



SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC 'A+' | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



AUTOMOBILE CLUB - ANNUAL REPORT Academic Year 2022-2023

S.No	Date	Event Name	No. of beneficiary
1	02.06.22	Seminar on "Discussion of dual fuel engine development project" in asociation with SAEIndia	15
2	27.08.22	Alumnus Interaction: Webinar on SAE BAJA Strategies Revamped	34
3	23.09.22	Seminar on "Product Design and Manufacturing Using CAD/CAM/3D printing Technique"	30
4	29.09.22 &30.09.22	Two days hands on Training on "Electric Vehicles"	19
5	10.10.22	Guest Lecture on "Air Pollution and control systems"	82
6	17.11.22	AutoPhiles : Talent Hunt	63
7	23.11.22	Guest Lecture on "Entrepreneurship Referral Marketing Program"	118
8	03.02.23	Auto Hub: A Skill Development Program and activity	148
9	23.03.23	Autosite: Deploy draft and Focus on figure a competition	38
10	09.06.23	Uses of AI and its applications in Autonomous vehicles	60
11	23.06.23	Evolution of Autonomous vehicles	43



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1. Dual Fuel Engine development

Sairam **SAI RAM INSTITUTE OF TECHNOLOGY** **RAISE EOMS** **ARHA** **NIRF** **201-250** **GOALS**

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DEPARTMENT OF MECHANICAL ENGINEERING
(Personal Attention & Parental Care)
in association with
SAEINDIA
Society of Automotive Engineers INDIA

organizing Seminar on
**"Discussion on
Dual fuel engine development Project"**

Expert Lecture by
Mr.U.Balamurugan
Director - Technical
Abhivijay Technologies Pvt Ltd
Govt approved CNG retrofitter

Date: 02.06.22, Thursday
Time: 9.30am
Venue: 3rd floor seminar hall

Mr.J.M.Prabhudass Co-ordinator
Dr.S.Murali HoD / Mechanical
Dr.K.Palanikumar Principal / SIT
Shri.Sai Prakash LeoMuthu Chairman & CEO, Sairam Institutions

Event title	Dual Fuel Engine development
Date	02.06.2022
Duration	2.00 Hrs
No. of participants	15
Outcome of the event	Training on the development of Dual fuel Engine
Amount Spent	Nil



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2. SAE BAJA: Strategies Revamped



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DEPARTMENT OF MECHANICAL ENGINEERING
(Personal Attention & Parental Care)



organizing
Webinar on
SAE BAJA: Strategies Revamped

Hosting through
G-Meet
 on 27.08.2022, Saturday
@ 11.00 am



Expert Talk by
Mr. Saranyan Sankrith S
2015-2019 Batch, Mechanical Engineering
India Design Week Winner-2017
CleverInsighter | SDE&T - Data Engineer
2 X Azure Certified | Ex- TCSer

Mr. J.M. Prabhudass
Co-ordinator

Dr. S. Murali
HoD / Mechanical

Dr. K. Palanikumar
Principal / SIT

Shri. Sai Prakash LeoMuthu
Chairman & CEO, Sairam Institutions

Event title	SAE BAJA: Strategies Revamped
Date	27.08.22
Duration	1.30 Hrs
No.of.participants	34
Outcome of the event	Training on the fabrication of BAJA vehicle
Amount Spent	Nil



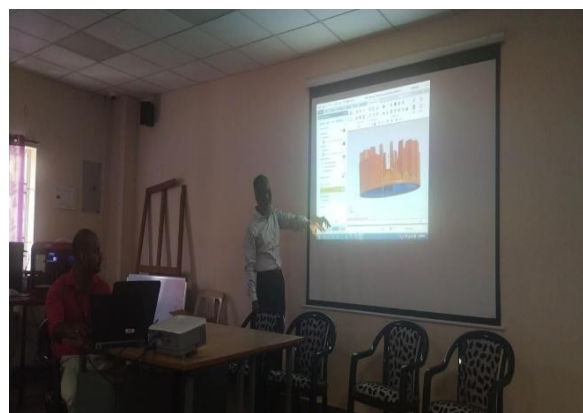
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3. “Product Design and Manufacturing Using CAD/CAM/3D printing Technique”

The poster is for a seminar titled "Product Design and Manufacturing Using CAD/CAM/3D Printing Techniques". It features a blue background with a computer monitor displaying a 3D model of a mechanical part and a 3D printer. The text includes the date "23.09.2022 @ 11 a.m" and venue "Conference Hall". The speaker is "Mr. P.G.Ramanan, Director, CADDAM Technologies Pvt. Ltd, Chennai". The poster also lists several accreditation logos at the top, including RAISE, FOMS, ARHA, NIRF, and Skill Development.



Event title	“Product Design and Manufacturing Using CAD/CAM/3D printing Technique”
Date	23.09.22
Duration	2 hrs
No.of.participants	30
Outcome	Gained knowledge on Product Design and Manufacturing



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4. HANDS ON TRAINING ON “ELECTRIC VEHICLES”



Event title	Two days hands on Training on “Electric Vehicles”
Date	29.09.22 & 30.09.22
Duration	Two days
No.of.participants	19
Outcome	Awareness on electric vehicles and came to know the technologies involved in electric vehicles










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5. AIR POLLUTION AND CONTROL SYSTEMS



**DEPARTMENT OF
MECHANICAL
ENGINEERING**

**SAEINDIA**
Society of Automotive Engineers INDIA


**Sai
SAI RAM
ENGINEERING COLLEGE**
An Autonomous Institution
West Tambaram, Chennai - 44

In Association with
SAEINDIA Collegiate Club

Cordially invite you for the
Guest Lecture on
**Air Pollution and
Control Systems**

10.10.2022, Monday @ 11.00 AM
Venue : Gamma Hall

Mr. P.S Ramesh
EX - President - AIEMA
has kindly consented to be the
chief guest and deliver the lecture



Mr. M.C AnandChakaravarthi : Faculty Advisor | Dr. B. Vijayaraj : HOD / MECH | Dr. A Rajendra Prasad : Dean (Student Affairs) | Dr. K. Porkumaran : Principal | Shri. Sai Prakash LeoMuthu : Chairman & CEO

Event title	Guest Lecture on "Air Pollution and control systems"
Date	10.10.22
Duration	2 hrs
No.of.participants	82
Outcome	Awareness on environmental air pollutions and its effects and control of pollution system



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6. AutoPhiles : Talent Hunt

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ENGINEERING COLLEGE
AUTONOMOUS INSTITUTION
SAI LEONAGAR, WEST TAMBARAM, CHENNAI - 600 044

AUTOPHILES
IT'S JUST A BEGINNING.
THE RACE BEGINS

ROUND 1 [ONLINE]
"TALENT HUNT"
DATE: 16/11/2022
CONDUCTED THROUGH GOOGLE
MEET / ZOOM

ROUND 2 [OFFLINE]
"CON-TAC-TIX"
DATE: 17/11/2022
VENUE: CONFERENCE HALL,
MECHANICAL BLOCK

Scope Members:
Strategist - Mr. J. M. Prabhudass
Captain - Dr. L. Saravanan
Organizer - Dr. S. Arunprasad
Propagator - Mr. Ashwin Sailesh
Executor - Mr. A. Manivannan

Magic Members:
Mastermind - Harivathan R
Advocate - Bharath Ganesh S
Guide - Pooja A
Influencer - Mahizhan S V
Communicator - Rohith S

Dr. S. Arunprasad
Vice-Chancellor
CO-ORDINATOR

Dr. L. Saravanan
Vice-Chancellor
TEAM LEAD

Dr. K. Palanikumar
PRINCIPAL/SIT

Dr. K. Porkumaran
PRINCIPAL/SEC

Shri. Sai Prakash Leo Muthu
CHAIRMAN A ETO
SAIRAM INSTITUTIONS

<https://forms.gle/2UDZ6UZZ8YAS4U1JA>



AutoPhiles Quiz event conducted on 16th and 17th Nov 2022 for both SEC and SIT Automobile club student members -200 students were participated and winners are appreciated with cash prize

Event title	“AUTOPHILES“
Date	16.11.2022 (Round 1) & 17.11.2022 (Round 2)
Duration	2.5 hours
No.of.participants	63
Outcome of the event	Participants were very happy to participate and told us to conduct more event like the same
Amount Spent	Rs. 2000/-



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7. "Entrepreneurship Referral Marketing Program"



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DEPARTMENT OF
MECHANICAL
ENGINEERING

In Association with



SAEINDIA
Society of Automotive Engineers INDIA

Cordially invite you for the

GUEST LECTURE ON

ENTREPRENEURSHIP

REFERRAL MARKETING

PROGRAM

23.11.2022, Wednesday | 11.00 AM | VRR Hall

Mr. SUNIL SETHIA
Regional Director, BNI, Chennai South
has kindly consented to be the chief guest



Mr. R Senthil Kumar
Co-ordinator

Dr. B. Vijaya Ramnath
HOD / MECH

Dr. A. Rajendra Prasad
Dean (Student Affairs)

Dr. K. Porkumaran
Principal

Dr. Sai Prakash LeoMuthu
Chairman & CEO

Event title	Guest Lecture on "Entrepreneurship Referral Marketing Program"
Date	23.11.22
Duration	2 hrs
No.of.participants	118
Outcome	Obtained the knowledge in referral marketing and how to apply it in real life.



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8. Auto Hub: A Skill Development Program and activity



AUTOHUB an awareness event about various autoevents existing in the department conducted for 1st year Mechanical & Mechanical Automation students on 3rd February 2023 for 150 students

Event title	“AUTOHUB“
Date	03.02.2023
Duration	2.5 hours
No. of. participants	148
Outcome of the event	An awareness for various auto events existing in the department conducted for 1 st year Mechanical and Mechanical & Automation



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9. Autosite: Deploy draft and Focus on figure a competition.

SAIRAM ENGINEERING COLLEGE
AUTOMOBILE CLUB

EVENT 1
"DEPLOY DRAFT"
VENUE: 2nd Floor CAD LAB/SIT

MAGIC MEMBERS
Mastermind - Harivathan R
Advocate - Bharath Ganesh S
Guide - Pooja A
Influencer - Mahizhan S V
Communicator - Rohith S

EVENT 2
"PIC ON PIC"
VENUE: 3rd Floor Seminar Hall/SIT

STUDENT COORDINATORS
MECH/SIT
Hari Skandan S
Badrinath Jandhyala
Sabarinath S
Nivas Kumar R

REGISTER!
<https://forms.gio/7ISKYGBso9iVbL66>

DATE: 23/02/23 (THURSDAY)



Autosite competition was held for Automobile club student members for both SEC and SIT on 23rd February 2023.
60 students were participated and winners were honoured with cash prize

Event title	Autosite: Deploy draft and Focus on figure a competition.
Date	23.03.23
Duration	3 hrs
No.of.participants	38
Outcome	Able to know how to read a technical drawing and construct within the preferred time.




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10. Uses of AI and its applications in Autonomous vehicles






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DEPARTMENT OF
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ENGINEERING**





EXPERT TALK ON

USES OF AI AND ITS APPLICATIONS IN AUTONOMOUS VEHICLES

09.06.2023 | 10.30 AM to 12.30 PM
SMART CLASS ROOM

Resource Person

Mr. ANBU CHEZHIAN S
Head, Advanced Engineering,
Global R&D Asia,
Apollo Tyres Ltd., Chennai

Dr. Mareeswaran M
Organizer

Dr. Murali S
HOD/MECH

Dr. K. Palanikumar
Principal

Dr. Sai Prakash LeoMuthu
Chairman & CEO
Sairam Institutions



Event title	Uses of AI and its applications in Autonomous vehicles
Date	09.06.23
Duration	1.30 Hrs
No.of.participants	60
Outcome of the event	Knowledge sharing on AI in Autonomous vehicles



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11. Evolution of Autonomous vehicles



Lecture Meeting

SAEINDIA
SOUTHERN SECTION

SAEISS Oragadam Division Cordially Invites you
for Lecture Meeting
on
Evolution of Autonomous vehicles
Mr. Anbuchezhian S
Head – Advanced Engineering, Global R&D Asia
Apollo Tyres Ltd.

Date: 23rd June 2023 -Time: 10:30 AM - 12.00PM

Venue: Departmental of mechanical Engineering
Sri Sai Ram Institute of Technology,
Sai Leo Nagar, West Tambaram, Chennai-600044

Further Contact : K.Rajrajeswari.,
Secretary, SAEISS - Oragadam Division
k.rajrageswari@garc.co.in

Event title	Evolution of Autonomous vehicles
Date	23.06.23
Duration	1.30 Hrs
No.of.participants	43
Outcome	Know-how of Autonomous vehicles Evolution