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	Hybrid Vehicle Design
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Hindusthan College of Engineering and Technology, Coimbatore

About SAE Club

Society of Automotive Engineers (SAE) is a globally active professional association and standards organization for Engineering Professionals in various industries. Student clubs of SAE from various colleges make sure that they establish a link between the industry and the students.

The club was started in the year 2011 by our mechanical staffs and students of **HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY**. The club also organizes various workshops and seminars every semester to increase awareness among students about the latest trends in the field of automobile, aerospace and advanced mobility. Members of this club also get the privilege to become a member of the esteemed worldwide organization at a very nominal cost and also get access to the SAE research papers along with the membership. The students also get latest insights from the industry in the form of SAE newsletter every month. Most importantly **HICET SAE CLUB** students participate in so many future concept vehicle building competitions all over the country. Our **HICET SAE** Team 'Hindusthani Lahurians' participated and won prizes in prestigious competitions like SAE Efficycle, SAE BAJA, SAE Supra, Hybrid vehicle challenges, Solar vehicle competitions etc., Our students make indigenously built innovative vehicle models and compete with the best teams from top level Engineering institutions all over India. Our team came with flying colors in most of the occasions very consistently for the past 10 years. We have bagged totally around 60 national awards in this duration. This is a remarkable achievement in the national level by any college in this zone. **HICET SAE** club gives plenty of opportunities for students from different discipline to enhance their skills and knowledge. In this mission, the Academia – Industry gap is very much minimized for the budding engineers. Also there is tremendous opportunity to improve leadership skills, creative thinking, team spirit, communications skills etc.

Objective

- To enhance the knowledge base of members who are mobility practitioners within institute
- To provide its members to encourage participating in different SAE competitions like BAJA, SUPRA, EFFICYCLE etc.
- To develop report writing and presentation abilities of students
- To provide a forum for members to informally exchange views and ideas.

All Terrain Vehicle Design



E BAJA

2019-2020

Organized by:

SAEINDIA

Event Venue:

Pithampur, Madhya Pradesh

Team Name:

Hindusthani Lahurians

Date of Event:

Jan 20th, 2020

No of Students:

25

Achievements

Score of 1231 points

Overall rank:

45th rank all over India



RCDC

Organized by:	Rally Car Design Challenge (RCDC) 2019
Event Venue:	Thar Desert, Bikaner, Rajasthan.
Team Name:	Hindusthani Lahurians
Date of Event:	October 7, 2019
No of Students:	25
Achievements	<ul style="list-style-type: none"> • Securing 1st prize in Endurance Race • 2nd prize in Acceleration • Overall 1st Place in Dynamic Events
Overall rank	1 th rank all over India
Social Media link:	https://www.facebook.com/rcdcindiaofficial/videos/869434853518689

2018-2019



2017-2018

SAE BAJA

SAEINDIA

Organized by:

Event Venue:

Team Name:

Date of Event:

No of Students:

Achievements

Overall rank

Punjab

Hindusthani Lahurians

13th -16th March 2018

25

Score of 1231 points

- **9th rank all over India with a score of 538 points**
- **3rd position among the teams from Tamil Nadu**



2016-2017

	<h2>Mega ATV</h2>
Organized by:	Auto sports India
Event Venue:	Dr.V.V.Patil college of engineering" at Ahmednagar, PUNE.
Team Name:	Hindusthani Lahurians
Date of Event:	13th-16th MARCH 2017
No of Students:	25
Achievements	6th position in Endurance
Overall rank	<ul style="list-style-type: none"> • 13th rank all over India with a score of 338 points • 1rd position among the teams from Tamil Nadu
Social Media link:	https://youtu.be/1j-MJAn_Ug0



2015-2016

	SAE BAJA
Organized by:	SAEINDIA
Event Venue:	Pithampur, Madhya Pradesh
Team Name:	Hindusthani Lahurians
Date of Event:	13 th -16 th March 2017
No of Students:	25
Achievements	Best Cost Report Award
Overall rank	<ul style="list-style-type: none"> • 41th rank all over India with a score of 1275 points • 6th position among the teams from Tamil Nadu



SAE BAJA

Organized by:

SAEINDIA

Event Venue:

Pithampur, Madhya Pradesh

Team Name:

Hindusthani Lahurians

Date of Event:

20th Feb 2016

No of Students:

25

Achievements

2nd position in INNOVATION among 150 colleges

Overall rank

- **41th rank all over India with a score of 1275 points**
- **6th position among the teams from Tamil Nadu**

2014-2015

Hybrid Tricycle Design



SAE Efficycle

Organized by:	SAEINDIA
Event Venue:	LPU University , PAHWARA , PUNJAB , INDIA
Team Name:	Hindusthani Lahurians 9.3
Date of Event:	NOV 21 to 24 \ 2022
No of Students:	13
Achievements	Overall Dynamic Events winner
Overall rank:	3 rd rank all over India

2022-2023



SAE Efficycle

Organized by:

SAEINDIA

Event Venue:

Lovely Professional University, Jalandhar, Punjab.

Team Name:

HINDUSTHANI LAHURIANS 9.2

Date of Event:

November 21, 2022

No of Students:

13

Achievements

- 1st Overall Dynamic Runnerup
- Best Aesthetic Award

Overall rank

3rd rank all over India with a score of 1002 points.

2022-2023



SAE Efficycle

Organized by:

SAEINDIA

Event Venue:

Lovely Professional University, Jalandhar, Punjab.

Team Name:

HINDUSTHANI LAHURIANS 9.1

Date of Event:

November 21, 2022

No of Students:

13

Achievements

- **Effi que** - 1st Overall Dynamic Runnerup
- **Advance**-Best Design award
Best vehicle Aesthetics award
- **Conventional** – Best Vehicle aesthetics award
Dynamic Events first position award

Overall rank

3rd rank all over India with a score of 936 points.

2022-2023



SAE Efficycle

Organized by:

SAEINDIA

Event Venue:

Lovely Professional University, Jalandhar, Punjab.

Team Name:

Hindusthani Lahurians

Date of Event:

October 9, 2019

No of Students:

13

Achievements

- First prize in Acceleration
- First position in Endurance

Overall rank

3th rank all over India and first position in southern India

2019-2020



SAE Efficycle

Organized by:

SAEINDIA

Event Venue:

Lovely Professional University, Jalandhar, Punjab.

Team Name:

Hindusthani Lahurians

Date of Event:

October 9, 2018

No of Students:

10

Achievements

Second prize in acceleration

Overall rank

**5th rank all over India with a score of 1231 points
One and only award winners from south India**

2018-2019



2017-2018

	<h1>Cross Trike</h1>
Organized by:	Blizzard motor sports
Event Venue:	Natrix, Pune
Team Name:	Hindusthani Lahurians
Date of Event:	28-31 December , 2017
No of Students:	10
Achievements	<ul style="list-style-type: none"> • First prize in rumble strip. • First prize in design. • First prize in business plan. • First prize in acceleration. • First prize in buildup quality. • First prize in Endurance Run. • Overall RUNNERUP.
Overall rank	<p>2nd rank all over India with seven trophies</p> <p>1st position among the teams from Tamil Nadu</p>



SAE Efficycle

Organized by:	SAEINDIA
Event Venue:	Lovely Professional University, Jalandhar, Punjab.
Team Name:	Hindusthani Lahurians
Date of Event:	October 12, 2016
No of Students:	10
Achievements	13 rd place in the Endurance run
Overall rank	15 th rank all over India out of 234 teams 3 rd position among the teams from Tamil Nadu

2016-2017



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SAE Efficycle

Organized by:	SAEINDIA
Event Venue:	Lovely Professional University, Jalandhar, Punjab.
Team Name:	Hindusthani Lahurians
Date of Event:	October 18, 2015
No of Students:	10
Achievements	“Best Built up Quality” Award
Overall rank	7 th rank all over India with a score of 1055 points 2 nd position among the teams from Tamil Nadu

2015-2016



SAE Efficycle

Organized by:	SAEINDIA
Event Venue:	UIET, Chandigarh, Punjab
Team Name:	Hindusthani Lahurians
Date of Event:	9th-12th October, 2014
No of Students:	10
Achievements	13 th place in the Endurance run
Overall rank	15 th rank all over India out of 234 teams 3 rd position among the teams from Tamil Nadu

2014-2015

F1 Vehicle Design



2018-2019

	SAE SUPRA
Organized by:	SAEINDIA
Event Venue:	Buddh International Circuit, Delhi
Team Name:	Hindusthani Lahurians
Date of Event:	July 2019
No of Students:	25
Achievements	Nil
Overall rank	45 th rank all over India

Solar Vehicle Design



2021-2022

Solar Competition	
Organized by:	SEVC
Event Venue:	Hindusathan College Coimbatore
Team Name:	Hindusthani Lahurians
Date of Event:	1 to 4 Aug 2022
No of Students:	25
Achievements	<ul style="list-style-type: none"> • Won first prize in Maneuverability test (a cash prize of Rs3000) • Won first prize in solar endurance.
Overall rank	Over all II rank in solar category
Social Media link:	https://youtu.be/hW9K3Ik56KQ



Solar Competition

Organized by:	RSTE visionary award
Event Venue:	Hindusathan College Coimbatore
Team Name:	Hindusthani Lahurians
Date of Event:	27 th Feb 2020
No of Students:	30
Achievements	RSTE visionary award
Overall rank	12 rd rank all over India with one award

2020-2021



Solar Competition

Organized by:

SUVC

Event Venue:

Hindusathan College Coimbatore

Team Name:

Hindusthani Lahurians

Date of Event:

27th Feb 2020

No of Students:

30

Achievements

- Best Acceleration award
- Best Auto Cross award
- Endurance first
- Social Buzz award
- RSTE visionary award
- Team sprit award
- Overall RUNNERUP award.
- and dronacharya award.

Overall rank

2rd rank all over India with one award

2018-2019



Solar Competition

Organized by:

SUNC

Event Venue:

Gwalior, Madhya Pradesh

Team Name:

Hindusthani Lahurians

Date of Event:

29-03-2018 to 02-04-2018

No of Students:

25

Achievements

- Best safety award.
- Best light weight award.
- Overall RUNNERUP award.
- 2nd position in acceleration.

Overall rank

2rd rank all over India with Six award

2017-2018



Solar Competition

Organized by:

SUVC

Event Venue:

Vishnu College of Engineering, Andhra Pradesh

Team Name:

Hindusthani Lahurians

Date of Event:

29-03-2017 to 02-04-2017

No of Students:

25

Achievements

- Appreciation Award
- Gogreen Award

Overall rank

3rd rank all over India with a score of 1088 points

2016-2017

Hybrid Vehicle Design



	<h2>Hybrid</h2>
Organized by:	ISIE
Event Venue:	Buddh International Circuit, Greater Noida, Uttar Pradesh.
Team Name:	Hindusthani Lahurians
Date of Event:	16-02-2017 to 19-02-2017
No of Students:	25
Achievements	<ul style="list-style-type: none"> • Future award with cash prize one Lakh • Best innovation award worth of Ten thousand • Best selfi contest award worth of Ten thousand • Gogreen award.
Overall rank	11 th rank all over India with a score of 506.2 points 2 nd position among the teams from Tamil Nadu

2016-2017



Hybrid

Organized by:	ISIE
Event Venue:	RPM Circuit, Pune.
Team Name:	Hindusthani Lahurians
Date of Event:	11-01-2016 to 14-01-2016
No of Students:	25
Achievements	<ul style="list-style-type: none"> • Best acceleration award worth of Ten thousand • Endurance runner up award worth of Ten thousand
Overall rank	11 th rank all over India with a score of 506.2 points 2 nd position among the teams from Tamil Nadu

2015-2016

Overall Achievements

YEAR	EVENT	NO OF STUDENT	ORGANIZED BY	AWARD	CASH PRIZE
2014-2015	EFFICYCLE	10	SAE	23 rd place in the Endurance run	-
	BAJA	20	SAE	2 nd place In INNOVATION	-
2015-2016	EFFICYCLE	10	SAE	BUILD UP QUALITY Award	10,000/-
	BAJA	20	SAE	Best Cost Report Award	-
	HYBRID	30	ISIE	<ul style="list-style-type: none"> • Best Acceleration Award • Endurance Runner Up Award 	10,000/-
2016-2017	EFFICYCLE	10	SAE	3 rd Place In Endurance Run	-
	HYBRID	30	ISIE	<ul style="list-style-type: none"> • FUTURE AWARD • BEST INNOVATION AWARD • BEST SELFI CONTEST AWARD • GOGREEN AWARD 	1,00,000/- 10,000/- 10,000/-
	SOLAR	25	ISIE	<ul style="list-style-type: none"> • APPRECIATION AWARD • GOGREEN AWARD • Overall Third Rank 	-
2017-2018	MEGA ATV	20	AUTOSPORTS INDIA	<ul style="list-style-type: none"> • Drag Race 11th place • Flat Dirt Race 10th place • Mountain Ride 30th place • Armageddan Track Ride 8th place • Night ride 8th place 	-
	CROSS TRICK	10	CROSS TRICK	<ul style="list-style-type: none"> • First prize in rumble strip. • First prize in design. • First prize in business plan. • First prize in acceleration. • First prize in buildup quality. • First prize in Endurance Run. • Overall RUNNERUP. 	10,000/- 10,000/- 10,000/- 10,000/- 10,000/- 25,000/- 50,000/-

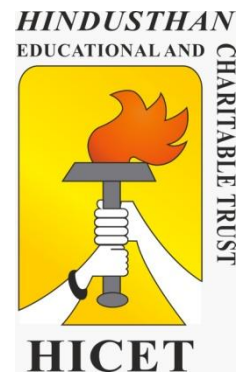
	SOLAR	25	SUVC	<ul style="list-style-type: none"> • Best safety award. • Best light weight award. • Overall RUNNERUP award. • 2nd position in acceleration. 	5,000/- 5,000/- 30,000/- 5,000/-
2018-2019	EFFICYCLE	10	SAE	<ul style="list-style-type: none"> • Second prize in acceleration. 	10,000/-
	BAJA	20	SAE	28 th position in Endurance	-
	SUPRA	30	SAE	31 st position in Endurance	-
	SOLAR	25	SUVC	<ul style="list-style-type: none"> • Best Acceleration award • Best Auto Cross award • Endurance first • Social Buzz award • RSTE visionary award • Team sprit award • Overall RUNNERUP award. • Dronacharya award. 	5,000/- 5,000/- 10,000/- 5,000/- 5,000/- 5,000/- 30,000/-
2019-2020	RCDC	25	RCDC	<ul style="list-style-type: none"> • Securing 1st prize in Endurance race • 2nd prize in Acceleration • Overall 1st Place in dynamic events 	25,000/- 10,000/- 75,000/-
	EFFICYCLE	10	SAE	<ul style="list-style-type: none"> • First prize in acceleration. • First position in endurance • Dronacharya award. 	15,000/-
	E-BAJA	25	SAE	25 th position in Endurance	-
	SOLAR	25	SUVC	<ul style="list-style-type: none"> • RSTE visionary award 	5,000/-
2020-2021	EFFICYCLE	10	SAE	48 th Rank	-
	SOLAR	25	SUVC	8 th Rank	-
2021-2022	Bicycle	6	SAE	Best maneuverability	12,000/
	SEVC BV	30	SEVC	Best maneuverability Endurance first Overall dynamic Champion	15,000/-

	SEVC EV	30	SEVC	Endurance first Acceleration first Overall Runner-up Champion	37,000/-
2022-2023	EFFICYCLE Quard	13	SAE	<ul style="list-style-type: none"> • 1st runner up in Overall dynamics 	15,000
	EFFICYCLE advance	13	SAE	<ul style="list-style-type: none"> • Best aesthetics award • Best design award 	10,000
	EFFICYCLE Conventional	13	SAE	<ul style="list-style-type: none"> • 1st runner up in overall dynamic event • Best aesthetics award 	10,000
TOTAL				78 AWARDS	Rs. 6,14,000/-

Gallery



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STUDENT AWARDS

