghandiva MLRIT	MLR Institute of Technology, Hyderabad	14
ADDC2023026	Aselepius	Amrita Vishwa Vidyapeetam, Ettimadai, Coimbatore	15
ADDC2023024	The Third Dimension	National Institute of Technology, Tiruchirappalli	16
ADDC2023035	Robothood	Easwari Engineering College, Chennai	17
ADDC2023006	PERFECT	BANNARI AMMAN INSTITUTE OF TECHNOLOGY, Sathyamangalam	18
ADDC2023041	Team Albatross	Maharaj Vijayaram Gajapathi Raj College of Engineering, Vizianagaram, Andhra Pradesh	19
ADDC2023039	FAUX-BOURDON	Veltech Multitech Engineering College, Chennai	20
ADDC2023018	THE FALCONS	University College of Engineering, Osmania University, Hyderabad	21
ADDC2023042	IMMORTALS	KCG COLLEGE OF TECHNOLOGY, Chennai	22
ADDC2023010	Club Aerounwired	National Institute of Technology, Calicut	23



OUR ASME-SRIT STUDENT SECTION PICS





OUR EDITORIAL TEAM



MANUSHREE A
Editor-in-Chief



AJAY VARDHANAN.J.V
Managing Editor



BHARATH P I
Copy Editor



BHARATH E
Photographer



SIDDHARTH A
Content Editor



NALLASIVAN B
Features Editor



ASME_SRIT



OUR ACHIEVEMENT
CONTINUES.....