

IIC ACTIVITIES (2021-22)

INCUBATION OPPORTUNITIES FOR EARLY STAGE START-UPS (29.08.2022)

TIST Institution Innovation Council (IIC) in Association with Department of Computer Science and Engineering and TIST IEDC organized an online session on "Incubation Opportunities for Early Stage Start-Ups" on 29th August 2022 (Monday) at 11:30 am.

Speaker: Mr. Jibin Jose, VP Ecosystem Relations at ADIF and CEO & Founder, Flipmotion



FROM AN INNOVATIVE IDEA TO A STARTUP BUSINESS (26.08.2022)

TIST Institution Innovation Council (IIC) in Association with the Department of Information Technology and TIST IEDC organized an Online session on "From an Innovative Idea to a Startup Business" on 26th August 2022.

Speaker: Mr. Joel Varghese, Founder & CEO, Blackwood Dynamics.



ORIENTATION SESSION ON NISP (23.08.2022)

Principal Prof Dr Preethi Thekkath gave an orientation session on NISP, to the staff and students of Toc H Institute of Science & Technology at 2.00 pm on 23.08.2022.



ROLE OF HEIs in NATIONAL INNOVATION ECOSYSTEM (23.08.2022)

Session on the 'Role of Higher Education Institutions (HEIs) in National Innovation Ecosystem' , by Dr Sreeja M S , President , Toc H IIC was conducted on 23.08.2022 at 11 am at Toc H Institute of Science & Technology.



IIC REGIONAL MEET (06.08.2022)

Toc H participated in the IIC Regional Meet Kochi-2022. Four members of Toc H IIC represented four different tracks in the meet- ARIIA, NISP, IIC, IPR.

At the IIC Regional meet , Dr Preethi Thekkath ,Principal, TIST received a memento as a token of appreciation from MoE , after she gave a presentation on formulation & adaptation of NISP (National Innovation & Startup Policy) in TIST.



IMPACT LECTURE SERIES (30.07.2022)

Toc H IIC conducted twin lectures under the MIC Sponsored IMPACT LECTURE SERIES-2022-SESSION II on 30.07.2022.

Lecture 1 on why digital marketing is important to entrepreneurs by Shabeer V(Google certified digital marketing professional, Managing partner & digital marketing consultant at Wap Ads), in association with the Department of Mechanical Engineering.

Lecture 2 on Innovation opportunities in Engineering by Dr Unnikrishnan K C(Co-founder ZOID Labs) in association with the Department of Electrical and Electronics Engineering .

Toc H **IIC** **TIST** **INSTITUTE OF SCIENCE & TECHNOLOGY** **INSTITUTIONS INNOVATION CELL** **UNIVERSITY INNOVATION CELL** **GOVERNMENT OF KERALA**

MIC Sponsored
IMPACT LECTURE SERIES SESSION II

LECTURE I
"Digital marketing tools and suggestions for start-ups"
Speaker
Mr. Shabeer V
Google certified digital marketing professional

LECTURE II
"Innovation Opportunities in Engineering"
Speaker
Dr. Unnikrishnan K C
Co-Founder Zoid Labs

For Registration
<http://surl.li/cqnd>

Wednesday, 30 July 2022
11:00 am - 12:30 pm
03:00 pm - 04:30 pm

<https://meet.google.com/ourm-axcn-spd>

Department of Electrical & Electronics Engineering
Department of Mechanical Engineering

Toc H Kochi **NIP** **ISO**

AWARENESS ABOUT STARTUP & RELATED ECOSYSTEM (23.07.2022)

With an intention of encouraging the entrepreneurial skills in Engineering Students , Toc H IIC in association with Dept of Mechanical Engineering , organised an offline talk on " Awareness about Startup & Related Ecosystem" on 23.07.2022 by Brian Sebastian Head of Operations, MedTech . The talk was held at Visweswarayya Block, TIST.

The speaker talked in general about the huge possibilities in Startups, and how the various aspects leading to Startup venture can be tackled effectively. The session was interactive and many students could discuss their ideas and concerns in detail with Mr. Brian.



INNOVATION THROUGH DESIGN THINKING (19.07.2022)

To become an innovative thinker and uncover creative skills in you effectively, the role of design thinking is significant.

To impart this idea to students, Toc H IIC in association with Department of CSE organised a talk on " Innovation Through Design Thinking" by Dr Sreela Sreedhar ,HoD , Department of CSE on 19.07.2022 at C V Raman Hall at Toc H Institute of Science & Technology.



HOW TO PLAN FOR START-UP AND LEGAL & ETHICAL STEPS (18.07.2022)

A session on 'How to plan for Start-up and legal & Ethical Steps; by Mr Manu Francis Founder & CEO – Edwhere Education was organised by Toc H IIC in association with Department of Mechanical Engineering on 18.07.2022 at Visweswarayya Block , Toc H Institute of Science & Technology. The talk provided an exposure to the students on getting on-board the start-up journey and how to overcome the hurdles.

The poster features a central photograph of Manu Francis, Founder & CEO of Edwhere Education, wearing a light blue button-down shirt. Above the photo is a blue banner with white text: "A Talk by Manu Francis - How to plan for Start-up and legal & Ethical Steps". Below the photo is another blue banner with white text: "Founder, CEO - Edwhere Education". The top of the poster has the Toc H Institute of Science & Technology logo and name, along with accreditation details: "(NAAC Accredited Institute with NBA Accredited UG Programmes)". The bottom section includes the date and time "18/07/2022 11.40 AM", the association "In association with IIC", and the organizing department "Organized by Department of Mechanical Engineering". It also lists the institute's address and contact information, along with logos for NBA, NAAC, and ISO.

SCIENTIA & IDEATHON (16.07.2022)

To encourage the school students to ideate & innovate, Toc H IIC in association with Dept of CSE & TIST IEDC, invited them to be a part of the **Tech Foss** 2022.

SCIENTIA – A Quiz competition & an Ideathon competition was conducted exclusively *for school students* on 16. 07. 2022, and exciting prizes were declared. 8 Schools were participated from in and around Ernakulam

It proved *an amazing mind sport* that *teased* the young brains. Here are the winners..

The poster for the Scientia Quiz Competition has a black background with a glowing blue brain graphic in the center. Text includes "SCHOOL LEVEL COMPETITION" at the top, "TECHFOSS 2022" in the top right, and "SCIENTIA QUIZ COMPETITION" in large yellow letters. It specifies "ONLINE EVENT" on "16 JULY, 6 PM". Prizes are listed as "FIRST PRIZE : 1000/-" and "SECOND PRIZE : 500/-". A QR code and registration link "https://bit.ly/Scientia" are on the left. The bottom lists prize sponsors: Computer Science & Engineering, IEDC TIST, Preston Analytics, LogicSpace, Link Ur Codes, and TechKoolah.

The poster for the Ideathon Idea Pitching Competition has a dark blue background with a glowing lightbulb graphic in the center. Text includes "SCHOOL LEVEL COMPETITION" at the top, "TECHFOSS 2022" in the top right, and "IDEATHON IDEA PITCHING COMPETITION" in large yellow letters. It specifies "ONLINE EVENT" on "16 JULY 7.30 PM". Prizes are listed as "FIRST PRIZE: 1500/-" and "SECOND PRIZE: 500/-". A QR code and registration link "https://bit.ly/_ideathon" are on the left. The bottom lists prize sponsors: Computer Science & Engineering, IEDC TIST, Preston Analytics, LogicSpace, Link Ur Codes, and TechKoolah.

TECHATHON (15.07.2022)

To identify the innovators in Engineering students; To encourage them to come up with feasible solutions for the real time problems especially to create useable softwares for the same, Toc H IIC in association with Dept of CSE conducted a 3-Day-Techathon starting from 15.07.2022 as a part of TECHFOSS, the TECHFEST of Dept of Computer Science & Engineering..

TECHATHON (Prize Sponsored by Freston Analytics)

Here are the winners.. !

Way to go guys! Congratulation to all winners and participants.



CAPTURE THE FLAG (15.07.2022)

Programming contests are a great way for young programmers to apply what they know in a fun context and improve their analytical and problem-solving skills. By participating in programming competitions, children can program in the real world to solve a problem or hone their programming skills.

Toc H IIC in association with Dept of CSE organized a Coding competition "Capture the flag " on 15.07.2022 as a part of Tech Foss , the TECHFEST of CSE Dept

We whole heartedly congratulate all the winners!

Thank you "Link_Ur_Codes" for sponsoring the prizes !



UI/UX HACKATHON (15.07.2022)

To encourage the beginners to enter the world of designing, and more so in a student friendly environment Toc H IIC in association with Dept of CSE conducted the User Interface / User Experience Hackathon (UI/UX HACKATHON) for the young Engineering students , on 15.07.2022 as part of Tech Foss, The technical Fest of Dept of CSE.

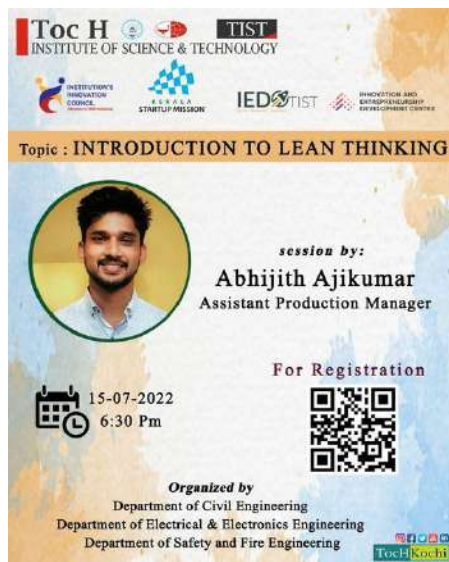


INTRODUCTION TO LEAN THINKING (15.07.2022)

Toc H Institute of Science and Technology invites you to the session organised by Toc H IIC, IEDC , SFE, EE & CE.

Topic : INTRODUCTION TO LEAN THINKING

Event Timing: 15th July 2022, 6.30 pm | Mode: online



TODAY'S STUDENT TOMORROW'S ENTREPRENEUR (15.07.2022)

Greetings from Toc H Institute of Science & Technology

We are delighted to announce that the Institution's Innovation Council (Toc H IIC) in association with the Department of Electronics & TIST IEDC organised a talk by Sreeshankar S Nair Co-founder & CEO, BRAINWIRED on 15.07.2022

Topic: Today's Student Tomorrow's Entrepreneur

Venue: Tagore Hall



SESSION ON ANGEL INVESTMENT AND FUNDING OPPORTUNITIES (01.07.2022)

Not every route is suitable for all startups. It calls for an incisive study and objective analysis before taking the final leap.

TIST Institution Innovation Council (IIC) in Association with Department of Computer Science and Engineering and TIST IEDC organised a session on " Angel investment and funding opportunities for early stage startups "by Abhay P.A , DevOps Associate, Upekkha on 1st July 2022.



OUT OF THE BOX THINKING FOR PROBLEM SOLVING (28.06.2022)

Toc H IIC is thankful to the Ministry of Education's Innovation Cell, AICTE, MIC for organizing a session on "Out of the box thinking for problem solving" and giving as an opportunity to attend the same

Speaker: Prof. V. Kamakoti, Director, IIT Madras

Mode of Activity: Online, via YouTube

Date: 28th June 2022, Tuesday

Time: 2:00 PM - 3:00 PM.

The session was open for all IIC members including faculty, students and staff.



MATERIALISING IDEAS TO PRODUCTS (28.06.2022)

"Doubt kills more dreams than failure ever will"

Toc H IIC in association with Department of Computer Science & Engineering conducted a session on "Materialising ideas to products "by Mr. Jerin A Mathews (Founder, Rectify; Software Engineer, Zoominfo & Alumnus, 2012-16' Batch, CSE Toc H) on 28.06.2022

Mr. Jerin shared the story of his entrepreneurship journey and gave a practical perspective on how to convert ideas in mind to executable products. It was quite an inspiring a talk for his juniors.



CAPSTONE'22 -AN EXPO OF PROJECT PROTOTYPES (24.06.2022)

Converting ideas to prototypes

Toc H IIC in association with Dept of Computer Science & Engineering conducted CAPSTONE 2022 - an expo of prototypes developed by final year students of CSE 2022 on 24.06.2022. It was a huge inspiration for their juniors

Department of CSE & IIC Toc H welcomes all students and staff to batch as part of their final year project.



DESIGN IN A DAY (23.06.2022)

In today's world of automation, along with promoting your innovation skills it is also important to develop sophisticated 3D models and simulations in an effective manner.

Toc H and Institutes Innovation Council (IIC) Toc H & IEEE RAS SBC & IEEE SB jointly organised a gripping and exciting Product design workshop "Design in a day (DIAD)" in the offline mode on 23rd June 2022.



IMPACT LECTURE SERIES (18.06.2022)

Toc H IIC is conducted the first session of the Impact Lecture Series sponsored by MoE's Innovation Cell (MIC), on Saturday (18.06.2022) on online mode.

Dept of IT organised lecture 1 & Dept of CE organised lecture 2 on the same day sharing the details.

Toc H INSTITUTE OF SCIENCE & TECHNOLOGY
TIST
MIC Sponsored
IMPACT LECTURE SERIES
Session I- Lecture 1
Essentials in a Successful Entrepreneur

Speaker
Dr. Varghese Paul
Professor RSET, KOCHI
Author, Innovator, Start up Mentor
For Registration
bit.ly/3OabdKX

Saturday, 18 June 2022
9:30 am - 11:00 am

<https://meet.google.com/bsd-njoc-qnx>
Department of Information Technology
NBA
ISO
Toc H Kochi

Toc H INSTITUTE OF SCIENCE & TECHNOLOGY
TIST
MIC Sponsored
IMPACT SERIES LECTURES
Session I- Lecture II
ENTREPRENEURSHIP OPPORTUNITIES IN ENGINEERING

ER. VINISH JOHN
Managing Director,
ANVIN building design
& Construction
18th JUNE 2022
11.15 Am TO 12.45 Pm
For Registration
<https://forms.gle/JhvgY9erKaY6WAQ6>

<https://meet.google.com/edx-daam-qim>
Department of Civil Engineering
NBA
ISO
Toc H Kochi

WORLD OF STARTUP-CHALLENGES & OPPORTUNITIES (16.06.2022)

When you aspire for starting your own business but are confused, you need the right advice and awareness, to ignite that fire in you.

Toc H IIC in association with Dept of Computer Science Engineering & TIST IEDC conducted an interactive session on "The world of Startup - challenges & opportunities "by Mr. Eldhose P Sim, Innovation Ambassador, Toc H IIC, on 16.06.2022.

The session gave valuable inputs that inspired the members of Toc H IIC to venture into startup activities.

Toc H IIC
presents
Session on
World of Start Up - Challenges & Opportunities

16th June 2022
10.30 AM
Venue: CV Raman Hall

Mr. Eldhose P Sim
Innovation Ambassador
Toc H IIC
In Association with
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
&
IEDC TIST
Toc H Kochi

ORIENTATION ON YUKTI 2.0 (06.06.2022)

Principal Dr Preethi Thekkath along with Dr Georgina Binoy Joseph (ARIIA coordinator) & Dr Gnanasheela (YUKTI coordinator) gave an awareness session on ARIIA & YUKTI 2.0 , for the staff of Toc H Institute of Science & Technology on 06.06.2022. It was a lively and interactive session that helped in clearing many doubts in connection with YUKTI and ARIIA.



WORLD ENVIRONMENT DAY (05.06.2022)

The World Environment Day which is celebrated annually on 5 June has become United Nations' principal vehicle for encouraging awareness and action for the protection of the environment.

To urge the world to live sustainably in Harmony with Nature, Toc H INSTITUTE OF SCIENCE & TECHNOLOGY joined the world campaign [#OnlyOneEarth](#) on the World Environment Day (WED), 5th June 2022.

To celebrate the event and to spread awareness among young Engineers, Toc H IIC & Department of Civil Engineering jointly organised a "SLOGAN MAKING COMPETITION".



WORKSHOP ON BUSINESS MODEL CANVAS (31.05.2022)

Toc H IIC & IEDC jointly organised a one-day workshop on Business Model Canvas by Mr. Ajay Basil (Technical Expert & Resource Person), Business Model Canvas on 31.05.2022, in association with Dept of Electronics. The session was extremely useful and quite inspiring.



VISIT TO KERALA INNOVATION WEEK (28.05.2022)

It was indeed a great day that complemented the technical exposure and industry interaction of our IIC Members, at Kerala Technology Innovation Zone, Kochi on 28 May 2022.

They could attend the CREATORS' SUMMIT, presented by Kerala Start Up Mission (KSUM) along with Global Shapers Kochi, which offered a great platform for all to catch up, create and learn from the best.



EXHIBITION ON PROTOTYPE DEVELOPED BY FINAL YEAR STUDENTS (28.05.2022)

To promote interest in prototype development among young Engineers & to create awareness regarding its positive impact on socio-economic and sustainable development of the country, exhibition of prototypes developed by final year students under the effective mentoring and guidance of our Innovation Ambassadors, was conducted by Toc H IIC, in association with Civil Engineering Department on 28.05.2022 at Visweswarayya Block , Toc H Institute of Science & Technology .



WORKSHOP ON MASTERING THE PRODUCT DEVELOPMENT (28.05.2022)

The roadmap of *PRODUCT DEVELOPMENT* - right from the conception of its IDEA to its realisation as a product, and to its introduction into the market- require significant planning and systematic actions.

To give a total insight into this most relevant area, join us for the workshop on "*Mastering the Product Development*" organised by Toc H IIC and IEDC in association with Department of Computer science and Department of Electronics on *28th May 2022*.

9.30 am - 3.00 pm



NATIONAL TECHNOLOGY DAY (11.05.2022)

As part of National Technology Day Celebration Toc H IIC and Department of Information Technology jointly organized a talk on 'Integrated Approach in Science and Technology for a Sustainable Future' by Dr. Rasmi P S, Coordinator KAPILA and HoD IT, Toc H on 11th May 2022 at Tagore Hall, Toc H Institute of Science & Technology (TIST).



WORLD WATER DAY (22.03.2022)

"A drop of water is worth more than a sack of gold to a thirsty man"

Toc H IIC, in association with the Department of Civil Engineering, ASCE Student chapter & IGBC Student Chapter celebrated 'The World Water Day 2022' on 22.03.2022. The program started with a technical talk by Dr G Madhu, Professor & Head, Chemical Engineering Division, CUSAT.

Time 2 .30pm to 3.30 pm



INTELLECTUAL PROPERTY RIGHTS (09.03.2022)

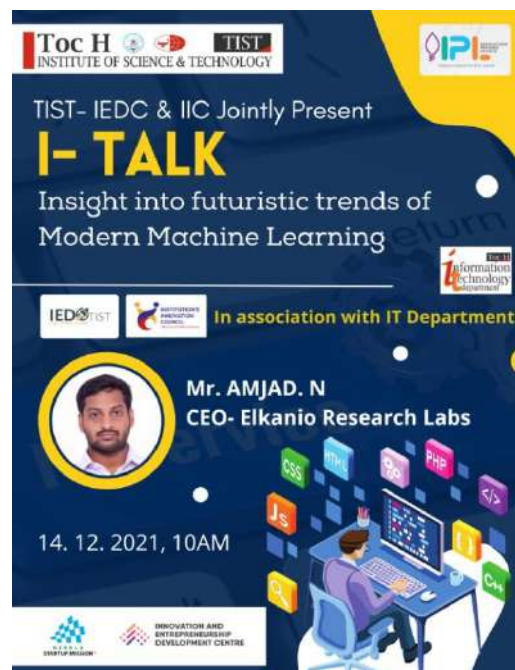
Intellectual property protection is critical for fostering innovation" Toc H IIC & TIST IEDC jointly presented an online talk on Intellectual Property Rights in association with Department of Electronics On 9th March 2022, 6.30PM.



INNOVATION SUPPORTED BY FUTURISTIC TECHNOLOGY (14.12.2021)

Innovation when supported by solid knowledge in futuristic trends will result in magical outcomes. Artificial Intelligence and Machine Learning are two of them.

To equip the innovative minds with an inclination towards Artificial Intelligence and Machine Learning, Toc H IIC & IEDC in association with the Department of Information Technology organized the i-Talk and hands-on session on 14th December 2021. The sessions were handled by Mr Amjad N CEO of ELKANIO Research Labs, Cochin.



HACKATHON IN FUTURE TECHNOLOGIES (04.12.2021)

Toc H IIC and IEC in association with the Department of computer science-engineering hosted a five-day-Hackathon in Future Technologies. The auspicious launching was held online on 4th December 2021, 10 AM by Mr Arun Alex, Coordinator of Industry Attachment cell, APJ Abdul Kalam University, Government of Kerala.

The auspicious launching will be held online on 4th December 2021, 10 AM by Mr Arun Alex, Coordinator of Industry Attachment cell, APJ Abdul Kalam University, Government of Kerala.



CREATIVE STARTUP (27.11.2021)

Creativity is essential for anyone who wants to keep their business moving forward. The student community that is too academic oriented often keeps their creative instincts aside during their campus life. In order to ignite those hidden sparks, Toc H IIC & IEDC jointly presented an ani-Talk on **Creative Startup** by Mr Amarnath Sankar, CEO of CAT Productions on 27th November 2021, 11 AM.

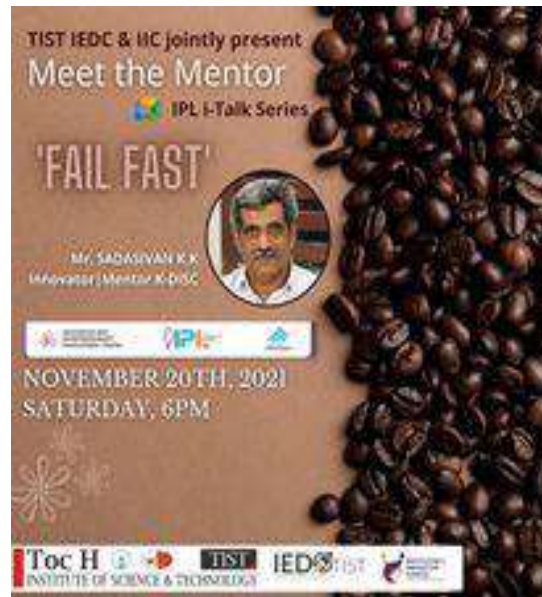


FAIL FAST (20.11.2021)

i- Talk – 'Fail Fast' (Meet the Mentor)

"You have the freedom to fail but with each failure learn something that enables success." The earlier you confront failures the faster you learn.

With this idea in mind, Toc H IIC in association with Toc H IEDC has conducted an online i-Talk by Mr. Sadasivan K.K, Mentor of Kerala Development and Innovation Strategic Council on 20th November 2021 at 6 PM.



IDEATHON (19.11.2021)

So as to inspire young minds who believe in being a part of the change, who believe in creation, who believe in action rather than words, Toc H IIC & IEDC jointly presented IDEATHON COMPETITION, a 15 Minutes speak- out- session on 19th November 2021 Exciting prizes were awarded to the winners.

Problem statement- Life Assistance Device for Visually Impaired



ORIENTATION SESSION ON IIC 4.0

Orientation session on IIC 4.0 by Dipan Kumar Sahu, Asst. Innovation Director, MoE Innovation Cell, being held on 24th Jan 2022 at 2:30 pm.

Link to participate: <https://www.youtube.com/MHRDIInnovationCell>



3-DAYS HANDS-ON WORKSHOP ON “INNOVATIVE PRODUCT DEVELOPMENT USING ARDUINO”

Department of Electrical and Electronics Engineering in association with IEDC, TIST organised a 3- Day hands on Workshop on “Innovative Product Development Using Arduino” which was handled by Mr. Lawrence Noel A. J, Embedded System Engineer, Comlift Hydraulics Pvt. Ltd. during 18-20th November 2021. A total of 27 participants including 15 students attended the session.

