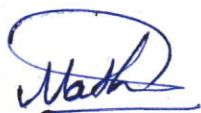


**Club: HICET SAE COLLEGIATE CLUB**

Academic Year:2021-2022

**INDEX OF EVENTS**

Activity	Date	Name of the Event	Number of Participants
1	21/12/2020	SAE CLUB INAUGURATION	
2	30-10-2021	Online Workshop on Electric Two Wheeler Design Competition	67
3	07/01/2021	Online Lecture Meet on " Composite Materials For Lightweight Automotive Applications "	57
4	15-12-2021	Online Lecture Meet on Overview of Electric Vehicle Power Train	53
5	5&6-12-2021	SAEISS BICYCLE DESIGN Workshop	69
6	17-12-2021	One week Online Training Program on Modelling and Analysis Software's	175
7	4&5-1- 2022	Two days hands on training in Innovative future concept vehicle design	27
8	12-1-2022	Online Lecture Meeting on Smart Manufacturing with robotics	110
9	12-4-2022	Online Lecture Meeting on Application of cast iron in automobile	67
10	22&23-4-2022	SAE Terkking to Anaikatti Hills	52
11	26/05/2022	RIVALS Mini bike Competition	42
12	21-22/06/2022	Bicycle Design Competition	7
			10



**Faculty Coordinator**  
**Dr. Y. RAS MATHEV** M.E., Ph.D.,  
Co-ordinator  
**HICET SAE COLLEGIATE CLUB**  
Hindusthan College of Engg & tech  
Coimbatore - 641 032.




**Dr. J. JAY PRAKASH** Ph.D.  
**PRINCIPAL**  
Hindusthan College of Engineering & Technology  
COIMBATORE - 641 032.



# Hindusthan

## College of Engineering and Technology,

Valley Campus, Pollachi Highway, Coimbatore 641 032.

www.hicet.ac.in

### Report for "Smart Manufacturing With Robotics"

Name of the Faculty :Dr. Y. Ras Mathew&Mr.S.Ramkumar	
Department :Mechanical	Designation :Associate Professor,Assistant Professor
Name of the Event:SAE CLUB INAUGURATION	
Level : College Level	
Venue / Mode:Online mode	
No. of Days :1	Dates : 11-1-2021
Funded by : Nil	
No. of Participants : 67	Registration charges (if any) :Nil
Faculties     5	
Students     72	
Externals    01	
Name and Designation of Resource Person(s) :	
Mr.R. Ravi Kumar, Head – Operation, M/s. Roots Multiclean Ltd. Coimbatore.	
Objective:	
To Create Awareness about SAE and its various activites.	
Outcome :	
Student Can able to understand about SAE activities Knowledge about it various students events of SAE	
Remarks and Feedback on the Event:	
Good	
Plan of Implementing in HiCET (if any) :	
Planning to register for SAE bicycle event for this year	

Signature of the Faculty

**Dr. Y. RAS MATHEW, M.E., Ph.D.,**  
Co-ordinator

**HICET SAE COLLEGIATE CLUB**  
**Hindusthan College of Engg &tech**  
**Coimbatore - 641 032.**

HoD

Principal

**PRINCIPAL**

**Hindusthan College Of Engineering & Tech**  
**GOIMBATORE - 641 032.**







# HINDUSTHAN

## College of Engineering and Technology

An Autonomous Institution

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Department of Mechanical Engineering

cordially invites you for the

## SOCIETY OF AUTOMOTIVE ENGINEERS (SAE) COLLEGIATE CLUB

# INAUGURATION

Chief Guest



**Mr. R. Ravikumar**

Head - Operations,  
M/s. Roots Multiclean Ltd,  
Coimbatore.

**NOVEMBER 11, 2021 @ 2.30 PM**  
**PG SEMINAR HALL**

Faculty Coordinator  
Dr. Y.Ras Mathew

Convenor  
Dr. K. Siva

CEO  
Dr. K. Karunakaran



Fig.1 Program Invitation





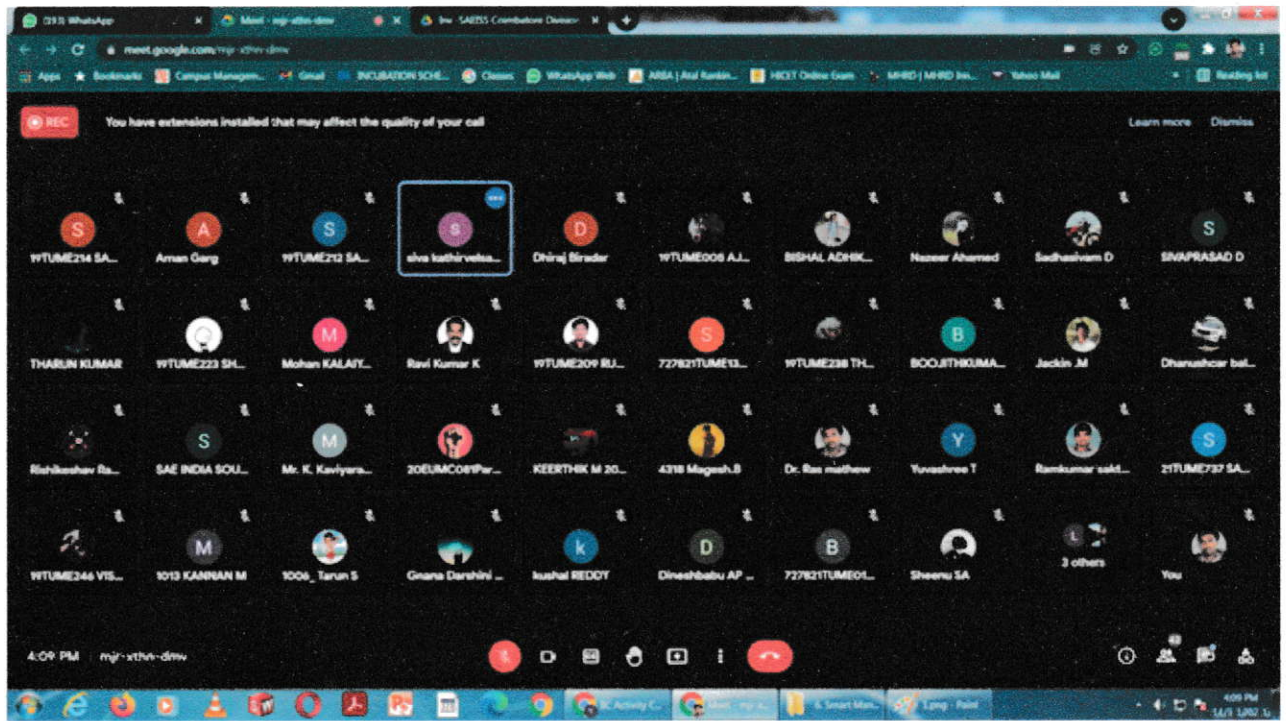
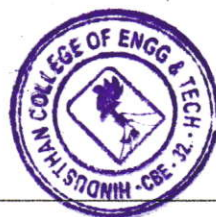


Fig.2 Online Google meet







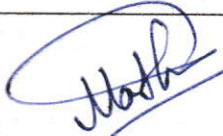


# Hindusthan

## College of Engineering and Technology,

Valley Campus, Pollachi Highway, Coimbatore 641 032.

www.hicet.ac.in

### Report for “Online Workshop on Electric Two Wheeler Design Competition” organized

Name of the Faculty :Dr. Y. Ras Mathew	
Department :Mechanical	Designation : Associate Professor
Name of the Event : <b>Online Workshop on Electric Two Wheeler Design Competition</b>	
Level : State Level	
Venue / Mode : Online	
No. of Days :1	Dates : 30-10-2021
Funded by : Nil	
No. of Participants :57	Registration charges (if any) :Nil
Faculties 6	
Students 49	
Externals 2	
Name and Designation of Resource Person(s) : Mr. Vinodh Simmon . K Champion , ETWDC 2021 SAE INDIA SOUTHERN SECTION CHENNAI	
Objective: To Create Awareness about Electric Vehicle and its Future	
Outcome : Student Can able to understand the benefits of electric vehicles	
Remarks and Feedback on the Event : Good	
Plan of Implementing in HiCET (if any) : Planning to form a team to develop an electric two wheeler	
 Signature of the Faculty <b>Dr. Y. RAS MATHEW, M.E., Ph.D.,</b> Co-ordinator <b>HICET SAE COLLEGIATE CLUB</b> Hindusthan College of Engg &tech Coimbatore - 641 032.	
 HoD	
 Principal <b>PRINCIPAL</b>	

Hindusthan College Of Engineering & Technology  
COIMBATORE - 641 032.







# HINDUSTHAN

**COLLEGE OF ENGINEERING AND TECHNOLOGY**

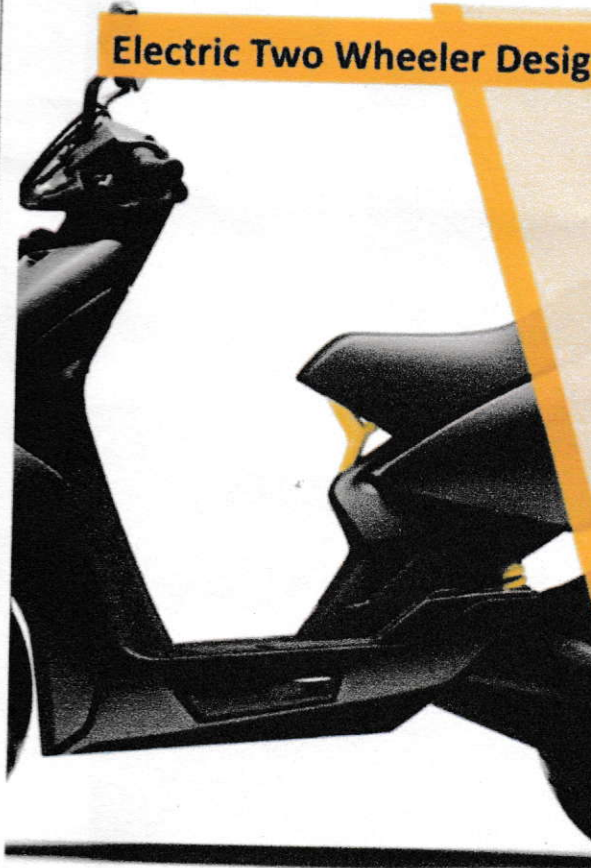
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**Valley Campus, Pollachi Highway, Coimbatore**

**Department of Mechanical Engineering and HICET SAE CLUB**

**Online Workshop on**

**Electric Two Wheeler Design Competition**



SAEISS Cordially Invites you  
for an awareness program on

**" Electric Two Wheeler Design Competition "**

For the Students of

**Coimbatore Division**

**Mr Vinodh Simmon .K**

MC Member, SAE INDIA SOUTHERN SECTION CHENNAI

Champion, ETWDC 2021

Date: 30-10-2021 Time: 10 00 AM- 11 00 AM

**Webex Meeting Joining Information**

Meeting Link : <https://saeiss.webex.com/saeiss/j.php?MTID=m55cb9bd88e3938c8a4806fab5af98014>

Meeting Number: 2512 224 5033

Password : saechennai

For Details contact Dr K Siva  
(Chairman, SAEISS Coimbatore Division)

Email: [sixti@rediffmail.com](mailto:sixti@rediffmail.com)

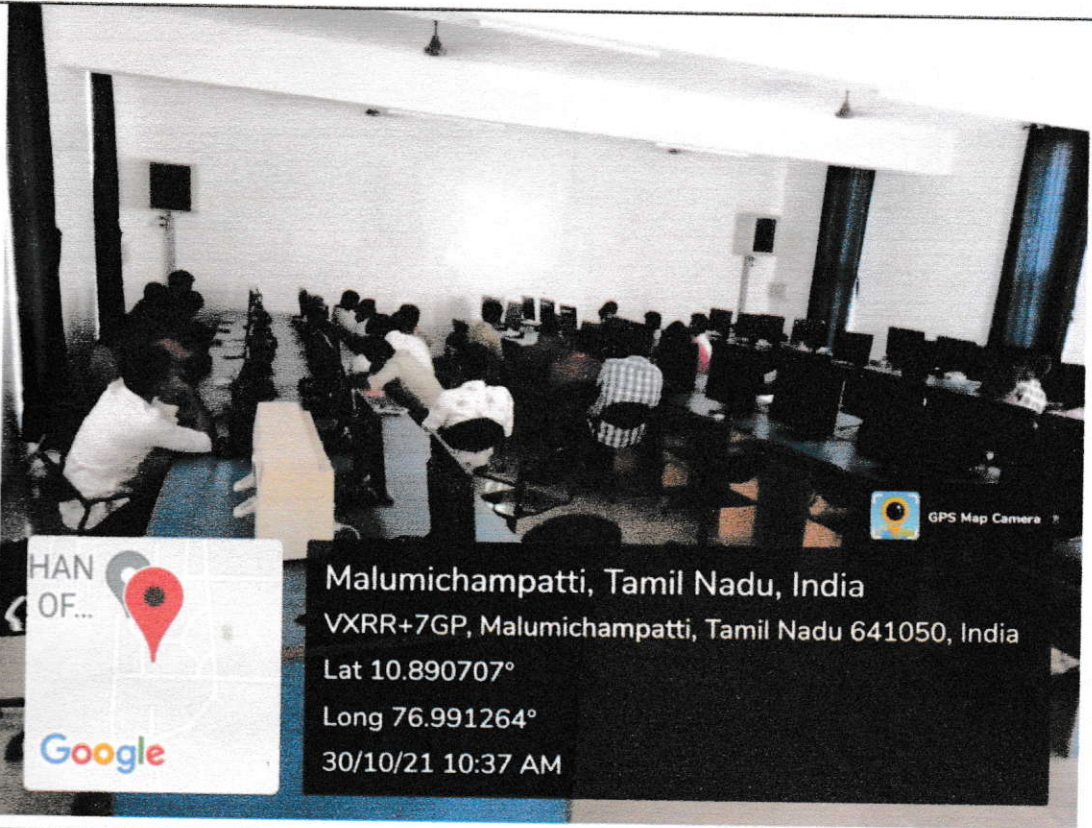
**Coordinator**  
Dr. Y. Ras Mathew

**Convenor**  
Dr. K. Siva

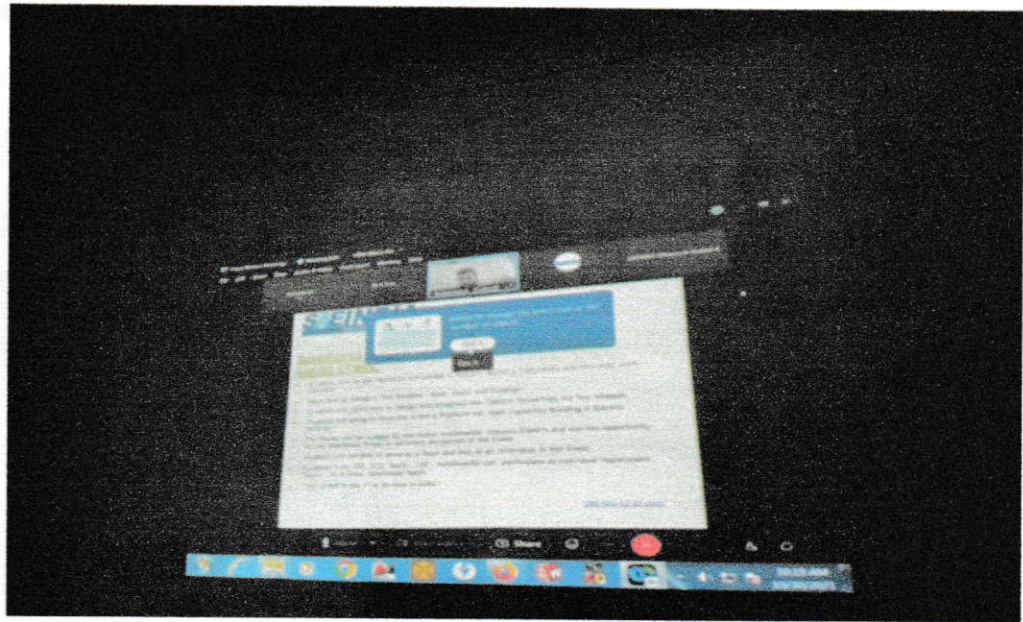
**Principal**  
Dr. J. Jaya














S.L.No	Name	Class	Regno	Signature
1.	Sakthi murugan . P	Mech - C	19108085	P. Sakthi murugan :-
2.	Saran . S . M	Mech - C	19108831	Saran . S . M
3.	Vijaya kuman . S	Mech - C	19108837	Vijaya kuman . S
4.	Vasanthakumari . C	Mech - C	19108086	Vasanthakumari . C
5.	Srinivasanath . N	Mech - C	19108835	N. Srinivasanath
6.	Rishwanth . R	Mech - C	19108827	R. Rishwanth
7.	<del>Ashish</del> Giddeon . S	<del>Mech - A</del> II - Mech - A	<del>20108008</del> 20108009	S. Giddeon
8.	Aaravindh . P . S	II - Mech - A	20108019	Aaravindh . P . S
9.	Akash . R	II - Mech - A	20108010	Akash . R
10.	Ajithkumar . T	II - Mech - A	20108008	Ajithkumar . T
11.	Balachandar K	II - Mech - A	20108024	K. Balachandar

12	A. K. Hariharan	mech - A	19108031	A. K. Hariharan
13	T. Dinesh	mech - A	19108023	T. Dinesh
14	M. Karthikeyan	mech - B	19108040	M. Karthikeyan
15	S. Kumaravel	mech - B	19108042	S. Kumaravel
16	Kamalesh . J	Mech - B	19108039	J. Kamalesh
17	M. Neelakanda moorthy	Mech - B	19108060	M. Neelakanda moorthy
18	Siva . S	mech - C	19108097	S. Siva





1	R. J. AZBERLIN	MECH-A	19108017	R. J. Azberlin
20	ANOSH PN	MECH-A	19108802	<del>ANOSH PN</del>
21	Manuel Johns Aloos	Mech-B	19108818	<del>Manuel Johns Aloos</del>
22	J. DON POSCO	Mech-A	19108024	J. Don Posco
23	A. Nithes KUMAR	MECH-B	19108061	A. Nithes Kumar
24	RAGUNATH - C	MECH-B	19108071	R. Ragunath
25	A. G. HANUMAN	MECH-A	19108030	A. G. Hanuman
26	T. Praveen	Mech-B	19108067	T. Praveen
27	Prabhu-T	Mech-B	19108063	Prabhu-T
28	Akash	meh-A	19108005	A. Akash
29	M. Ayyanar	meh-A	19108016	M. Ayyanar
30	S. Tharon Kumar	Mech-C	19108081	S. Tharon Kumar
31	Sundara Prakash R	Mech-c	19108102	Sundara Prakash R
32	J. Riyas Ahmed	meh-c	19108080	J. Riyas Ahmed
33	S. Pravech Britto Raj	meh-B	19108068	S. Pravech Britto Raj
34	Dr. Y. Ras Mathew	Mech	-	Dr. Y. Ras Mathew
35	Mr. S. Ramkumar	Mech	-	Mr. S. Ramkumar

  
**Dr. Y. RAS MATHIEW, M.E., Ph.D.,**  
 Co-Ordinator  
**HICET SA COLLEGIATE CLUB**  
 Hindusthan Institute of Engg & Tech  
 Coimbatore - 641 032.

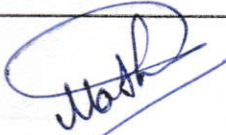








**Hindusthan**  
**College of Engineering and Technology,**  
**Valley Campus, Pollachi Highway, Coimbatore 641 032.**  
**www.hicet.ac.in**

**Report for “Online Workshop on Electric Two Wheeler Design Competition” organized**

Name of the Faculty :Dr. Y. Ras Mathew		
Department :Mechanical	Designation : Associate Professor	
Name of the Event : <b>Online Lecture Meet on “ COMPOSITE MATERIALS FOR LIGHTWEIGHT AUTOMOTIVE APPLICATIONS ”</b>		
Level : State Level		
Venue / Mode : Online		
No. of Days :1	Dates : 19-11-2021	
Funded by : Nil		
No. of Participants :53	Registration charges (if any) :Nil	
Faculties 4		
Students 47		
Externals 2		
Name and Designation of Resource Person(s) : Dr. J. S. BINOJ - Research Manager - Training & Research Hub, Vandhana International Pvt. Ltd. - New Delhi		
Objective:		
To Create Awareness about Composite Materials and its application in automobile		
Outcome :		
Student Can able to understand the benefits and application of composite materials		
Remarks and Feedback on the Event :		
Good		
Plan of Implementing in HiCET (if any) :		
Nil		
		
Signature of the Faculty	HoD	Principal

**Dr. Y. RAS MATHEW, M.E., Ph.D.,**  
**Co-ordinator**  
**HICET SAE COLLEGIATE CLUB**  
**Hindusthan College of Engg & tech**  
**Coimbatore - 641 032.**



**PRINCIPAL**  
**Hindusthan College Of Engineering & Technology**  
**COIMBATORE - 641 032.**





# HINDUSTHAN

## COLLEGE OF ENGINEERING AND TECHNOLOGY

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Valley Campus, Pollachi Highway, Coimbatore

Department of Mechanical Engineering and HICET SAE CLUB

Online Lecture Meeting



SAEISS Coimbatore Division Cordially Invite you  
for Online Lecture Meeting on

" COMPOSITE MATERIALS FOR LIGHT WEIGHT  
AUTOMOTIVE APPLICATIONS "

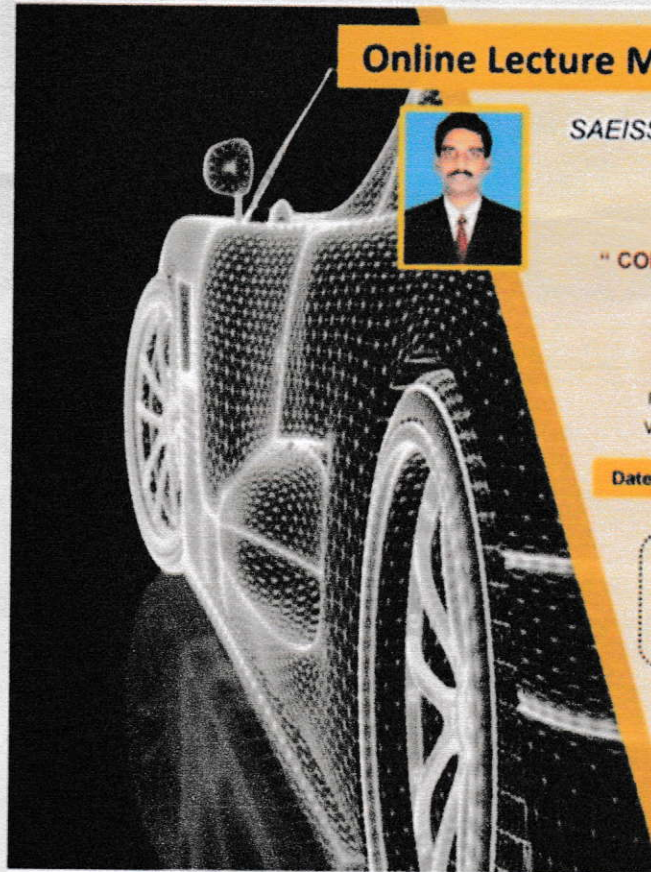
Dr. J. S. BINOJ

Research Manager - Training & Research Hub,  
Vandhana International Pvt. Ltd. - New Delhi

Date: 19th November 2021-Time: 04:45 PM - 05:45 PM

Registration Link :

<https://forms.gle/mu7ncvie1qhNhUA7>



Faculty Coordinator  
Dr. Y. Ras Mathew

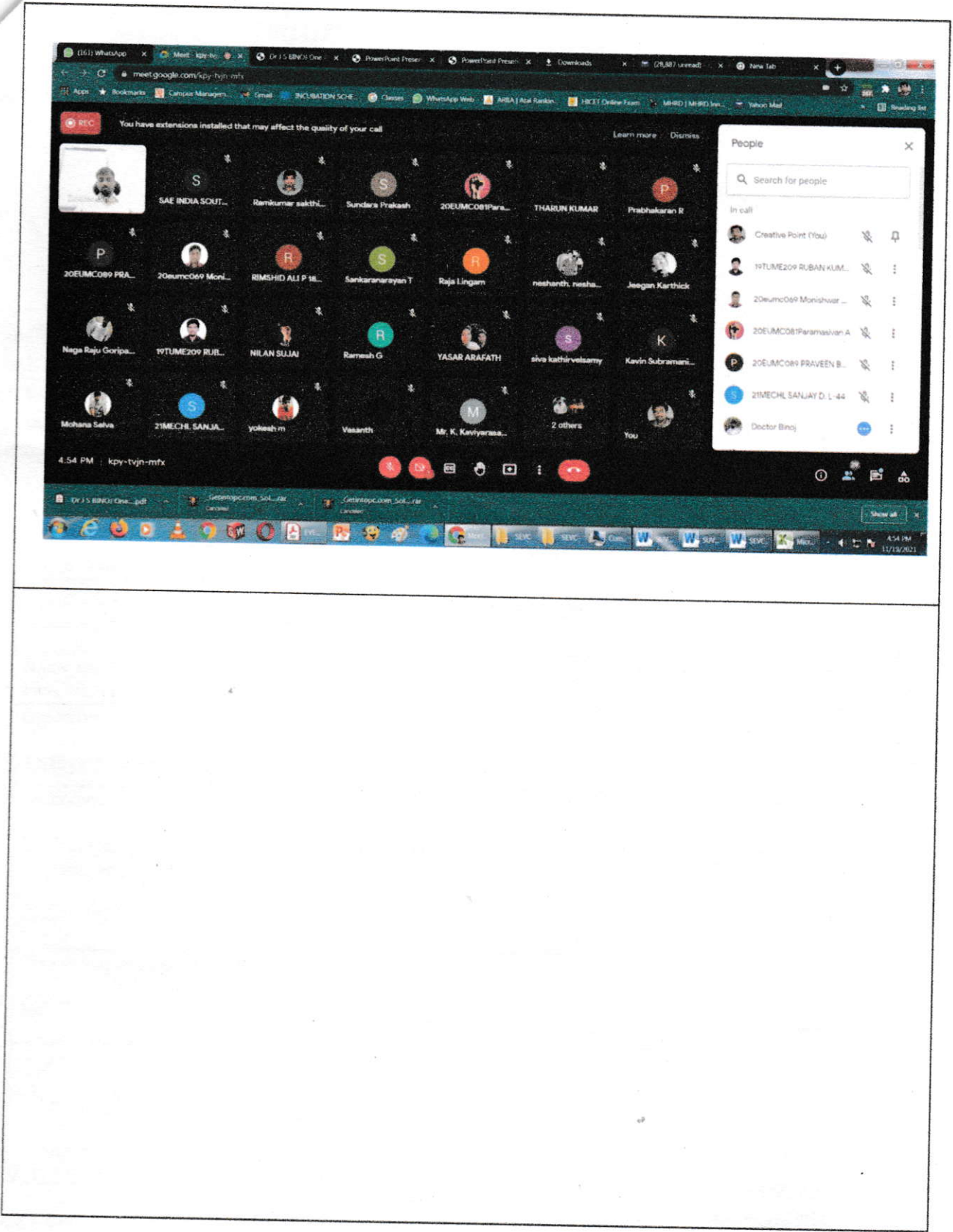
Convenor  
Dr. K. Siva

Principal  
Dr. J. Jaya

CEO  
Dr. K. Karunakaran



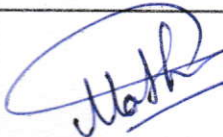








**Hindusthan**  
**College of Engineering and Technology,**  
**Valley Campus, Pollachi Highway, Coimbatore 641 032.**  
**www.hicet.ac.in**

**Report for "Online Workshop on Electric Two Wheeler Design Competition" organized**

Name of the Faculty :Dr. Y. Ras Mathew	
Department :Mechanical	Designation : Associate Professor
Name of the Event : <b>Online Lecture Meet on Overview of Electric Vehicle Power Train</b>	
Level : State Level	
Venue / Mode : Online	
No. of Days :1	Dates : 15-12-2021
Funded by : Nil	
No. of Participants :69	Registration charges (if any) :Nil
Faculties 13	
Students 45	
Externals 1	
Name and Designation of Resource Person(s) : Mr. Vinodh Simmon . K Champion , ETWDC 2021 SAE INDIA SOUTHERN SECTION CHENNAI	
Objective: To Create Awareness about Electric Vehicle and its Future	
Outcome : Student Can able to understand the benefits of electric vehicles	
Remarks and Feedback on the Event : Good	
Plan of Implementing in HiCET (if any) : Planning to form a team to develop an solar electric vehicle	
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">   Signature of the Faculty  <b>Dr. Y. RAS MATHEW, M.E., Ph.D.,</b>  Co-ordinator  <b>HICET SAE COLLEGIATE CLUB</b>  Hindusthan College of Engg &amp;tech  Coimbatore - 641 032. </div> <div style="text-align: center;">   HoD </div> <div style="text-align: center;">   Principal </div> </div>	



**PRINCIPAL**  
Hindusthan College Of Engineering & Technology  
COIMBATORE - 6 .





# HINDUSTHAN

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Accredited by NAAC with 'A' Grade, Approved by AICTE, Affiliated to Anna University, Chennai)

Valley Campus, Pollachi Highway, Coimbatore

### Department of Mechanical Engineering and HICET SAE CLUB



#### Online Lecture Meeting



SAEISS Coimbatore Division Cordially Invite you  
for Online Lecture Meeting on

" OVERVIEW OF ELECTRIC VEHICLE POWERTRAIN  
SYSTEMS "

**Mr. SURAJ S D**

Founder & CEO - Decibels Lab Pvt Ltd

Date: 15th December 2021-Time: 04:00 PM - 05:00 PM

Registration Link :

<https://forms.gle/UAqCUgba7vp7a4J8A>

Faculty Coordinator  
Dr. Y. Ras Mathew

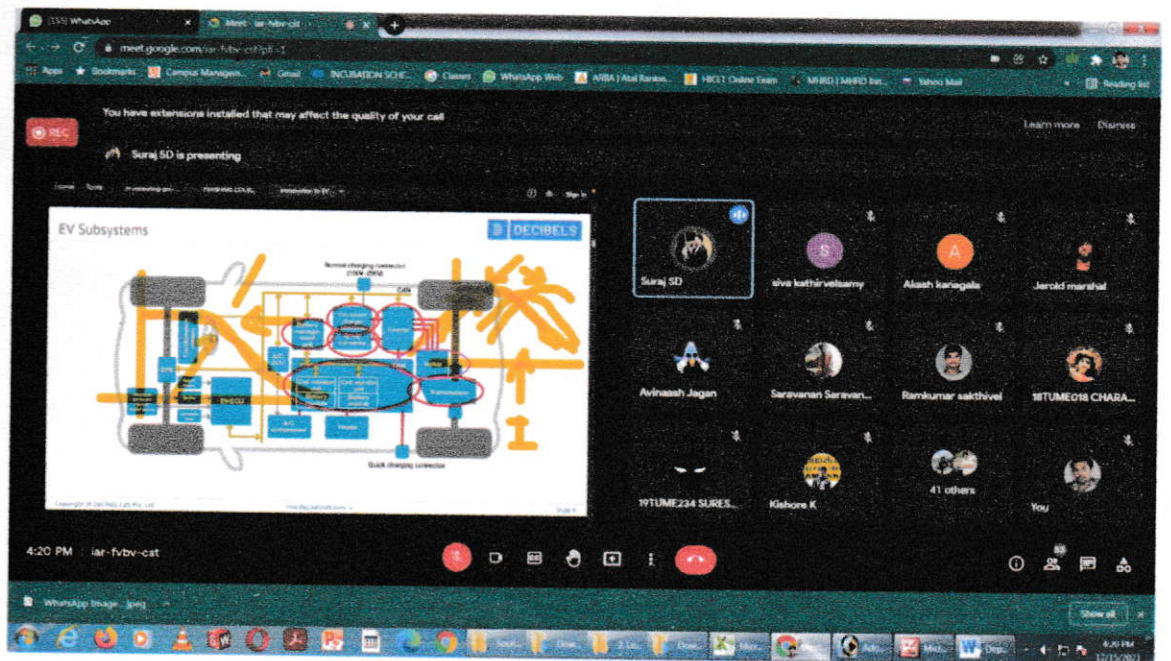
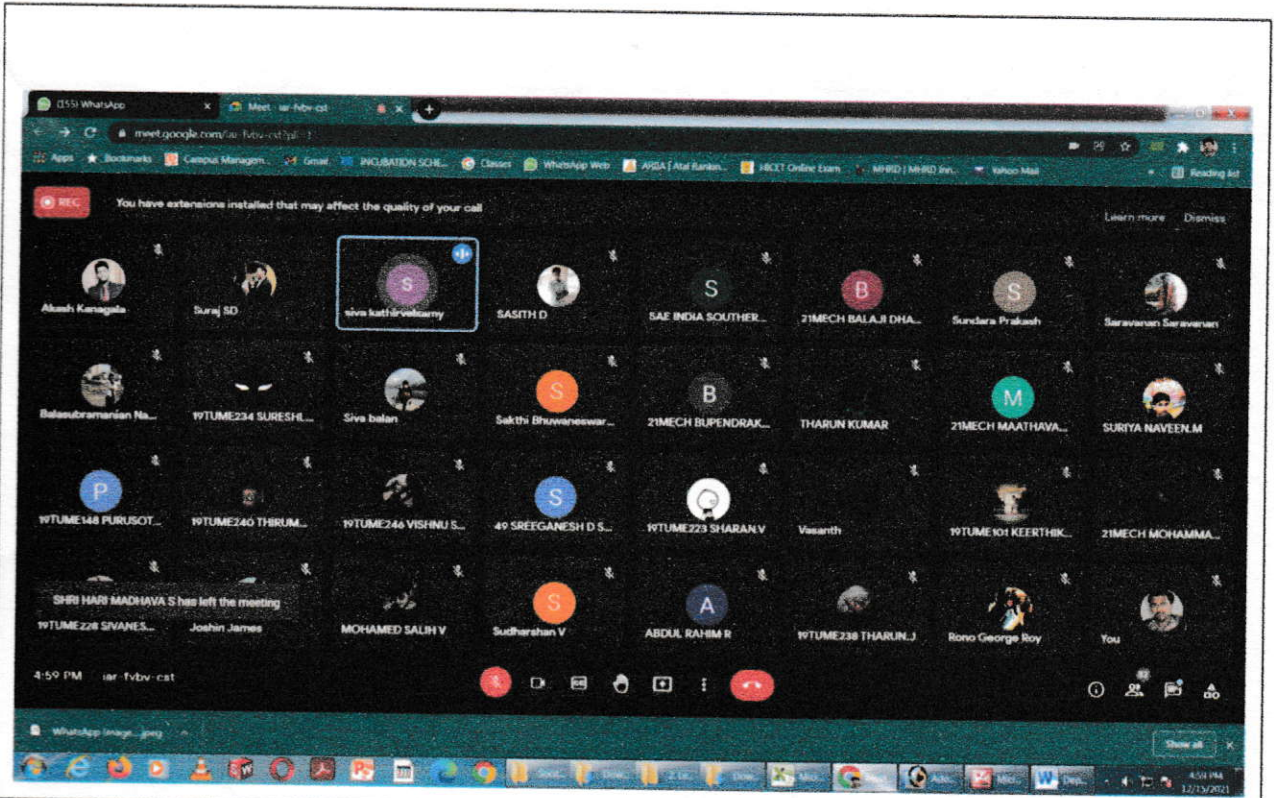
Convenor  
Dr. K. Siva

Principal  
Dr. J. Jaya

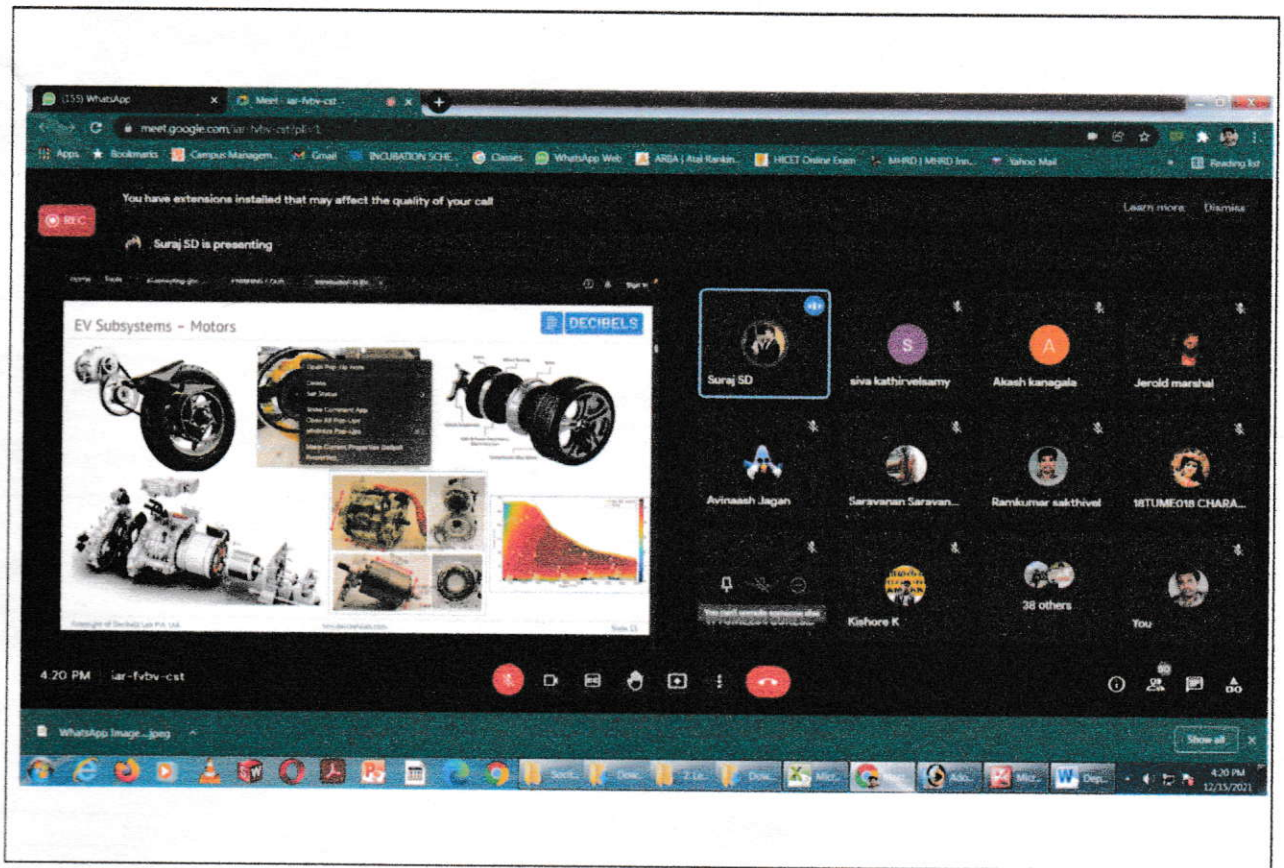
CEO  
Dr. K. Karunakaran













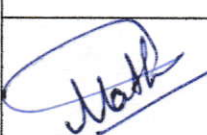


# Hindusthan

## College of Engineering and Technology,

HICET Valley Campus, Pollachi Highway, Coimbatore 641 032.

www.hicet.ac.in

### Report for "Two days Workshop on Bicycle Design" Participated

Name of the Faculty :Dr. Y. Ras Mathew & Mr.S.Ram kumar	
Department :Mechanical	Designation :Associate Professor,Assistant Professor
Name of the Event: <b>Workshop On Bicycle Design</b>	
Level : National Level	
Venue / Mode: Knowledge Institute Of Technology, Salem	
No. of Days :2	Dates : 5,6-12-2021
Funded by : Nil	
No. of Participants :175	Registration charges (if any) :Nil
Faculties 20	
Students 150	
Externals 5	
Name and Designation of Resource Person(s) :	
Mr. P VELMURUGAN- DGM PRODUCT DEVELOPMENT, TI CYCLES, CHENNAI Mr. C. VARADARAJAN- DIRECTOR (Retd.), CHIEF ENGINEER- TAFE Mr.P.RAMACHANDRAN- SENIOR MANAGAER, NPD- TI CYCLES, CHENNAI	
Objective:	
To Create Awareness about design of a bicycle	
Outcome :	
Student Can able to understand how to design the bicycle	
Remarks and Feedback on the Event:	
Good	
Plan of Implementing in HiCET (if any) :	
Planning to form a team to develop a bicycle	
 Signature of the Faculty <b>Dr. Y. RAS MATHEW, M.E., Ph.D.,</b> Co-ordinator	
 HoD	
 Principal	

HICET SAE COLLEGIATE CLUB  
Hindusthan College of Engg & tech  
Coimbatore - 641 032.



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Hindusthan College Of Engineering & Technology  
COIMBATORE - 641 032.



**SAEINDIA**  
SOUTHERN SECTION



# BICYCLE DESIGN COMPETITION-2021

*Think of Design and Innovate*



## Workshop on Bicycle Design

05 & 06 DEC 2021

*Chief Guests:*

**Mr. S.SHANMUGAM**  
Director

Design desk India Private Limited, Chennai  
and Past Chairman SAEISS

*Resource Persons:*

**Mr. P.VELMURUGAN**  
DGM - Product Development  
TI Cycles, Chennai

**Mr. C.VARADARAJAN**  
Director  
Retd. Chief Engineer, TAFE

**Mr. P.RAMACHANDRAN**  
Senior Manager  
NPD, TI Cycles, Chennai

*Venue:*



COUNSELLING  
CODE  
2653



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**NBA NAAC**  
A Grade



**SAE CLUB** Department of Mechanical Engineering

[www.kiot.ac.in](http://www.kiot.ac.in) [kiotkbs](https://www.facebook.com/kiotkbs) [infokiot](https://www.youtube.com/infokiot)











**Hindusthan**  
**College of Engineering and Technology,**  
**Valley Campus, Pollachi Highway, Coimbatore 641 032.**  
**www.hicet.ac.in**

**Report for "One week online training program on modelling and analysis softwares"**

Name of the coordinator :Dr. Y. Ras Mathew	
Department :Mechanical	Designation : Associate Professor
Name of the Co-Coordinator: Mr.S.Ram kumar	
Department :Mechanical	Designation : Assistant Professor
Name of the Event : One week online training program on modelling and analysis softwares	
Level : State Level	
Venue / Mode : Online	
No. of Days :7	Dates : 17.12.2021-23.12.2021
Funded by : Nil	
No. of Participants :27	Registration charges (if any) :Nil
Faculties 02	
Students 25	
Externals 1 per day	
Name and Designation of Resource Person(s) :	
<ol style="list-style-type: none"> <li>1. K. BALAJI Production engineer, messer cutting systems pvt ltd.,</li> <li>2. R.KALANJIYA ROOBAN Design and development division, argo hytos, pvt ltd.,</li> <li>3. M.VARUN R&amp;D NPD, LGB ltd.,</li> <li>4. V.KARTHIKEYAN NPD aviza technologies, coimbatore</li> <li>5. B.SETHAS Graduate engineer trainee, shanthi gears, Coimbatore.</li> <li>6. DEEPAK B PRASAD NPD aviza technologies, coimbatore</li> <li>7. M SURIYA NARAYANAN Graduate engineer trainee, shanthi gears, Coimbatore</li> </ol>	
Objective: To improve the modelling and design skills of the students	
Outcome : Students can able to design the parts using the modelling software's such as SOLIDWORKS and CREO	
Remarks and Feedback on the Event : Good	
Plan of Implementing in HiCET (if any) : Nil	

*Mathew*

**Dr. Y. RAS MATHEW, M.E., Ph.D.,**  
 Co-ordinator  
 HiCET SAE CLUB  
 of Engg & tech  
 641 032.

*A*  
 HOD



*Principal*  
 PRINCIPAL

Hindusthan College Of Engineering & Technology  
 COIMBATORE - 641 032.





**HINDUSTHAN**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
 (An Autonomous Institution)  
 Valley Campus, Pollachi Highway Coimbatore



**DEPARTMENT OF MECHANICAL ENGINEERING**

Organize

**"ONE WEEK ONLINE TRAINING PROGRAM ON MODELLING AND ANALYSIS SOFTWARES "**

**(SOLID WORKS, CATIA, ANSYS – WORKBENCH, FLUENT)**

By

**ALUMNI**

**17.12.2021 TO 23.12.2021**



**K. BALAJI**

Production Engineer  
 Messer Cutting systems India Pvt Ltd



**R. KALANJIYA ROOBAN**

Design and Development Division  
 ARGO-HYTOS Pvt. Ltd.



**M. VARUN**

R&D New Product Development  
 LG Balakrishnan & Bros Ltd, Coimbatore



**V. KARTHIKEYAN**

New Product Development Engineer  
 Aviza Technologies, Coimbatore.



**B. SETHAS**

Graduate Engineer Trainee (Design)  
 Shanthy Gears, Coimbatore



**DEEPAK B PRASAD**

New Product Development Engineer  
 Aviza Technologies, Coimbatore.



**M. SURIYA NARAYANAN**

Graduate Engineer Trainee (Design)  
 Shanthy Gears, Coimbatore

Co-ordinator  
**Dr.Y.Ras mathew, ASP/Mech**  
**Mr.S.Ram kumar, AP/Mech**

Convenor  
**Dr.K.Siva**  
 HoD/ MECH

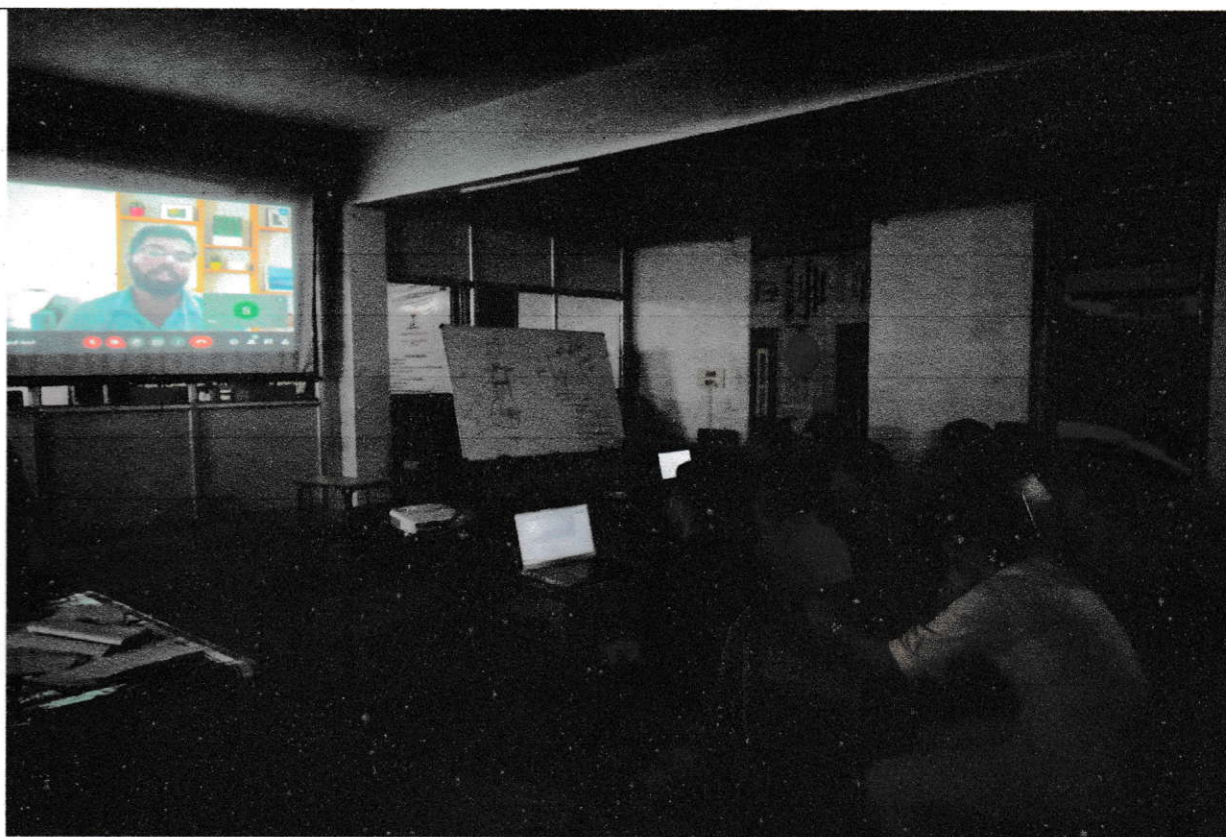
Patrons  
**Dr.J.Jaya**  
 Principal

**Dr.K.KARUNAKARAN**  
 CEO

Event Poster







Online lecture by Mr. M Varun

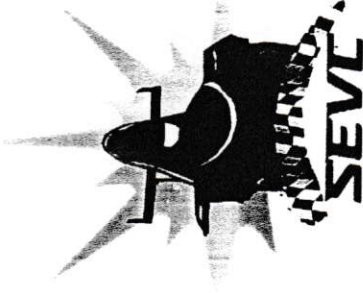


Online lecture by Mr. M Varun





CERTIFICATE OF INTERNSHIP



WE PROUDLY PRESENT THIS TO

*Puslapuram Rajesh*

OF HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY HAS  
SUCCESSFULLY COMPLETED A MONTH OF INTERNSHIP TRAINING PROGRAM ON  
"DESIGN AND ANALYSIS OF SOLAR ELECTRIC VEHICLE"  
CONDUCTED BY SOLAR ELECTRIC VEHICLE CHAMPIONSHIP (SEVC)  
FROM 26TH MARCH 2022 TO 24TH APRIL 2022

Certificate ID : SEVC/IS01/ON2022082

*[Signature]*  
Chairperson

*[Signature]*  
Secretary

*[Signature]*  
Manager



# CERTIFICATE OF INTERNSHIP



WE PROUDLY PRESENT THIS TO

*Kamalesh. J*



OF HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY HAS  
SUCCESSFULLY COMPLETED A MONTH OF INTERNSHIP TRAINING PROGRAM ON  
"DESIGN AND ANALYSIS OF SOLAR ELECTRIC VEHICLE"  
CONDUCTED BY SOLAR ELECTRIC VEHICLE CHAMPIONSHIP (SEVC)

FROM 26TH MARCH 2022 TO 24TH APRIL 2022

Certificate ID : SEVC/IS01/ON2022073

*Abhishek*  
Chairperson  
SEVC

*Jyoti*  
Secretary  
SEVC

*N.B. Bhandari*  
Manager  
SEVC








**Hindusthan**  
**College of Engineering and Technology,**  
**Valley Campus, Pollachi Highway, Coimbatore 641 032.**  
**www.hicet.ac.in**

**Report for "Innovative Future Concept Vehicle Design"**

Name of the coordinator :Dr. Y. Ras Mathew	
Department :Mechanical	Designation : Associate Professor
Name of the Event <b>Two days hands on training in innovative future concept vehicle design</b>	
Level : National Level	
Venue / Mode : Online	
No. of Days :2	Dates :04-01-2022 to 05-01-2022
Funded by : Nil	
No. of Participants :110	Registration charges: Nil
Faculties 10	
Students 100	
Externals 2 per day	
Name and Designation of Resource Person(s) :	
<ol style="list-style-type: none"> <li>1. Dr. Y. Ras Mathew (Associate Professor, HiCET)</li> <li>2. Mr. M.VARUN (R&amp;D NPD, LGB Ltd.,)</li> <li>3. Mr. Bharath (Treasurer, SEVC)</li> <li>4. Mr. Sudharsan V(Team Lead, SEVC)</li> </ol>	
Objective:	
To clarify the rule book and to provide the hands on training on	
<ol style="list-style-type: none"> <li>1. Electric vehicle infrastructure,</li> <li>2. Vehicle sub systems,</li> <li>3. Electrical sub systems,</li> <li>4. Modelling of roll cage,</li> <li>5. Design and analysis of roll cage,</li> <li>6. Vehicle live demonstration,</li> <li>7. BLDC motor circuit design,</li> <li>8. Brake system trouble shooting.</li> </ol>	
Outcome :	
After attending the program the students can able to understand each rules provided in the rule book as well as they were able to	





<ol style="list-style-type: none"><li>1. Understand the electric vehicle infrastructure,</li><li>2. Understand the vehicle sub systems,</li><li>3. Understand the electrical sub systems</li><li>4. Design the roll cage</li><li>5. Analysis on the roll cage</li><li>6. Design the vehicle based on the requirement</li><li>7. Understand the circuit design of the BLDC motor</li><li>8. Trouble shooting of brake system</li></ol>		
Remarks and Feedback on the Event :  Good		
Plan of Implementing in HiCET (if any) :  Level 2 of the workshop will be carried out in the future.		
 Signature of the coordinator	 HoD	 Principal

**Dr. Y. RAS MATHEW, M.E., Ph.D.,**  
Co-ordinator  
**HICET SAE COLLEGIATE CLUB**  
Hindusthan College of Engg & tech  
Coimbatore - 641 032.

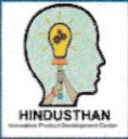
**PRINCIPAL**  
Hindusthan College Of Engineering & Technology  
COIMBATORE - 641 032.







**HINDUSTHAN**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(An Autonomous Institution)  
Valley Campus, Pollachi Highway Coimbatore



**Hindusthan Innovative Product Development Cell  
&  
DEPARTMENT OF MECHANICAL ENGINEERING**



Organize Two Days Hands on Training in  
"INNOVATIVE FUTURE CONCEPT VEHICLE DESIGN"

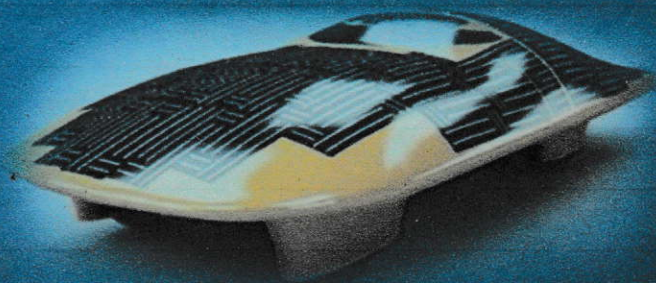
IIC Self Driven Activity



**Dr. Y. RAS MATHEW**  
Asso. Prof / Mech  
HiCET



**BHARATH**  
Treasurer  
SEVC



**M. VARUN**  
R&D New Product Development  
LG Balakrishnan & Bros Ltd



**SUDHARSHAN V**  
Technical Lead  
SEVC

Register Now



**Date : 04 & 05 Jan 2022**  
**Venue : CSE Seminar Hall**

Co-ordinator  
**Dr. Y. Ras mathew, ASP/Mech**

Convenor  
**Dr. K. Siva**  
HoD / MECH

Patrons  
**Dr. J. Jaya**  
Principal

**Dr. K. Karunakaran**  
CEO

Event Poster







Study Vehicle Demonstration



BLDC Motor Demonstration







Malumichampatti, Tamil Nadu, India

Hindusthan College Rd, Malumichampatti, Tamil Nadu 641050, India

Lat 10.89064°

Long 76.991542°

05/01/22 12:43 PM





# Certificate of Participation

This is to certify that

**Raghunath.E**

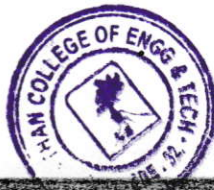
has attended the hands-on training on

"Analysis and Design of Solar Electric Vehicle"

conducted by Solar Electric Vehicle Championship ( SEVC)

on 4th January 2022 and 5th January 2022 at

Hindustan College of Engineering and Technology, Coimbatore.



Chairperson  
SEVC



Manager  
SEVC



# Certificate of Participation

This is to certify that

**J.Riyas Ahamed**

has attended the hands-on training on

**"Analysis and Design of Solar Electric Vehicle"**

conducted by Solar Electric Vehicle Championship ( SEVC)

on 4th January 2022 and 5th January 2022 at

Hindustan College of Engineering and Technology, Coimbatore.



Chairperson  
SEVC



Manager  
SEVC








# Hindusthan

## College of Engineering and Technology,

HICET Valley Campus, Pollachi Highway, Coimbatore 641 032.

www.hicet.ac.in

### Report for "Smart Manufacturing With Robotics"

Name of the Faculty :Dr. Y. Ras Mathew & Mr.S.Ram kumar	
Department :Mechanical	Designation :Associate Professor, Assistant Professor
Name of the Event: <b>SMART MANUFACTURING WITH ROBOTICS</b>	
Level : National Level	
Venue / Mode: Online mode	
No. of Days :2	Dates : 12-1-2022
Funded by : Nil	
No. of Participants : 67	Registration charges (if any) :Nil
Faculties   4	
Students   21	
Externals   32	
Name and Designation of Resource Person(s) :	
Mr. AMAN GARG ( SOLUTIONS CONSULTANT - SIEMENS )	
Objective:	
To Create Awareness about Robotic automation	
Outcome :	
Student Can able to understand how the application assembling of vehicle in industries sector	
Remarks and Feedback on the Event:	
Good	
Plan of Implementing in HiCET (if any) :	
Planning to form a team to develop a bicycle	
 Signature of the Faculty <b>Dr. Y. RAS MATHEW, M.E., Ph.D.,</b> Co-ordinator HICET SAE COLLEGIATE CLUB Hindusthan College of Engg &tech Coimbatore - 641 032.	
 HoD	
 Principal	

**PRINCIPAL**  
 Hindusthan College Of Engineering & Technology  
 COIMBATORE - 641 032.







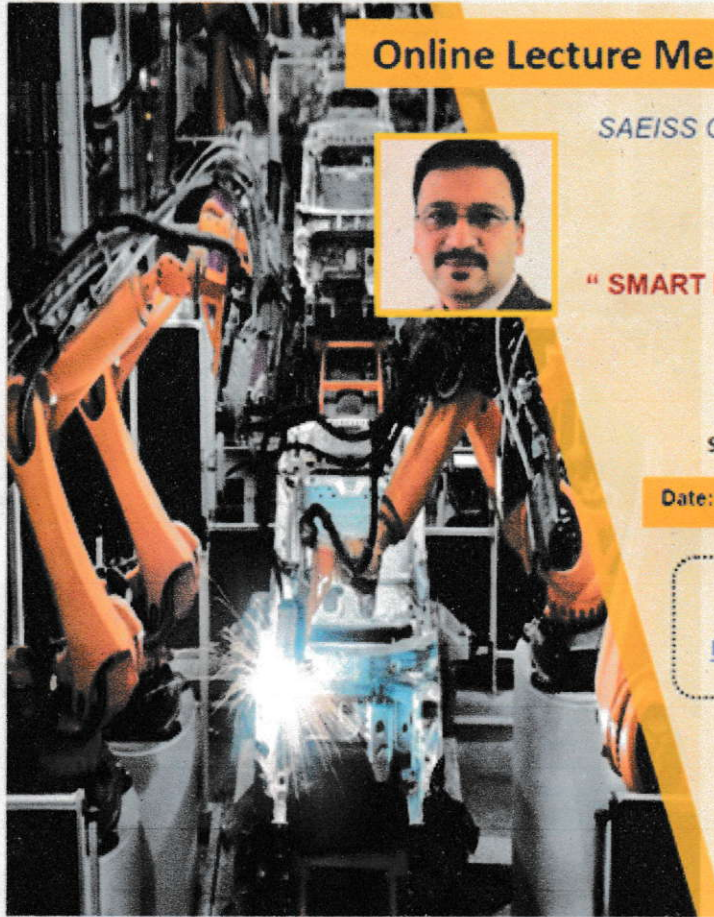
# HINDUSTHAN

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Accredited by NAAC with 'A' Grade, Approved by AICTE, Affiliated to Anna University, Chennai)

Valley Campus, Pollachi Highway, Coimbatore

### Department of Mechanical Engineering and HICET SAE CLUB



#### Online Lecture Meeting



SAEISS Coimbatore Division Cordially Invite you  
for Online Lecture Meeting  
on

**" SMART MANUFACTURING WITH ROBOTICS "**

**Mr. AMAN GARG**

SOLUTIONS CONSULTANT - SIEMENS

Date: 12<sup>th</sup> January 2022 - Time: 04:00 PM - 05:00 PM

Registration Link :

<https://forms.gle/WTvxF8P5gLjMF4tP7>

Faculty Coordinator  
**Dr. Y. Ras Mathew**

Convenor  
**Dr. K. Siva**

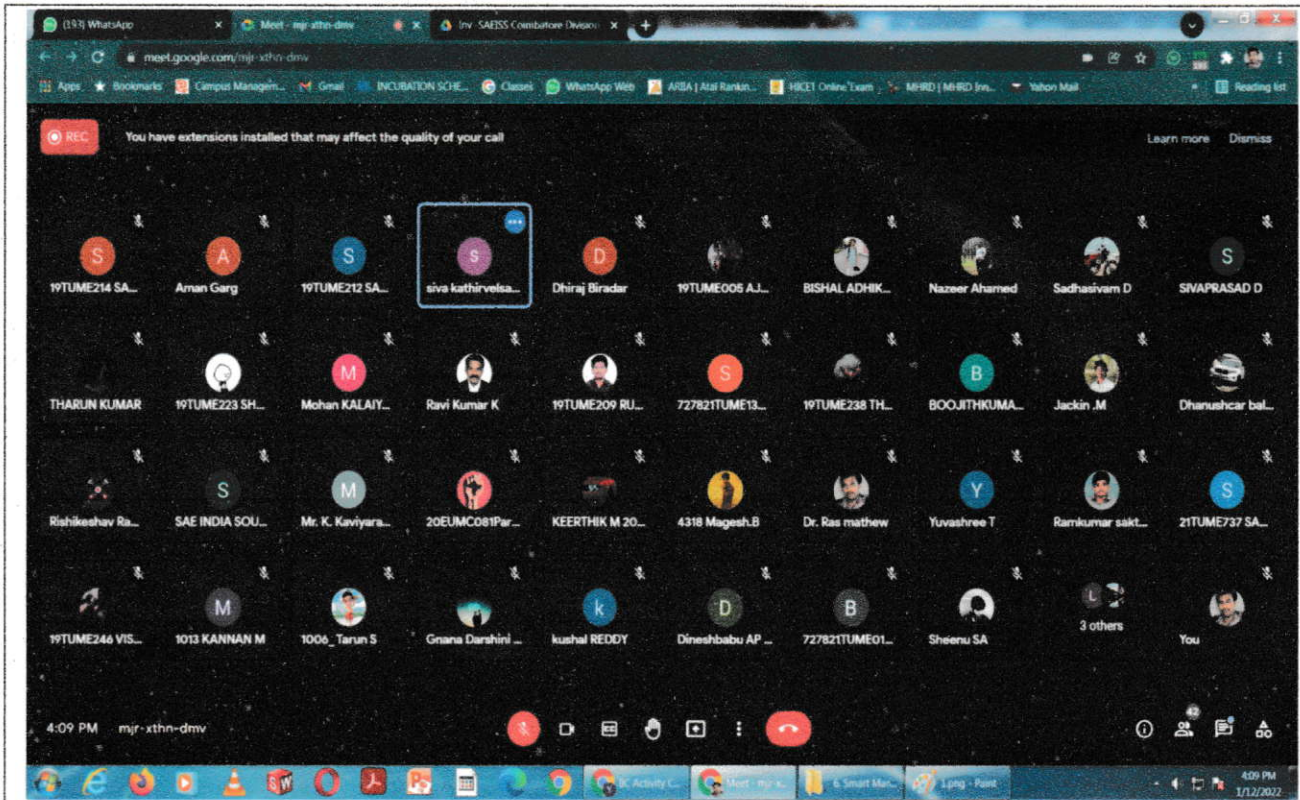
Principal  
**Dr. J. Jaya**

CEO  
**Dr. K. Karunakaran**

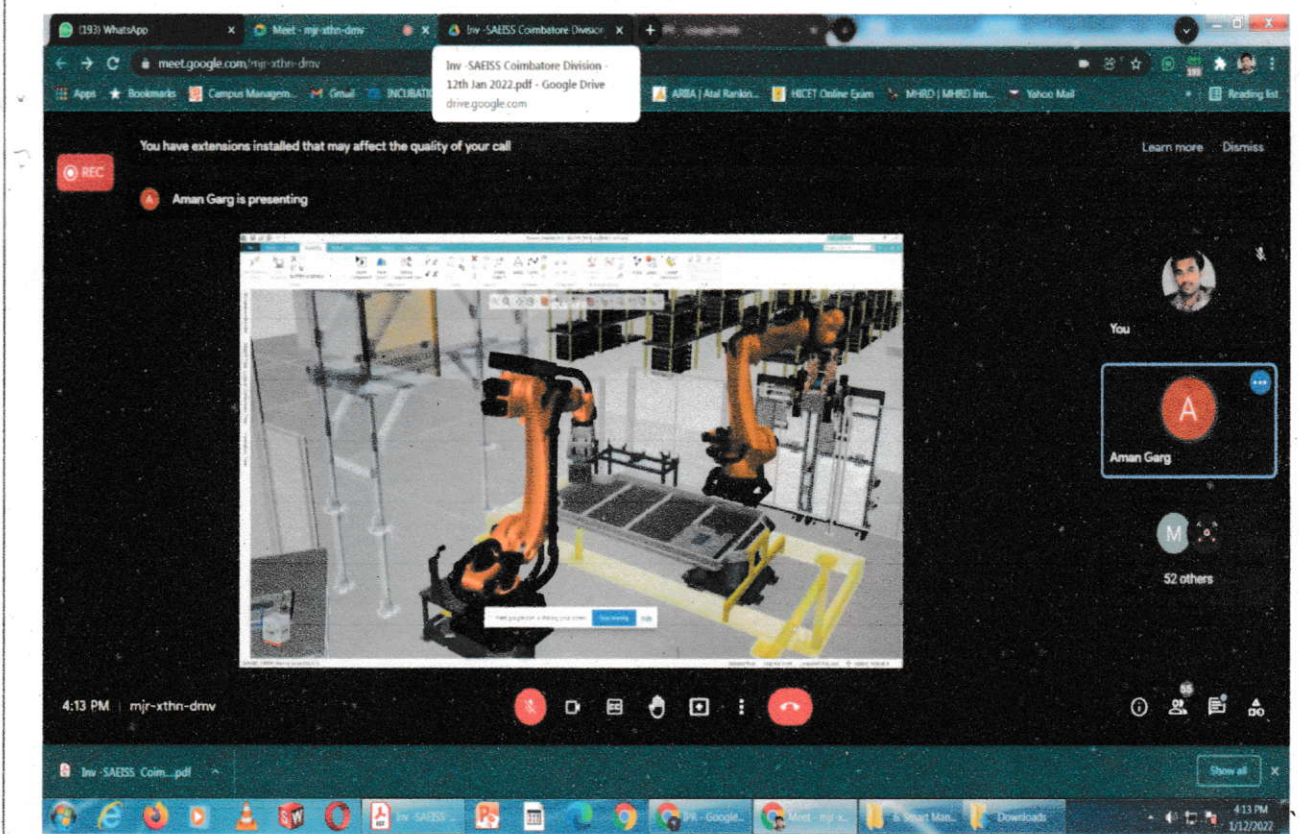
Event Poster







Participants in Google meet



Presentation in Google meet







**Hindusthan**  
**College of Engineering and Technology,**  
**Valley Campus, Pollachi Highway, Coimbatore 641 032.**  
**www.hicet.ac.in**

**Report for "Application of Cast Iron in Automotives" conducted**

Name of the coordinator :Dr. Y. Ras Mathew	
Department :Mechanical	Designation : Associate Professor
Name of the Event <b>Application of Cast Iron In Automotives</b>	
Level : National Level	
Venue / Mode : Online	
No. of Days :1	Dates :12-04-2022 (4 PM – 5 PM)
Funded by : Nil	
No. of Participants :52	Registration charges: Nil
Faculties 4	
Students 48	
Externals 1	
Name and Designation of Resource Person(s) :	
1. Dr.V S Saravanan, junior vice president, INDO SHELL CAST PRIVATE LIMITED, Coimbatore	
Objective:	
1. To create the knowledge of how cast iron is applied in automotives.	
Outcome :	
After attending the program the students can able to as they were able to	
1. Get the knowledge of application of cast iron in automotives.	
Remarks and Feedback on the Event :	
Good	
Plan of Implementing in HiCET (if any) :	
Nil	

  
 Signature of the coordinator  
**Dr. Y. RAS MATHIEW, M.E., Ph.D.,**  
 Co-ordinator

**HICET SAE COLLEGIATE CLUS**  
**Hindusthan College of Engg & tech**  
**Coimbatore - 641 032.**

  
 HoD

  
 Principal

**PRINCIPAL**  
**Hindusthan College Of Engineering & Technol**  
**COIMBATORE - 641 032.**







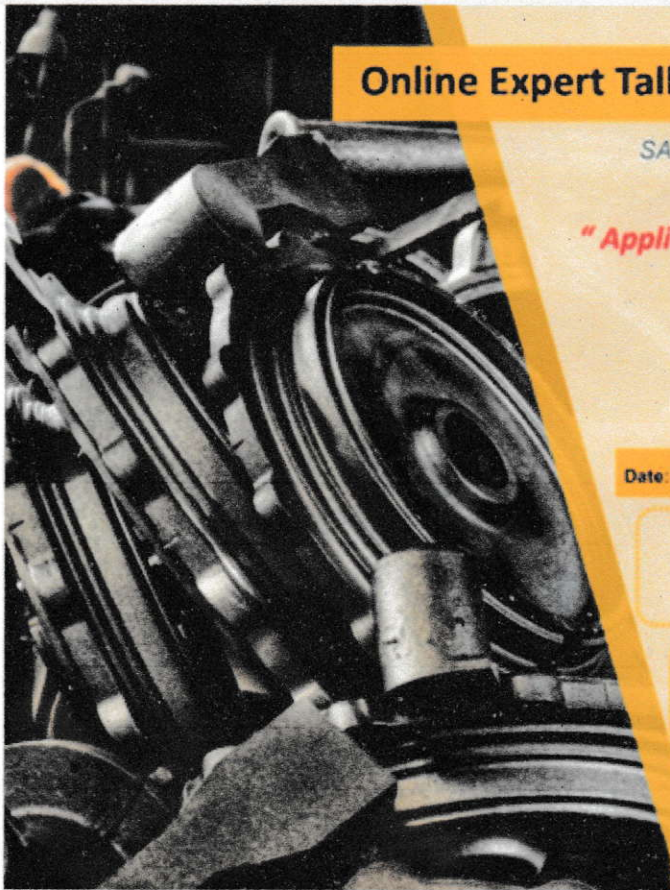
# HINDUSTHAN

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Accredited by NAAC with 'A' Grade, Approved by AICTE, Affiliated to Anna University, Chennai)

Valley Campus, Pollachi Highway, Coimbatore

### Department of Mechanical Engineering and HICET SAE CLUB



#### Online Expert Talk



SAEISS Coimbatore Division Invites you  
for Online Lecture Meeting  
on

#### **"Application of Cast iron in Automotives"**

**Dr. V.S.Saravanan**

Jr. Vice President

INDOSHELL CAST PRIVATE LIMITED

Coimbatore

Date: 12th April 2022-Time: 04.00 PM - 05.00 PM

Registration Link:

<https://forms.gle/JhvdeqqTACD1DfbH9>

#### **Google Meet joining info**

Video call link: <https://meet.google.com/dqq-yusf-arp>

Or dial: (US) +1 424-341-5971 PIN: 510 925 393#

More phone numbers: [https://tel.meet/dqq-yusf-arp?](https://tel.meet/dqq-yusf-arp?pin=9334690078786)  
pin=9334690078786

Organised By:

(SAEISS Coimbatore Division)

Faculty Coordinator

**Dr. Y. Ras Mathew**

Convenor

**Dr. K. Siva**

Principal

**Dr. J. Jaya**

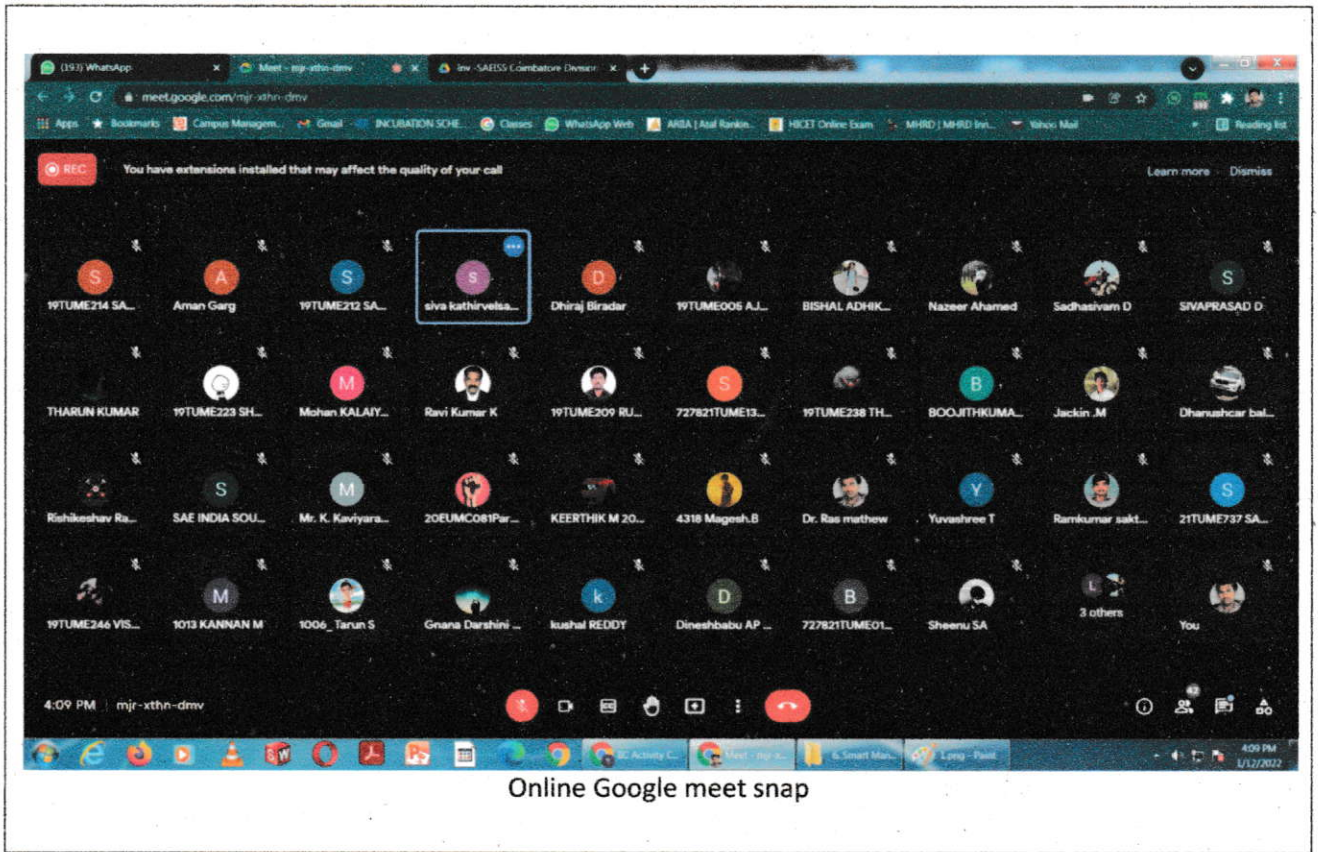
CEO

**Dr. K. Karunakaran**

Event Poster







Online Google meet snap










**Hindusthan**  
**College of Engineering and Technology,**  
**Valley Campus, Pollachi Highway, Coimbatore 641 032.**  
**www.hicet.ac.in**

**Report for “Online Workshop on Electric Two Wheeler Design Competition” organized**

Name of the Faculty :Dr. Y. Ras Mathew & Mr. S. Ram Kumar	
Department :Mechanical	Designation : Associate Professor
Name of the Event : <b>SAE Terkking to anaikatti hills</b>	
Level : National Level	
Venue / Mode : Hindusthan College of Engineering and Technology	
No. of Days :2	Dates : 22&23-4-2021
Funded by : SAE	
No. of Participants :46	Registration charges (if any) :750 per head
Faculties 2	
Students 39	
Externals 5	
Name and Designation of Resource Person(s) :	
Objective: To Create Awareness about Engineering Drawing and prototyping skills To develop students professional relationship between institute and professional bodies	
Outcome : Student Can able to understand the benefits of engineering drawing and it application	
Remarks and Feedback on the Event : Good	
Plan of Implementing in HiCET (if any) : Planning to contact one more trekking in the month of december	
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">             Signature of the Faculty  <b>Dr. Y. RAS MATHEW, M.E., Ph.D.,</b>  <b>Co-ordinator</b> </div> <div style="text-align: center;">             HoD         </div> <div style="text-align: center;">             Principal         </div> </div>	

**HICET SAE COLLEGIATE CLUB**  
**Hindusthan College of Engg & tech**  
**Coimbatore - 641 032.**

**PRINCIPAL**  
**Hindusthan College Of Engineering & Technology**  
**COIMBATORE - 641 032.**





**SAE Trek**  
Engineering Design, aligned with Nature

**SAEINDIA**  
SOUTHERN SECTION

Venue : **HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE**  
Date : **22<sup>nd</sup> & 23<sup>rd</sup> April 2022**  
Trek Place : **Anaikatti Hill**

SAEINDIA Southern Section cordially invites you for the SAE Trek scheduled on 22<sup>nd</sup> & 23<sup>rd</sup> April 2022 at HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

SAE TREK is a two days program organized by SAEISS for SAEINDIA Student members and Professional members of automobile fraternity and academic institutions.

This TREK mainly focuses on to create a learning culture across professionals through professionals, learning the various activities of SAEINDIA southern sections and identifying various opportunities for continuous growth of individual and organization etc., while enjoying the nature.

Senior Automotive Professionals, Industry experts & Management Committee Members participate in TREK and share their valuable experience being part of SAE to hone participant's knowledge by generating more volunteers and leaders for the society and industry.



### Benefits to participants

- 🔧 Networking with professionals of Automotive Industries
- 🔧 Opportunity to share domain expertise
- 🔧 Interaction with research scholars & teaching professionals of academic institutions
- 🔧 Improve competitiveness and overall smartness
- 🔧 Volunteering for SAEISS activities

Please confirm your participation at [tdc@saeiss.org](mailto:tdc@saeiss.org)

Do not forget to pencil this date in your calendar!

• **Last Date for registration 20<sup>th</sup> April 2022**

• **Registration fee: Rs: 750/- each**

**CHAIRMAN**  
Mr. R.Armstrong

**SECRETARY**  
Mr. T.Kasiraja

**EVENT MC & CHAMPION**  
Dr.M.S.Starvin

### Contact us

S.Arnu Kumar  
Mobile Number : 7904498885  
SAEINDIA Southern Section  
| Block-1, Modules 29 & 30 | SIDCO Electronic Complex  
| Thiru-Vi-Ka Industrial Estate Guindy |  
| Chennai 600 032 | Phone: 044-42108651-52 | Mail id: [tdc@saeiss.org](mailto:tdc@saeiss.org)

### Payment should be made to

Account Name: SAEINDIA Southern Section  
Account Number: 38517580801  
Bank: State Bank of India  
Branch: Guindy, Chennai  
ISFC Code: SBIN0000956

Event Poster





# SAE INDIA SOUTHERN SECTION

&



**HINDUSTHAN**  
COLLEGE OF ENGINEERING AND TECHNOLOGY

**ORGANIZED**

**SAE Trek**  
Engineering Design aligned with Nature

TO

**ANNAIKATTI HILLS**

ON

**22 - 23 / 04 / 2022**



**CHAIRMAN**  
Mr.R.Armstrong

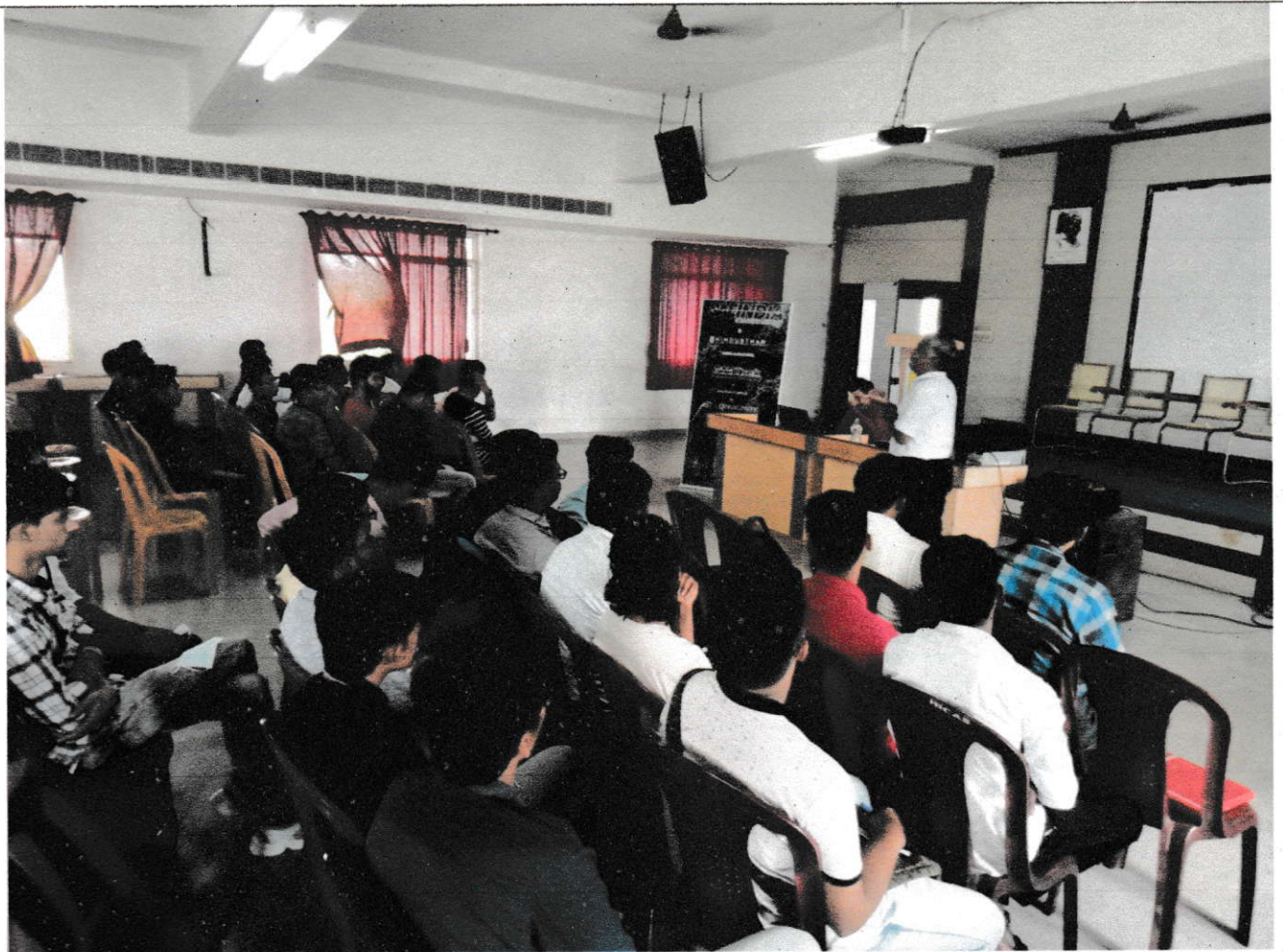
**SECRETARY**  
Mr.T.Kasiraj

**EVENT MC &  
CHAMPION**  
DR.M.S:STRAVIN

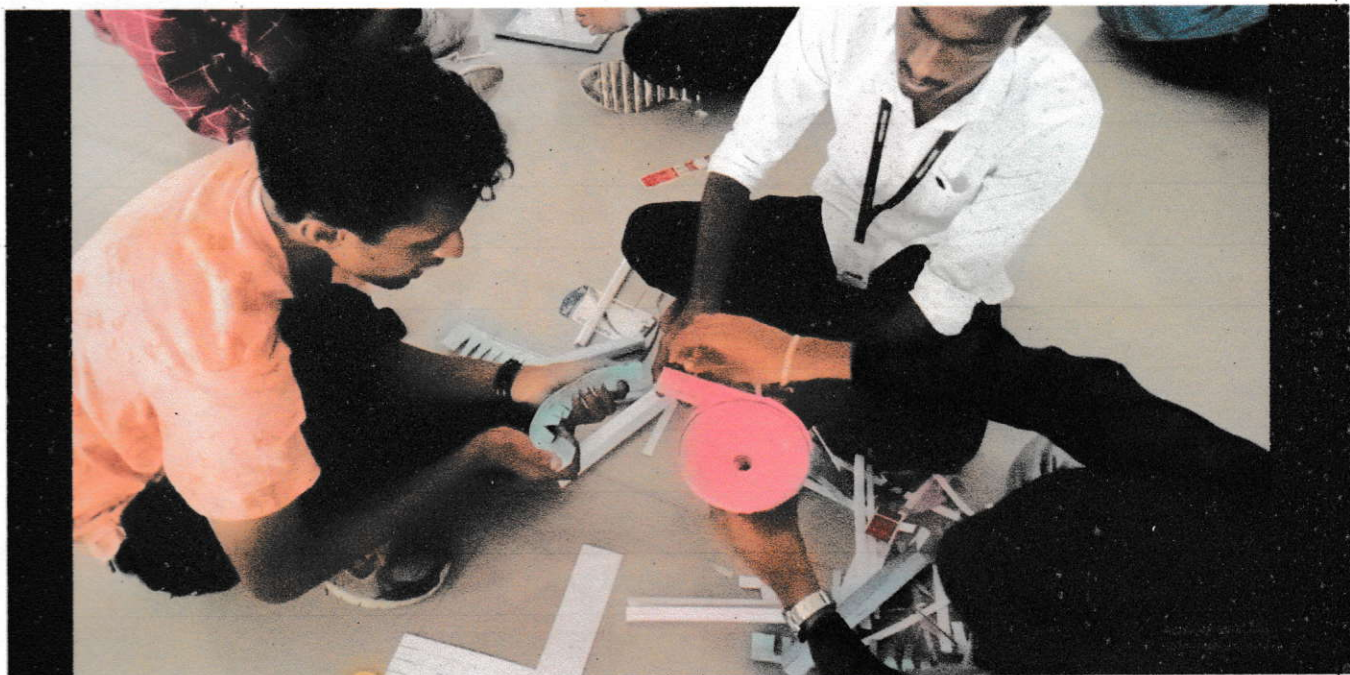
Event Flex







Lecture by Dr. Shanmugan



Workshop on Roller cost







Snap Before Treking



Snap Before Treking







Lecture at trekking spot



Lecture at trekking spot







Treking shap








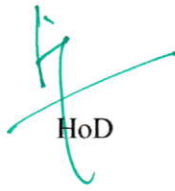

# Hindusthan

## College of Engineering and Technology,

HICET Valley Campus, Pollachi Highway, Coimbatore 641 032.

www.hicet.ac.in

### Report for "Mini Bike Competition" participated

Name of the Faculty :Dr. Y. Ras Mathew &Mr. S. Ram Kumar	
Department :Mechanical	Designation :Associate Professor & Assistant professor
Name of the Event: RIVALS 2022	
Level : National Level	
Venue / Mode:karpagam Institute of technology, Coimbatore	
No. of Days :1	Dates : 26-05-2022
Funded by : Nil	
No. of Participants :7	Registration charges (if any) : Rs 2500
Faculties     2	
Students     5	
Externals	
Name and Designation of Resource Person(s) :	
Objective:	
To Create Awareness about design and fabrication of two wheeler for first year mechanical engineering students	
Outcome :	
Student Can able to understand the concepts of design and fabrication of two wheeler	
Remarks and Feedback on the Event:	
Good	
Achievements :	
Best team in 80CC category.	
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">   Faculty advisor  <b>Dr. Y. RAS MATHIEW, M.E., Ph.D.,</b>  Coordinator  <b>HICET SAE COLLEGIATE CLUB</b>  Hindusthan College of Engg &amp;tech  Coimbatore - 641 032. </div> <div style="text-align: center;">   HoD </div> <div style="text-align: center;">   Principal </div> </div>	

**HICET SAE COLLEGIATE CLUB**  
Hindusthan College of Engg &tech  
Coimbatore - 641 032.

**PRINCIPAL**  
Hindusthan College Of Engineering & Technology  
COIMBATORE - 641 032.







**KARPAGAM**  
INSTITUTE OF TECHNOLOGY  
Inspiring Innovation



**RIVALS**

DEPARTMENT OF MECHANICAL ENGINEERING  
3<sup>rd</sup> National level mini bike race

**26**  
MAY  
2022

TOTAL CASH PRIZE  
**₹ 60000**

CATEGORIES  
60 & 100CC



**Rivals 2022**

The real rivalry begins

**Registration details**  
Fee: ₹2500/- per team  
(Max 5 members/team)  
Last Date: 20.05.2022

**For informations**

G Srisanth	9025109778
R. Vishnu	7708837056
K. Manoj kumar	9788004888 ✓
P.Thangapandian	8110066312
A. J. Infant Jegan Rakesh	8778649003

✉ [kitrivals@karpagamtech.ac.in](mailto:kitrivals@karpagamtech.ac.in)



Registration & Rule book

 [karpagamtechcb](#)  [karpagam\\_tech](#)  [karpagamtech](#)

Event Poster





Achivements



Achivements





# Hindusthan


## College of Engineering and Technology,

Valley Campus, Pollachi Highway, Coimbatore 641 032.

www.hicet.ac.in

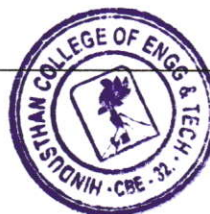
### Report for "Bicycle design competition" participated

Name of the Faculty :Dr. Y. Ras Mathew &Mr. S. Ram Kumar	
Department :Mechanical	Designation :Associate Professor& Assistant Professor
Name of the Event:Bicycle design competition	
Level : national level	
Venue / Mode:Bannari Amman Institute of Technology, erode	
No. of Days :2	Dates : 21 & 22. 06.2022
Funded by : Nil	
No. of Participants :10	Registration charges (if any) : 14000
Faculties 3	
Students 7	
Externals -	
Name of the location of the event: Bannari Amman Institute of Technology, erode	
Objective: To participate in the event and present about our skills in bicycle design and to win prizes.	
Outcome : Students participated in the event and they have shown off their skills in design and fabrication of vehicles.	
Remarks and Feedback on the Event: Good	
Achievements : Won first prize in Manuerability test (a cash prize of Rs 12000)	

  
 Faculty advisor  
**Dr. Y. RAS MATHEW, M.E., Ph.D.,**  
 Co-ordinator  
**HICET SAE COLLEGIATE CLUB**  
 Hindusthan College of Engg & Tech  
 Coimbatore - 641 032.

  
 HoD

  
 Principal



**PRINCIPAL**  
 Hindusthan College Of Engineering & Technology  
 COIMBATORE - 641 032.





# Bicycle Design Competition 2021 Registration Form



Team Name		HINDUSTHANT LAHORIANS			
Team Captain Name		S. THARUN KUMAR			
University/College Name		HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY			
University/College Address		Valley Campus, Pellachi highway, Coimbatore - 641032, Tamilnadu, INDIA			
S. No	Student Name	E-Mail ID	SAE Membership ID	Contact Number	Signature
1	S. THARUN KUMAR	19108081@hiet.ac.in		7798461775	Sth
2	R. Rishabh	19108829@hiet.ac.in		9597395457	Rk
3	Sai Chandru . P	19108083@hiet.ac.in		6374671510	S.P.
4	M. SURIYA NAVEEN	20108884@hiet.ac.in		8531959626	M. surya
5	V. VIGNESHWARAN	20108090@hiet.ac.in		9790630047	vignesh
6	S.P. Shanu	20108073@hiet.ac.in		6374308573	S.P. Shanu
7	GT. SURIYA PRASANATH	20108083@hiet.ac.in		9025268902	S.P.

Faculty Advisor Details					
S. No	Name	E-Mail ID	SAE Membership ID	Contact Number	Signature
1	Ramkumar.S	Ramkumar2121991@gmail.com	7180410448	8056346076	S.P.

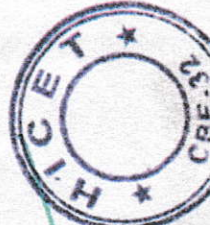


Signature  
4/12/21

Head of the Institute with college seal

PRINCIPAL

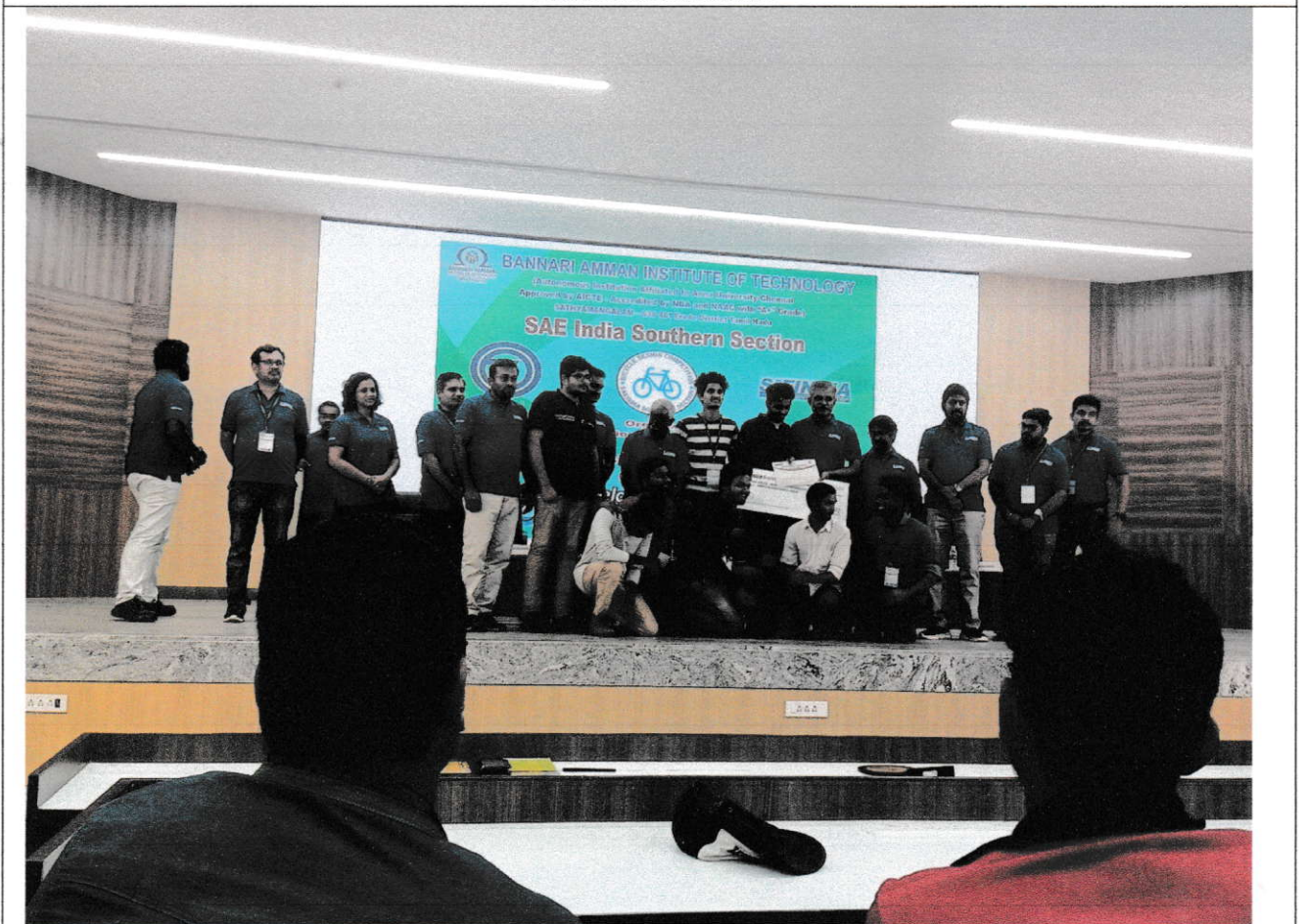
Hindusthan College of Engineering & Technology







Team Achievement



Team Achievement





# Bicycle Design Competition

## CERTIFICATE

This is to certify that Mr. / Ms. RISHWANTH R of

Team HINDUSTHANI LAHURIANS

from HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY has secured **BEST MANEUVERABILITY FIRST PLACE** in the **Bicycle Design Competition 2021** held at **Bannari Amman Institute of Technology, Sathyamangalam**, from 21-22 May, 2022.

Champion -BDC 2021

Chairman-SAEISS

Participant Certificate

