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Institutional Distinctiveness

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ACE KALAM FORUM FOR INNOVATION -AKFI

In this modern era of development a vibrant knowledge Network has to be created across the different sectors to achieve success. For achieving this goal we have inaugurated an innovation forum called ACE KALAM FORUM FOR INNOVATION-AKFI. The club was inaugurated by Dr Pankaj Priyadarshi, Head of Aerodynamic wing at ISRO on 9th may, 2016.

The club will promote inclusive innovations by linking itself into creativity. Primarily, the club will aim at four functions:

1. Search
2. Spread
3. Sense
4. Celebrate.

The students can take up value addition in local ideas, test some of the innovations, modify the design or cover the whole value chain of Innovation including student based entrepreneurship. The club will also extend its efforts and include activities like skill development and other complementary activities. An industry-institute cell may be made up with in the club so that better awareness about different industries can be brought within the students.

Objectives

1. To explore innovative ideas, methodologies and technologies.
2. To organize seminar, conferences, workshops, exhibitions relating to innovations.
3. To provide opportunities for students to be engaged in innovative activities through creativity and technical workshops.
4. To provide a platform for students, teachers and other members of society to showcase their skills by creating new innovations and products.

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DEVELOPER WEEKEND ON WEB DESIGNING

ACE Kalam Forum For Innovation(AKFI), ACE College of Engineering, Trivandrum, in association with **StudyOwl** conducted a **Developer Weekend** on May 13th and 14th, 2017, on the ever prevailing topic of Web Development. Developer Weekend (www.developerweekend.org) is community driven twoday event. The motto of Developer Weekend is to focus on new and trending technologies and to spend the weekend learning and mastering those skills. Developer Weekends give students the opportunity to learn from, interact with and gain insights from industry experts of various technical backgrounds.

This Developer Weekend in ACE is organized by S6 Mechanical students Mr. Manikantan R Nair & Mr. Sarath Sankar

Mr. Prashanth Reddy from StudyOwl (www.studyowl.in) started the session in the most interactive way, introducing participants to the world of Web Development, and guiding them step by step, turn by turn into the intricacies. The topics covered by the end of first day included CSS, the style sheet language used for describing the presentation of a document written in a markup language.

Second day session saw Mr. Prashanth open the show with bootstrap, the opensource frontend web framework for designing websites and web applications. Post bootstrap, the participants were introduced to the super popular and highly useful JavaScript, and guided through the ways of writing meaningful, useful code in JS, along with all the tips and tricks that the language has to offer.

Sunday's tutorial session culminated into a 2 hour Hackathon, which was conducted with 2 people in each team. The top 2 teams among the 15 competing ones were chosen as winners of the Hackathon, and awarded with certificates from StudyOwl. The event ended with the great inspirational talks by Mr Azeem Hafiz(Mechanical HOD) and ECE Hod Mr.Rafeeq., At the End of the event StudyOwl(www.studyowl.in) team selected 6 students from college and started the foundation for Developer Weekend Bootcamp coding club in the college and these students will be provided with free technical support for 1 year from the company., lot of students discussing their knowledge and insights, and bombarding the organizers with questions to clear their doubts. Together with StudyOwl, through Developer Weekend, the participants explored the world of Web Development with a resolve to excel in the field.

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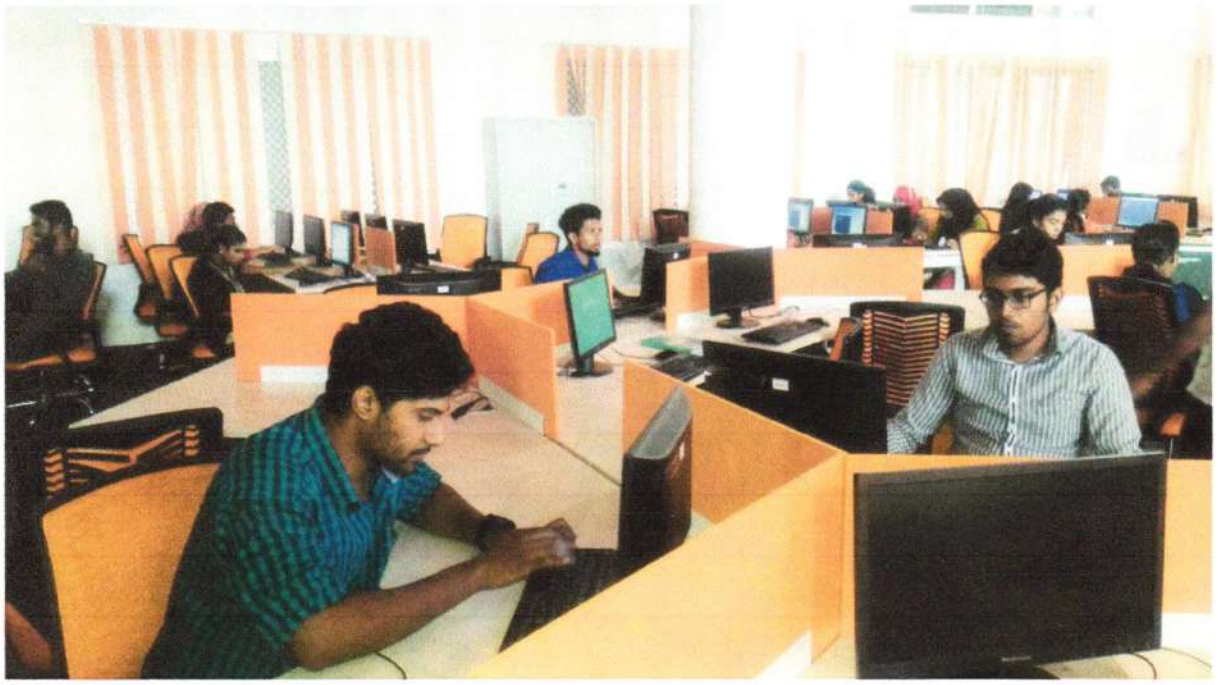
SESSION FOR DEVELOPER WEEKEND ON WEB DESIGNING



SESSION FOR DEVELOPER WEEKEND ON WEB DESIGNING

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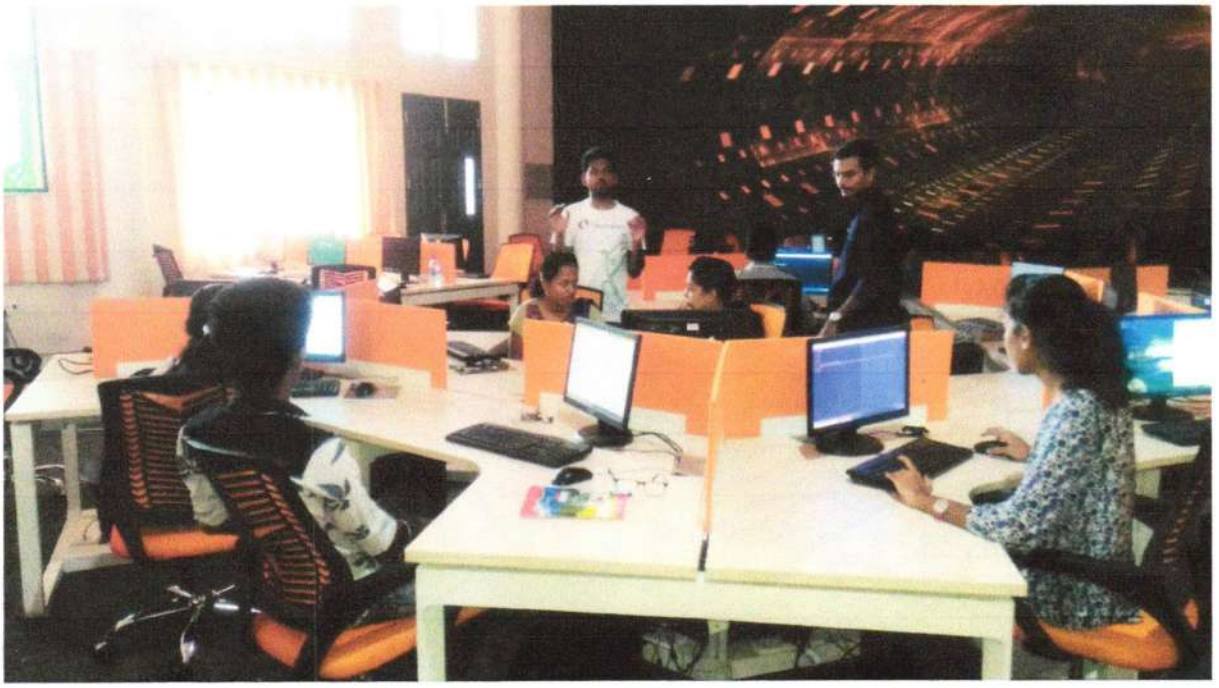

SESSION FOR DEVELOPER WEEKEND ON WEB DESIGNING

SESSION FOR DEVELOPER WEEKEND ON WEB DESIGNING

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SESSION FOR DEVELOPER WEEKEND ON WEB DESIGNING

PRIZE DISTRIBUTION

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RC GLIDER WORKSHOP

"Venture" was an idea put forward by Aeronautical Engineering Students in the year 2018 and successfully continuing its venture by learning, designing, and flying miniaturized aircrafts and drones. The aim of "Venture" is to encourage students to undertake projects where they design, fabricate, and fly miniaturized air borne vehicles. Workshops and air shows are held every year to bring together aero modelling and aviation enthusiasts sharing a unique passion of flying and applying theoretical knowledge to practical

On 26th September 2019, our team 'Venture' under the guidance of Assistant Prof.Prem Kishore sir, conducted our first ever workshop on RC Glider in the forenoon section in the college.

The workshop started with lectures given by the student coordinators of the team Venture followed by a quiz competition for the first year students. Respected principal, HOD's of various departments, faculty members of aeronautical department gave their esteemed presence to start the workshop Principal sir congratulated all the team members and the department in his welcome speech.

Prof.Irshad Ahmed sir,HOD of Aeronautical department addressed the gathering. The lecturers where then started by the student coordinators one by one and after the lectures, there was a demonstration of the glider done by the team leader. The quiz competition was started after that.

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RC GLIDER WORKSHOP

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DEPT OF AERONAUTICAL ENGINEERING

IN ASSOCIATION WITH

NAKSHATHRA

TEAM VENTURE PRESENTS

RC GLIDER

WORKSHOP

QUIZ

COMPETITION

VENTURE

26TH SEPT

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RC GLIDER WORKSHOP

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IEDC

The IEDC (Innovation & Entrepreneurship Development Cell) came into existence in ACE College of Engineering with the aim to emerge as a Centre of Excellence in the field of Entrepreneurship Promotion and to act as a catalyst in transforming employable to entrepreneurial communities by translating latent ideas into viable enterprises.

Various events were conducted under IEDC:

Webinar On Orientation To IEDC

ACE College of Engineering IEDC announced the new board of governors for the year 2021-22 led by Mr. Noufal R of Sixth Semester , Aeronautical Engineering Department.

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EXECUTIVE BOARD MEMBERS
>> 2021-22 <<

ACE IEDC

NOUFAL R (S6 AD)
CHIEF EXECUTIVE OFFICER

ASWATHY SURESH L (S6 CE)
CHIEF OPERATING OFFICER

KANNAN A (S6 CE)
CHIEF TECHNICAL OFFICER

APARNA S NAIR (S6 EC)
CHIEF MARKETING OFFICER

ALAMEEN (S6 ME)
CHIEF CREATIVE OFFICER

J AAYISHA(S4 EE)
CHIEF FINANCIAL OFFICER

GOKUL RAJ R(S2 ME)
CHIEF COMMUNITY OFFICER

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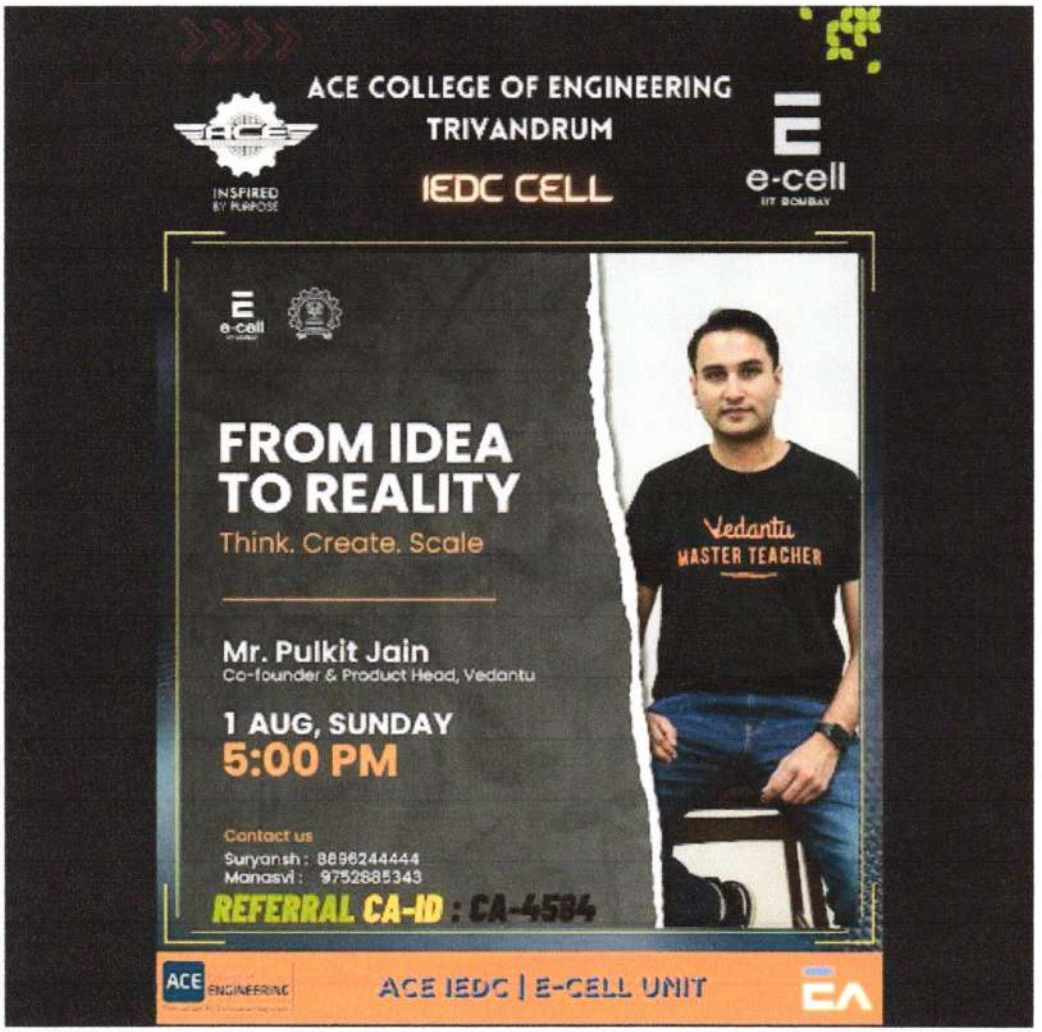
Ideation Webinar By E-Cell IIT Bombay

ACE College of Engineering in association with the Innovation and Entrepreneurship Development Cell conducted a ideation webinar on From Idea to Reality by Mr. Pulkit Jain, co-founder of Vedantu.



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Webinar On Digital Entrepreneurship

Innovators' Premier League is an initiative of Kerala Startup Mission (KSUM) that aims to bring awareness and sensitization of IEDC & its activities among students, building a competitive & entrepreneurial mindset among innovators, and create the pipeline of startups.

During IPL, students in the institution will compete with each other at the College level, followed by Regional level competitions under three major pillars – Innovation, Technology & Entrepreneurship. The league competition runs on a point system where institution and students can achieve points through conducting boot camps, workshops, startup generation etc. under various categories.

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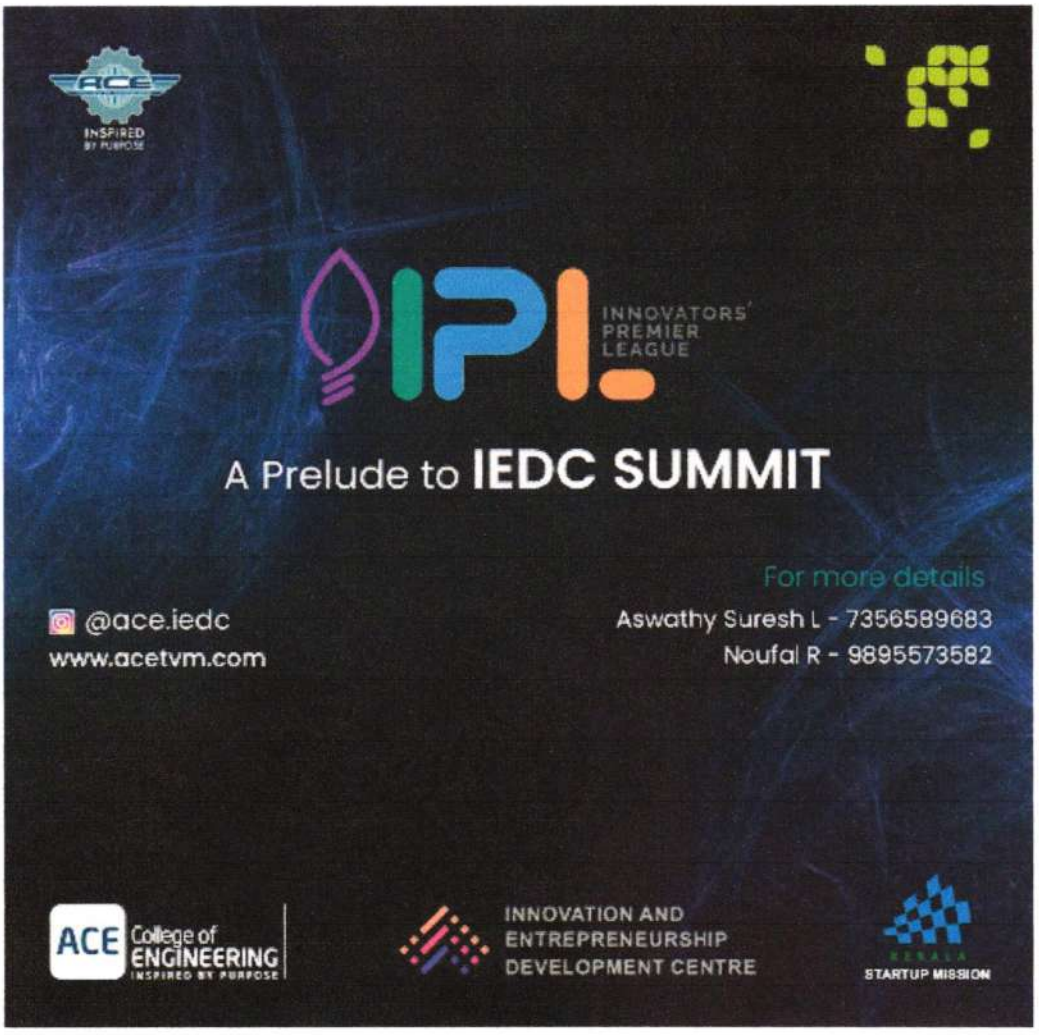

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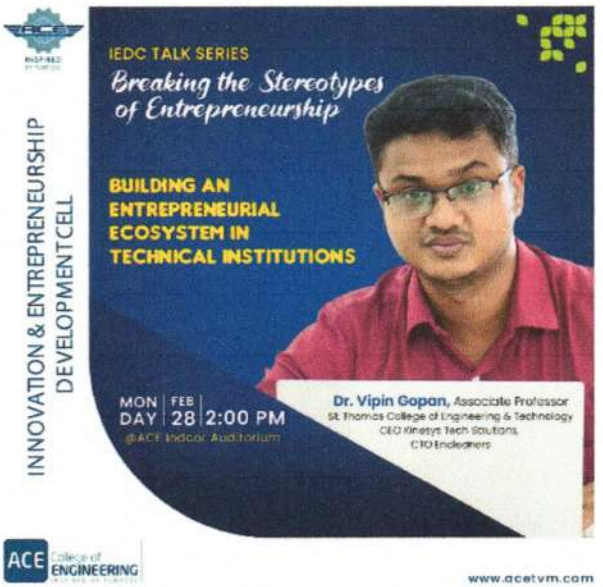
IEDC Talk On Breaking The Stereotypes Of Entrepreneurship

ACE College of Engineering hosted an IEDC talk series to introduce people to some remarkable innovative entrepreneurs. This time, we had Mr. VIPIN GOPAN, CEO of kinesys tech solutions, to share his astounding story of accomplishment with the public.



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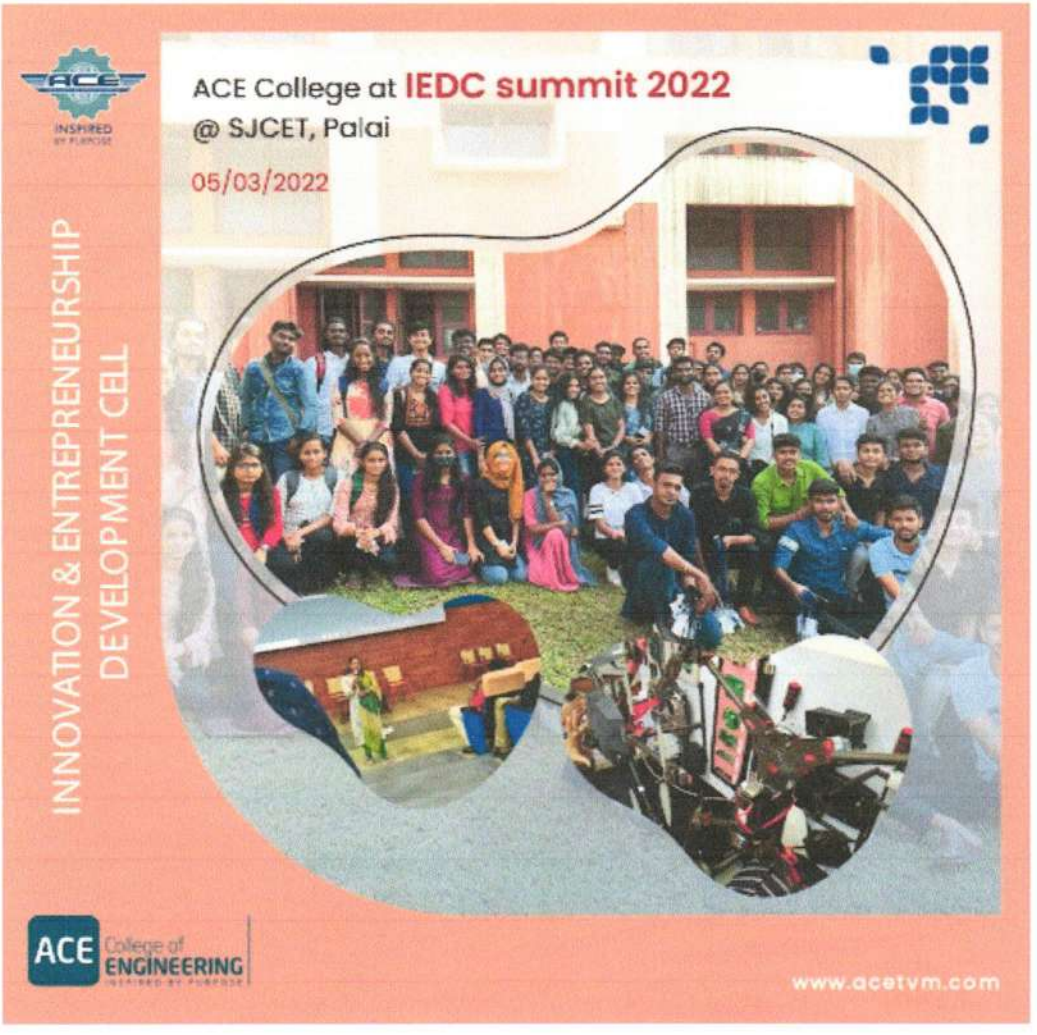
IEDC TALK ON BREAKING THE STEREOTYPES OF ENTREPRENEURSHIP

At IEDC Summit 2022 @SJCET Palai

101 students of ACE College of Engineering along with Nodal Officer Mr. Nandu Bhadran and Assistant Nodal Officer Ms. Reshma Suresh Babu attended Asia's largest summit for aspiring student entrepreneurs at St. Joseph's College of Engineering and Technology, Palai. It was an eye opener for our students, as it gave a wide perspective on entrepreneurship.

Participation Of ACE College



AT IEDC SUMMIT 2022 @SJCET PALAI

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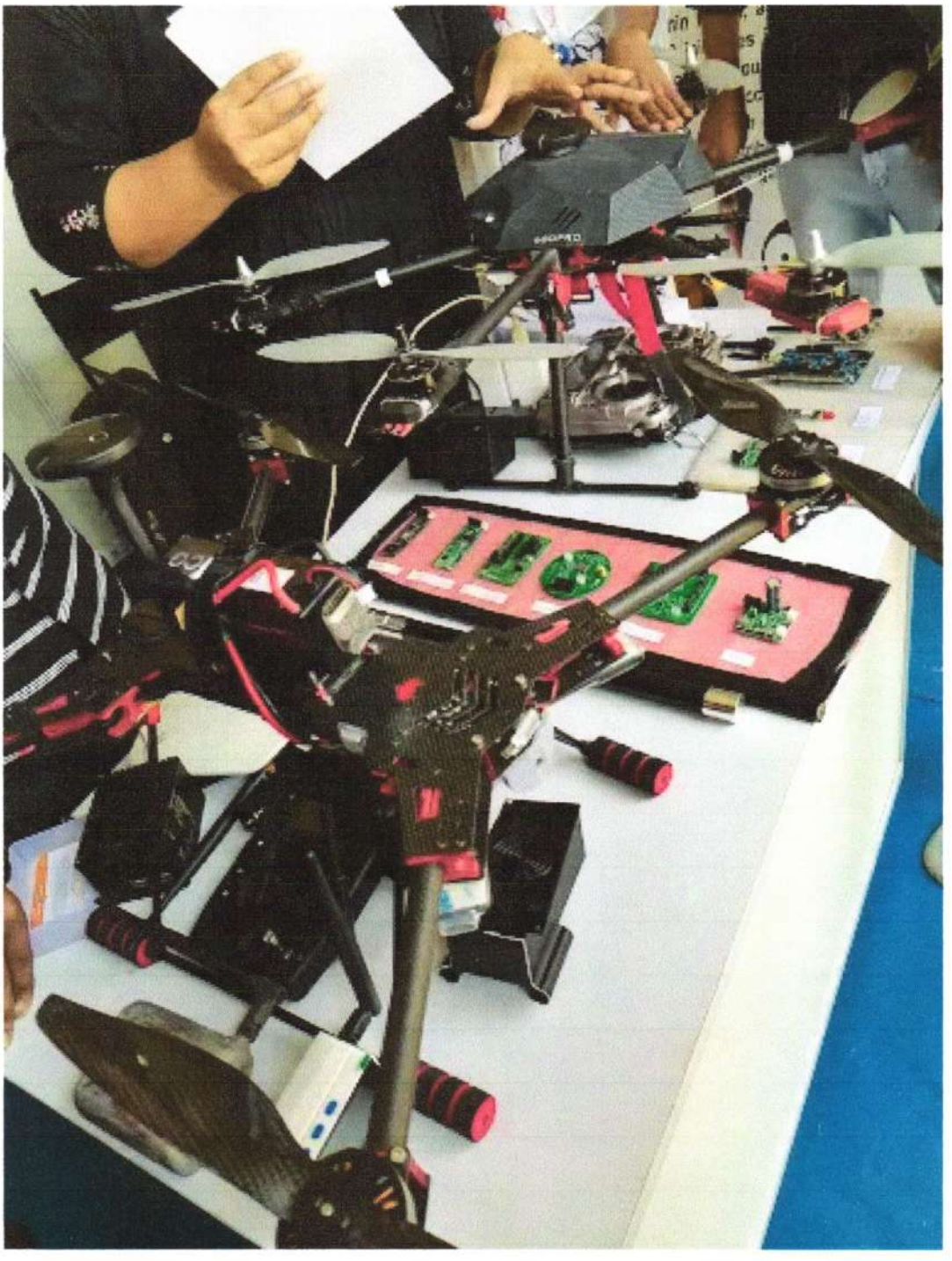

AT IEDC SUMMIT 2022 @SJCET PALAI

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AT IEDC SUMMIT 2022 @SJCET PALAI

Webinar On Virtual Labs For Practical Courses

ACE College of Engineering has been selected as a nodal centre of the Virtual Labs initiative funded by the Ministry of Education (formerly MHRD), Government of India, under the National Mission on Education through Information and Communication Technology. It is envisaged as an e-learning platform for practice oriented subject areas in the same lines of NPTEL for classroom courses, aimed at facilitating learning of engineering and sciences through experimentation in a virtual environment at the preferred pace, place and period (time) of the learner.

An internal faculty training programme via online mode for all the faculty and academic staff of our college was conducted on May 25, 2022 at 2:30 pm under the initiative of NITK Surathkal.

The Nodal Centre Coordinator of ACE College of Engineering is Mr. Asif Shahkutty, Assistant Professor, Department of Electronics and Communication.

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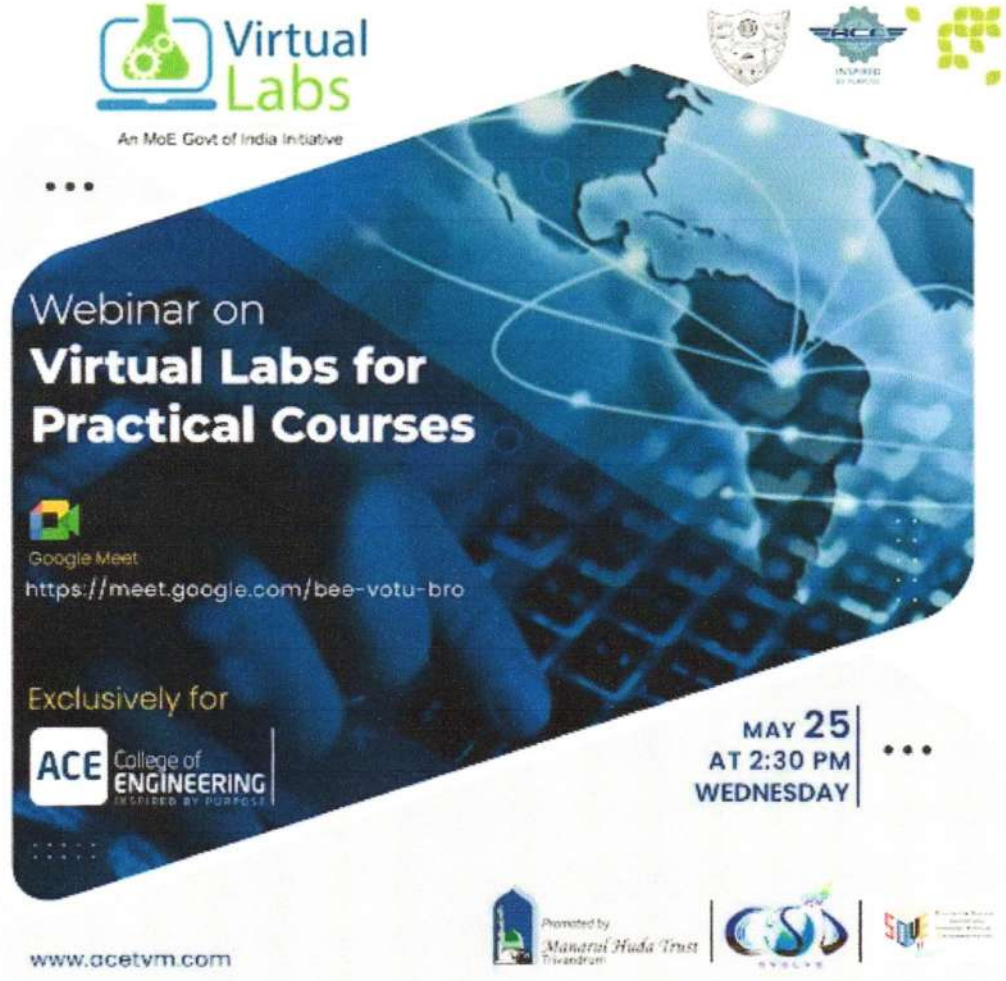

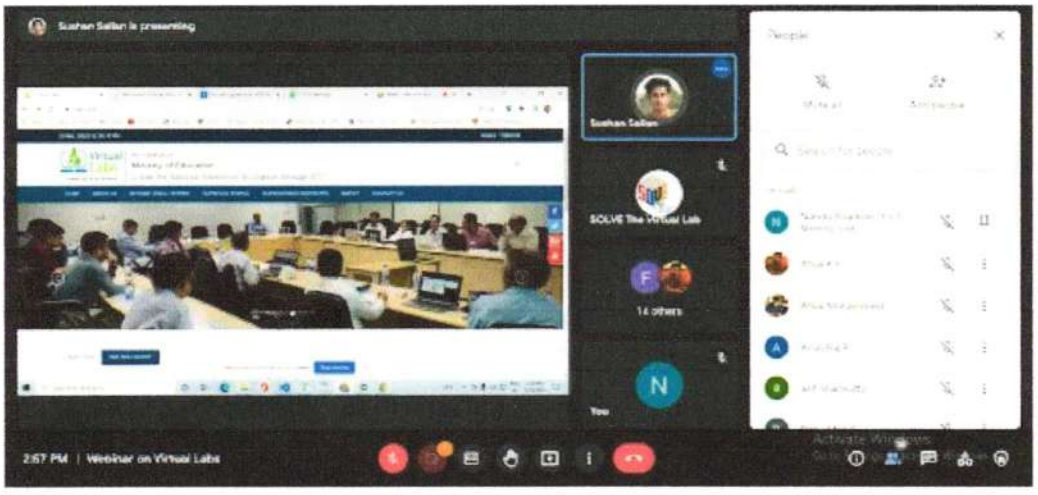

WEBINAR ON VIRTUAL LABS FOR PRACTICAL COURSES

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WEBINAR ON VIRTUAL LABS FOR PRACTICAL COURSES

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2 Days Workshop On Cyber Security And Ethical Hacking

ACE College of Engineering, Trivandrum, in association with Techbyheart conducted 2 days workshop on CYBER SECURITY AND ETHICAL HACKING. The workshop was conducted on 24th and 25th of June 2022 at 9.30 am to 3.30 pm by Mr. Dhanoop R., Associate Member at National Cyber Safety Security Standards, Volunteer at National Cyber Defence Research Centre, Cyber Security Analyst at Techbyheart India Pvt Ltd, and Cyber Security Expert at Appin Technology Lab, Kochi(Delhi IT based Cyber Security Institution).

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WORKSHOP ON CYBER SECURITY AND ETHICAL HACKING

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WORKSHOP ON CYBER SECURITY AND ETHICAL HACKING

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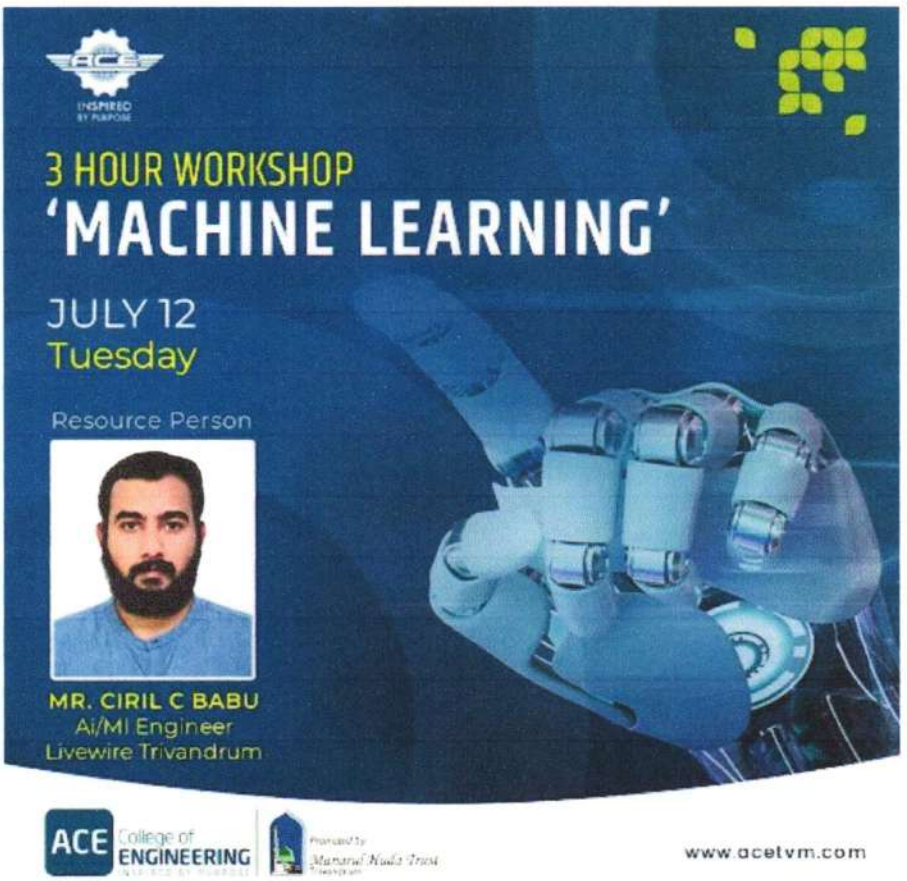
3 Hour Workshop On Machine Learning

ACE College of Engineering conducted 3 hour workshop on 'Machine Learning' on 12th July 2022. The resource person was Mr Ciril C Babu, Ai/MI Engineer, Livewire, Trivandrum.



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WORKSHOP ON MACHINE LEARNING

3 Days Drone Workshop

ACE College of Engineering conducted a three day DRONE WORKSHOP. The workshop started on 14 July and ended on 16 July.

DRONE WORKSHOP

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One Day Technical Workshop On Automotive Design

ACE College of Engineering organized a three day workshop on WEB DEVELOPMENT. The workshop started on 14 July and ended on 16 July. The resource persons were Ajayakumar V N and Neeraj S Sekhar, Front End Developers, Dexpro.

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TECHNICAL WORKSHOP ON AUTOMOTIVE DESIGN

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ACE IEDC has selected the executive board members for the year 2022-'23.

Launch Of Innovators' Premier League

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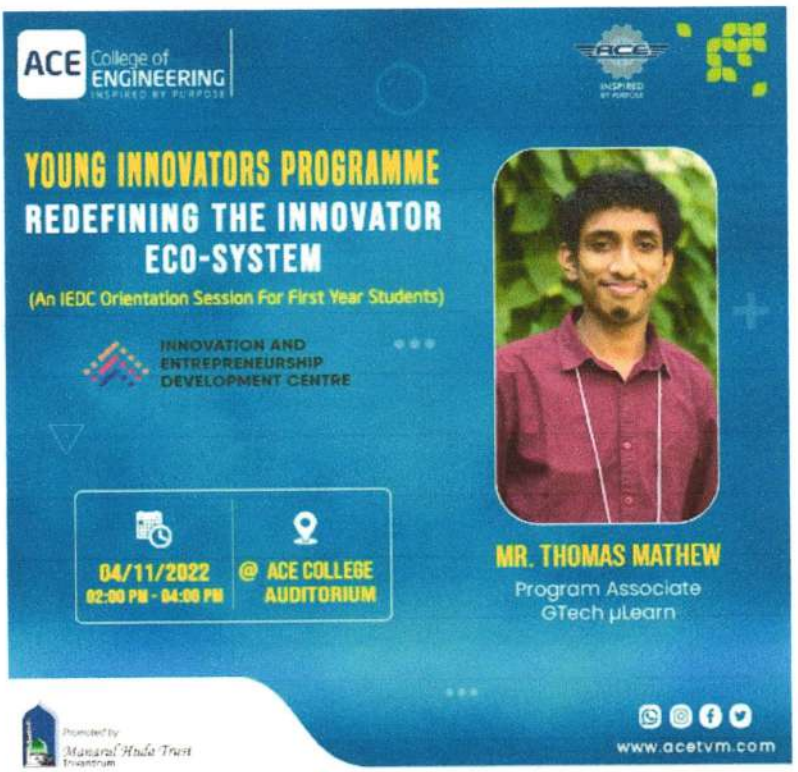
Innovators' Premier League is an initiative of Kerala Startup Mission (KSUM) that aims to bring awareness and sensitization of IEDC & its activities among students, building a competitive & entrepreneurial mindset among innovators, and create the pipeline of startups.

During IPL, students in the institution will compete with each other at the College level, followed by Regional level competitions under three major pillars – Innovation, Technology & Entrepreneurship. The league competition runs on a point system where institution and students can achieve points through conducting boot camps, workshops, startup generation etc. under various categories.

IEDC Orientation Session For First Year Students

On behalf of ACE IEDC an orientation session is arranged for the first year students on 04/11/2022 at 02:00 PM at the college auditorium. The resource person for the orientation is Mr. Thomas Mathew, Program Associate, GTech MuLearn.



IEDC ORIENTATION SESSION FOR FIRST YEAR STUDENTS

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IEDC ORIENTATION SESSION FOR FIRST YEAR STUDENTS

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One Day Innovative Bootcamp On Starting A Startup

The innovation and Entrepreneurship Development Cell of ACE College of Engineering conducted a one day Innovation Bootcamp on "Starting a startup" by Mr. Ajay Basil Varghese, Nodal Officer, Adi Shankara TBI & IEDC on 22nd November 2022 at 9 am in the college auditorium.

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INNOVATIVE BOOTCAMP ON STARTING A STARTUP

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One Day Technical Workshop On Introduction To Electric Vehicle

ACE IEDC conducted a one day technical workshop in Electric Vehicle on 28/11/2022 . The resource person for the session was Mr. Shyam Kumar, Managing Director of Innovation Experience.

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TECHNICAL WORKSHOP ON INTRODUCTION TO ELECTRIC VEHICLE

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One Day Technical Workshop On Automotive Design

ACE College of Engineering in association with the Innovation and Entrepreneurship Development Cell conducted a one-day technical workshop on Automotive Design using CAN & LIN Protocol on 30/11/2022. The session started at 09:00 am at the college auditorium.

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TECHNICAL WORKSHOP ON AUTOMOTIVE DESIGN

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Session On Patenting

ACE College of Engineering conducted a special session on the topic 'Important aspects of Patenting' on 5th December 2022 from 10 am to 12 pm. Mr. Shyam Kumar S, Managing Director, Innovation Experience was the resource person.

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One Day Technical Workshop On AutoCAD

ACE College of Engineering in association with the Innovation and Entrepreneurship Development Cell conducted a one-day technical workshop on AutoCAD on 06/12/2022. The session started at 09:00 am at the CAD lab.

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TECHNICAL WORKSHOP ON AUTOCAD

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One Day Innovation Bootcamp On Startup Venture Planning

ACE College of Engineering in association with the Innovation and Entrepreneurship Development Cell conducted a one-day innovation Bootcamp on Startup Venture Planning on 08/12/2022. The session started at 10:15 am at the college auditorium.

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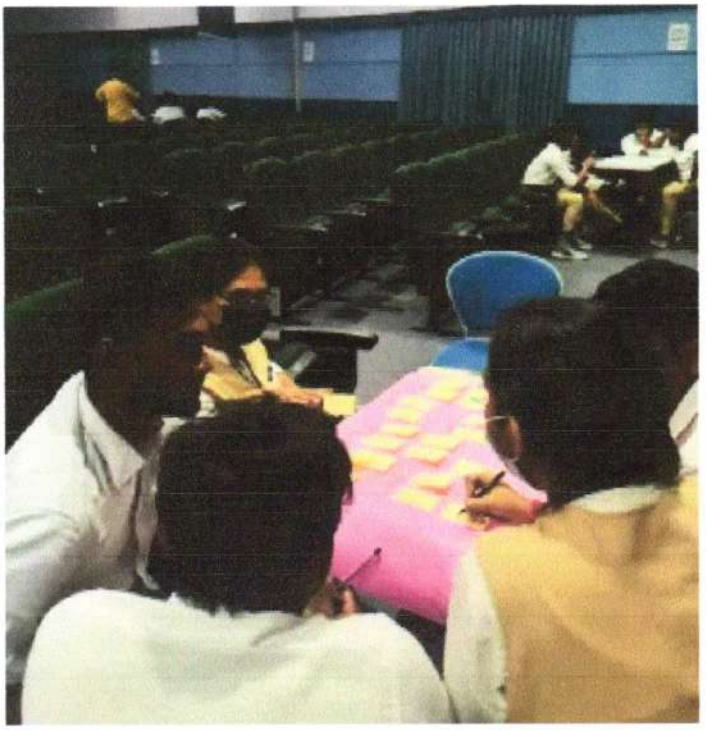

INNOVATION BOOTCAMP ON STARTUP VENTURE PLANNING

PRINCIPAL
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