



# DEPARTMENT OF MECHATRONICS ENGINEERING

## STUDENT PARTICIPATION IN INTER INSTITUTE EVENTS

1. SMART INDIA HACKATHON

2. TECHGIUM



3. GOKART



4. IDEATHON



5. ASTRA



6. BRAINIACS





# SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY



## DEPARTMENT OF MECHATRONICS ENGINEERING

### Achievement and Participation

#### SKCET - GO KART TEAM BRAINIACS RACING

Happy and excited to share that the Department of Mechatronics Engineering, Electric Kart Team Brainiacs Racing won Overall Championships of AIMS - National Level Gokart Championship 2023 held at Kari Motors Speed way, Coimbatore between 7th - 9th August 2023. The Team also won many awards.

### MENTORS

- 1.Mr.T.Vignesh AP/MCT
- 2.Dr.R.Gopinathan AS/PMCT



## PRIZES WON

 First Prize in EV Category -Rs 25000

 Best Endurance -Rs 10000

 Best innovation -Rs 3000

 Best safety award -Rs 3000

 Best Faculty Mentor

 Best Build Quality award

 Best Aesthetics Award

 Best Driver

 Best Captain

 First Vehicle Inspection

 Clearance Award

 Best Virtual Presentation Award



# PHOTOGRAPHS





## SKCET-GOKART DESIGN CHALLENGE

Elated to share that Team Brainiacs Racing (Electric Kart) Participated in National level 10 Gokart Design Challenge(GKDC) in Kari Motors Sports Coimbatore from 10 - 13th April 2023 and won Awards.

### PRIZES WON

- 🏆 First Runner up-Rs 20000
- 🏆 Winner of Endurance - EV Category-Rs 12000
- 🏆 Best Driver

### MENTORS

- 1.Vignesh T (AP/MCT)
- 2.Gopinathan R (ASP/MCT)



# PHOTOGRAPHS





## SKCET: MCT & EEE CROWNED @ SEVC 2023

Department of \*MCT and EEE\* are super excited to share that two teams - \*ASTRA\* and \*HOPLITES\* have enthusiastically participated and won prizes under two categories - Solar Electric Vehicle and Battery Electric Vehicle in the \*National Level Event - Solar Electric Vehicle Championship (SEVC) 2023\* held at Hindusthan College of Engineering, Coimbatore from 29.03.2023 to 02.04.2023. The team \*ASTRA (32 MCT & 2 EEE Students)\* won awards in the following categories

### PRIZES WON

- ✚ 1st Prize in SEVC with the cash prize of Rs. 25000
- ✚ Shutterbug winner with Rs. 3000
- ✚ Rush in Dusk Winner\* \*(Night ride) with Rs 3000
- ✚ Hovering & Drag Winner with Rs 3000
- ✚ Maneuverability Winner (Rs 3000)
- ✚ Endurance Winner with Rs 5000
- ✚ Dynamic round Champion in SEV
- ✚ Best Driver Award

### MENTOR

1. Mr. T. Vignesh, AP/MCT



# PHOTOGRAPHS





# PAPER PRESENTATION

## II MCT:

Nithis anand and Hariharan got first prize in the paper presentation event at SRM University.

PAPER TOPIC

Digital twin to predict the machine failure

MENTOR

1. Mr. T. Vignesh, AP/MCT

PHOTOGRAPHS



# WEBATHON CHALLENGE

MCT Bagged First prize in Webathon challenge.

Nithesh Anand M S, Cheran R and Cibidharan P - II year Institution of Engineering and Technology (IET) held at The Feather hostel, Chennai today during the Industry Institute Summit (IIS) 4.0. The students team was honoured with a prize amount of Rs.15000 and offered three months internship by the Nokia the connecting people at their Chennai plant.

## MENTORS

1. Mr. T. Vignesh
2. Mr. S. Madhan Kumar

## PHOTOGRAPH





# TEAM ASTRA (SOLAR KART) -SEVC EVENT

## TEAM CAPTAIN

Arvind M

## TEAM MEMBERS

40 ( MCT - 33, EEE-7)

## PRIZES WON

- 2nd Runner Up in SEVC
- RS 16000
- Best build quality award
- Rs 3000
- Best captan Award (Arvind M)
- Virtual Round Winner
- Rs 5000

## PLACE

Hindustan Engineering college conducted on 1.09.2022 to 4.09.2022

## NAME LIST

<https://drive.google.com/file/d/1ptLLw2QAR25TC7urxgyQnFGTd2P4EkKc/view?usp=sharing>



# PHOTOGRAPHS





# SIH 22 ( HARD WARE EDITION )

## TEAM NAME

Team Hephaestus

## STUDENTS

- 1.Udayasri S III MCT A
- 2.Arul Murugan S III MCT A
- 3.Nellaiappan B III MCT B
- 4.Shannon Abishek S III MCT B
- 5.Tharun Kumar C III MCT A
- 6.Vijeth R III MCT B

## PRIZES WON

 First Prize ( Rs 100000)

## PLACE

Galgotias University, Noida.

## MENTORS

- 1.Dr M Lydia
- 2.Vignesh T



# PHOTOGRAPHS





# SIH 22 ( HARD WARE EDITION )

## TEAM

Tech Mutant

## TEAM MEMBERS

- 1.Krishna prasath III/MCT B
- 2.Vishnu prakash III/MCT B
- 3.Neelash kannan III/MCT B
- 4.Vishal III/MCT B
- 5.Haripriya III ECE A
- 6.Dheeraj A II MCTA

## PRIZES WON

- 1.Special Category

## PLACE

Galgotias University, Noida

## MENTORS

- 1.Vignesh T
- 2.Vignesh Ramkumar



# PHOTOGRAPH





# TEAM: EKART - BRAINIACS

9TH GO KART DESIGN CHALLENGE,  
HELD AT BENGLORE FROM AUG 22 -25

## TEAM CAPTAIN

MIDHUN KRISHNA

TOTAL NUMBER OF STUDENTS:30

## PRIZES WON

- Best Innovation Award
- 2nd place in Skippad
- 3rd place in auto cross

## NAME LIST

<https://drive.google.com/file/d/11DwvIYoRbdr8gPVdOE087RzNcJayHHmV/view?usp=sharing>

## MENTORS

- 1.Vignesh T
- 2.Gopinath R



# PHOTOGRAPHS





# IDEATHON

## TEAM

1. Vishnu prakash - IV MCT
2. Vishal - IV MCT
3. Neelash kannan - IV MCT

## PRIZE WON

 Second Prize

## MENTOR

1. Vignesh T Ap/Mct





# PHOTOGRAPHS





# ASTRA

## SAUR URJA VEHICLE CHALLENGE (SUVC) Season 5 (Virtual)

We are happy to share that our team ASTRA with 42 students from Department of Mechatronics and EEE bagged the Innovation Award in SAUR URJA VEHICLE CHALLENGE (SUVC) Season 5 (Virtual). The team is awarded with a cash prize of Rs.3000. Nine teams from all over India are shortlisted for this event.

DATE :20.02.2022

## MENTORS

- 1.Mr. T. Vignesh - AP/MCT
- 2.Mr. S Boobalan - AP/EEE

## PHOTOGRAPHS





# SIH 2020 (HARDWARE)

DATE : 21,22,23 Dec  
2020

1. Shibin Thomas S

2. Prawin Shanker

III Year

## CERTIFICATES





# HACKATHON:AI FOR SOCIAL GOOD

DATE : 6 to 13th Oct 2021

In this Six Days Hackathon, 56 Teams participated with 238 students under the topics 3D motion capture from 2D videos, Chatbot with customized voice. In the first round of evaluation, 13 teams were shortlisted.

TOPIC 2: CHATBOT WITH CUSTOMIZABLE VOICE

 FIRST PRIZE

Xtremum From Mechatronics Engineering.

## MEMBERS


1. Achitha M
2. Hemand Adish R
3. Ashik Illahi M


## MENTORS

1. Dr. M. Lydia
2. Mr. Vignesh T



# PHOTOGRAPHS

 **DeepVisionTech AI**  
Realize your AI vision with us



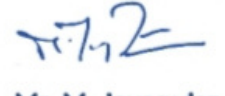
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An Autonomous Institution, Accredited by NAAC with 'A' Grade.

DEPT. OF MECHATRONICS ENGINEERING

**Certificate for Winning** **TOPIC: Chatbot with Customizable Voice**

This Certificate is awarded to **Achitha M. (19EUMT004)** of team **Xtremum** for winning First Place in **'AI For Social Good' Hackathon Oct '21**








  

**Dr. J. Janet**  
Principal, SKCET,  
Coimbatore,  
Tamil Nadu

**Dr. M. Lydia**  
HoD of MCT, SKCET,  
Coimbatore,  
Tamil Nadu

**Mr. M. Jayasudan**  
Founder & CEO,  
DeepVisionTech Pvt. Ltd.,  
Bangalore, Karnataka

DeepVisionTech is Associated with:

Contact Us: DeepVisionTech.AI | Recruitment@DeepVisionTech.AI | +91 91593 23424

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DEPT. OF MECHATRONICS ENGINEERING

**Hackathon: AI For Social Good** **TOPIC 1: 3D Motion Capture from 2D Videos**  
**TOPIC 2: Chatbot with Customizable Voice**

Call For Brilliant Minds to Collaborate

 Hackathon Dates: **6<sup>th</sup> to 13<sup>th</sup> Oct, 2021**

 Deadline to Register: **21<sup>st</sup> Sept, 2021**

 Open to **all Departments & Max. 5 per Team**

 Winning Teams get total **Rs.30K & Internship**

 For more **Details & to Register Team**, visit:  
[DeepVisionTech.AI/hackathonSep21.html](https://DeepVisionTech.AI/hackathonSep21.html)



DeepVisionTech is Associated with:

Contact Us: DeepVisionTech.AI | Recruitment@DeepVisionTech.AI | +91 91593 23424





# TCS XR HACKATHON (EXTENDED REALITY)

EVENT DATE : 17.10.2019

PLACE:TCS,Chennai

## MENTORS

- 1.T. Vignesh
- 2.Manikandan

## STUDENTS

- 1.Shibin Thomas S
- 2.Prawin Shanker

## PRIZE WON

🇮🇳 Rs. 2,00,000

## PHOTOGRAPH





# CERTIFICATES





# IFA-HACKATHON,CHENNAI

EVENT DATE : 08.12.2019

PLACE:IFA,Chennai

## TOPIC

Nextgen app

## PRIZE WON

2 Second (RS 5000)

## MENTORS

- 1.T. Vignesh
- 2.Manikandan

## STUDENTS

- 1.Shibin Thomas S
- 2.Rawin Shanker
- 3.Biruthavani



# PHOTOGRAPH



## IFA HACKATHON '19



Date 08.12.2019

Pay To The  
Order Of

SECOND RUNNER UP

₹

5,000/-

FIVE THOUSAND

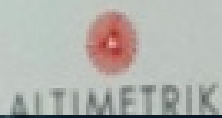
Rupees

Memo

NEXTGEN

K. Jayak

AUTHORIZED SIGNATURE





# SIH - CHANDIGARH

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## EVENT DATE

24.09.2019

## EVENT NAME

SIH - Software Edition

## PLACE

Chandigarh Engineering College,  
Chandigarh.

## MENTOR

1.Mr.T. Vignesh



# PHOTOGRAPHS





# ASTRA-SOLAR KART

EVENT DATE:08.03.2020

STUDENTS:MCT & EEE

PRIZE WON

Build Quality ward

₹4000K

PLACE

Hindustan Engineering College,  
Coimbatore.

MENTORS

- 1.Vignesh T
- 2.Manikandan N
- 3.Jeylani M
- 4.Ramesh



# PHOTOGRAPHS





# E-KART & E - BIKE & SOLAR KART

IMAGINE TO INNOVATE ASIAN E - BIKE CHALLENGE - VISAKHAPATNAM

DATE:25.09.2019-29.09.2019

PLACE:Raghu Educational Institution,Visakhapatnam

## EVENT NAME

Imagine to Innovate Asian E - bike challenge.

## PRIZE WON

 Prize in Acceleration and Low-cost category-RS 10,500

## MENTORS

- 1.Vignesh T
- 2.Manikandan N



# PHOTOGRAPHS





# COC: CHAMPION OF CHAMPIONS"

SEASON 1.0

DATE:22.02.2019-25.02.2019

PLACE:K L University

TEAM

BRAINIACS - E Kart

PRIZE WON

 BEST ACCELERATION(ELECTRIC)

MENTORS

- 1.Vignesh T
- 2.Manikandan N



# PHOTOGRAPHS





# FORMULA 9

DATE:24.01.2019-26.01.2019

PLACE:SNS College of Engineering, Coimbatore

TEAM

BRAINIACS

PRIZE WON

 First Prize-Rs.50,000

MENTORS

- 1.Vignesh T
- 2.Manikandan N



# PHOTOGRAPHS





# BHARATH FORMULA KART RACING 9

DATE: 10 - 13.9.2019

PLACE: Kari motors, Coimbatore

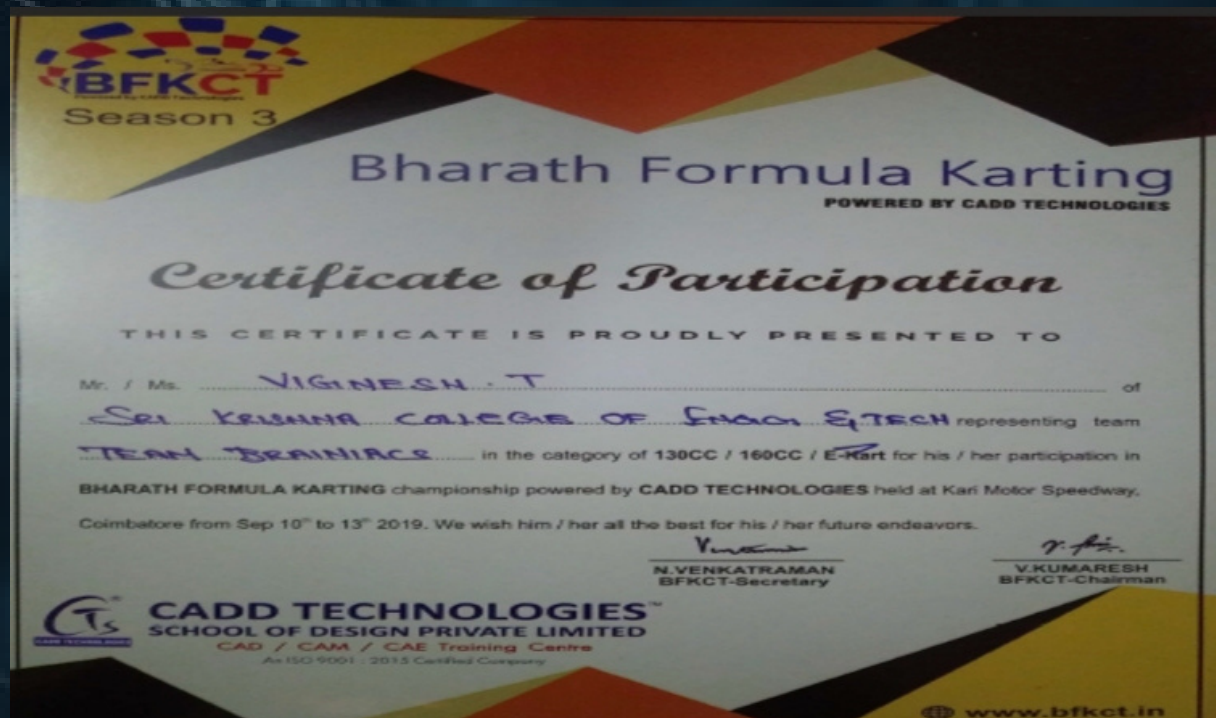
## EVENT NAME

BFKCT (bharath formula kart racing)

## MENTORS

1. Vignesh T
2. Manikandan

## CERTIFICATE





# PHOTOGRAPH





# BOEING TEAM

DATE:11.03.2020

PLACE: Dept of Aeronautical Engineering,  
Hindustan Institute of Technology, Coimbatore

## EVENT NAME

Drone Challenge

## STUDENT

1.Vibunesh N T

## PRIZES WON

 Third Prize

 Rs.750



# CERTIFICATE



**HINDUSTHAN INSTITUTE OF TECHNOLOGY**

Coimbatore - 641 032.

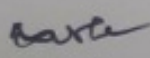
(An Autonomous Institution, Approved by AICTE, Affiliated to Anna University, Chennai,  
Accredited by NBA and NAAC with "A" Grade)

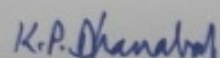


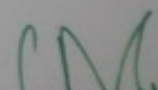
## CERTIFICATE OF REWARD



This is to certify that Mr./Ms. VIBUNESH of  
SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY has secured I / II / III  
place in the event DRONE RACE in the One Day National  
Symposium "SAKURA 2020" organized by the Department of Aeronautical Engineering on 11<sup>th</sup> March 2020.

  
Coordinator

  
HOD

  
Principal



# BOEING TEAM

DATE:4.12.2018-17.12.2018

PLACE:IIT,Bombay

## MENTOR

1.Vignesh T

## PHOTOGRAPHS





# AEROBATIC MANEUVERS

EVENT

IIT MADRAS SHAASTRA tech fest

COMPETITION

Drone and Flight

PRIZE WON

 Third Prize

PHOTOGRAPHS





# TAKE UP RACING (AERO MODELING)

## COLLEGE

Kumaraguru College of Technology

Date : 04-02-2019

Price : Rs. 8000

PRIZE WON : 🏆 Third Prize

## PHOTOGRAPHS



TECH FEST

COLLEGE: IIT BOMBAY





# DRONE CHALLENGE

PLACE: Dept of Mechanical Engineering in SKCT

DATE: 27.02.2020

## STUDENTS

1. Vibunesh N T - 2 MCT B
2. Jenil join D J - 2 MCT A

## PRIZE WON

🏆 First Prize - Rs.1500

## PHOTOGRAPHS





# CODISSIA

DATE: 10 - 13.9.2019

PLACE:Coimbatore

NUMBER OF PROJECTS:9

## EVENT NAME

Codissia Project expo

## MENTORS

- 1.Vignesh.T
- 2.Manikandan

## PHOTOGRAPHS





# SIH -2018 -ASSAM

## STUDENTS

- 1.Preethi
- 2.Santhosh Kumar
- 3.Siva Sathish
- 4.Varun Vinayak
- 5.Rohith VL
- 6.Vasu Devan

## PRIZE WON

Deloitte Innovation Award - 10K

## PHOTOGRAPH

