The
Activity
Souvenir

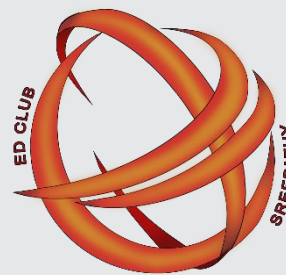# Innovation & Entrepreneurship

Development Center

SREEPATHY
Institute of Management And Technology

The
Activity
Souvenir
2021-22

SREEPATHY
Institute of Management And Technology

Editorial

Patrons:
Sri. M K Parameswaran - Chairman
Sri. M Vasudevan - Secretary
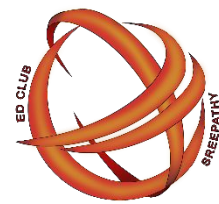Dr S P Subramanian - Principal
Prof. Sushma M - Dean – Academics

Members:
Krishnan K N – Nodal Officer, EDC
Sugesh M S - CEO, TBI
Praseena K - IIC President, SIMAT

EDC

Entrepreneurship Development Center (EDC) was established in Sreepathy Institute of Management And Technology (SIMAT) in 2015. Formerly the club was formed under National Service Scheme (NSS) with an objective to develop an entrepreneurial culture among NSS students. In 2015 it became a separate center with a financial support from Kerala Start Up Mission (KSUM). The club was also recognized and supported by Directorate of Industry and Commerce, Government of Kerala(DIC, Palakkad).
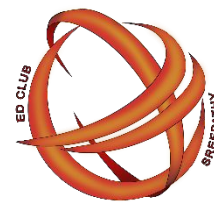
October 2021

1   INTERNATIONAL COLLABORATIONS GRANT

IEDC SIMAT in association with Vision Redbridge Culture submitted a proposal to British council for collaborating internationally to support arts and culture of India.
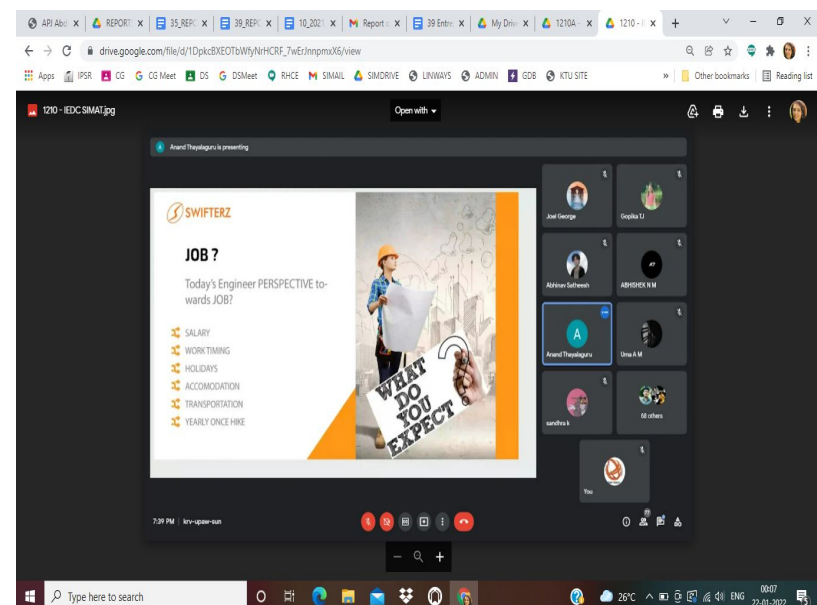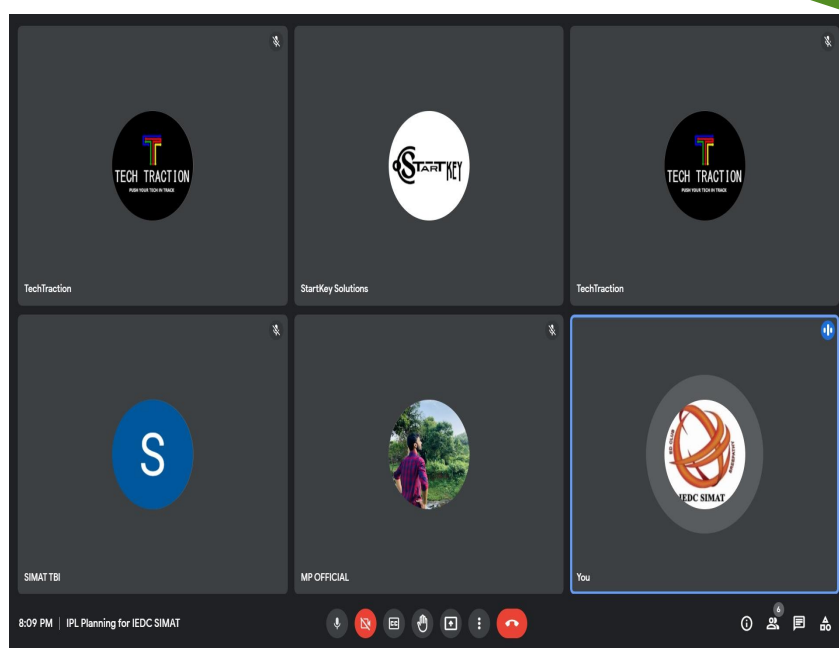
IEDC - SIMAT

October 2021

2 TBI-Orientation

IEDC SIMAT organized an orientation session on working of startups and Technology Business Incubator in association with IEDC - KSUM, IIC. Mr. Vineeth (SIMAT Alumni) and Mr. Renveer A R (Hydroig Innovations), Mr. Sebin Sunny P (IEDC Nodal Officer) were the key speakers. Representatives of Bego ENergy, Startkey Solution, Tripool Solutions, Techtraction, Hydroig Innovations, Growtips & Bytetrix solutions participated in the event.

3 Entrepreneurship & Career Development

An Orientation program was conducted Via Google meet. Shri Sebin Sunny P (Nodal Officer) delivered the Welcome address. Smitha (Technology Lead, Swifterz LLP) inaugurated the programme. Mr. Anand Tyagaraj (CEO, Swifterz) handled the session on Entrepreneurship and career development. Sravan S (CEO, Startkey Solutions) delivered the vote of thanks.

November 2021

1 **Mirror**

Soft skill and Career orientation program conducted by IEDC SIMAT. The event discussed across various topics regarding soft skill and the importance of career orientation to the upcoming graduates. Training session was taken over 8 hours.

2 **National Level Awareness Programme on Entrepreneurship**

An Orientation program was conducted Via Google meet. Shri Sebin Sunny P (Nodal Officer) delivered the Welcome address. Smitha (Technology Lead, Swifterz LLP) inaugurated the programme. Mr. Anand Tyagaraj (CEO, Swifterz) handled the session on Entrepreneurship and career development. Sravan S (CEO, Startkey Solutions) delivered the vote of thanks.

एम एस एम ई - विकास संस्थान
सूक्ष्म लघु और मध्यम उद्यम मंत्रालय
भारत सरकार
कांजाणी रोड, अय्यंथोले डाकघर
त्रस्सूर - 680 003 - केरल, भारत

MSME-DEVELOPMENT INSTITUTE
Ministry of Micro, Small & Medium Enterprises
Government of India
Kanjani Road, Ayyanthole P.O.
Thrissur - 680 003 - Kerala, India

THE PRINCIPAL
SREEPATHY INSTITUTE OF MANAGEMENT AND TECHNOLOGY
KOOTTANAD
PALAKKAD-679 533
Email: principal@simat.ac.in

Date: 23.11.2021

Subject: SAMBHAV- National Level Awareness Programme on Entrepreneurship-reg

Respected Sir,

SAMBHAV- National Level Awareness Programme (NLAP) on Entrepreneurship jointly organized by this office and Sreepathy Institute of Management and Technology, Palakkad on 20th November 2021 was a big success in terms of registration, participation, feedback submission, more over overall smooth conduct of the programme. With this programme we were able to effectively convey a very good motivational message of entrepreneurship to the budding students community.

I would take this opportunity to thank the Principal, Faculty members and Students for their respective role and part in the programme and would thankfully recall the dedication and role played by Shri Sebin Sunny, the programme coordinator from the college for the successful completion of the programme.
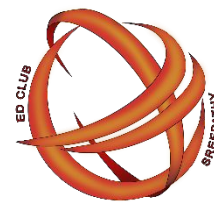
Yours Sincerely,

(G.S. PRAKASH)
Joint Director

Website: www.msmedithrissur.gov.in / E-Mail: dcdi-thrissur@dcmsme.gov.in EPABX: 0487-2360536, 2360686
Ph. & Fax: Director: 0487-2360216

November 2021

366/2021/KDISC/1   16th November 2021

Sub: Selection as K-DISC's partner institution under One District One Idea - MSME innovation clusters programme

Dear Sir,

Greetings from Kerala Development and Innovation Strategic Council!

We are delighted to inform you that your institution has been selected as one of K-DISC's partners for developing innovation action plans of cluster development under One District One Idea - MSME innovation clusters programme against the Expression of Interest (EoI) submitted.

Further to this development, K-DISC will issue proceedings on the programme and a meeting of the heads of institutions shall be organised in the last week of November 2021 for further discussions, and clarifications, if required.

The detailed steps to be followed by the institutions are provided below.

1. Signing the MoU within 10 days after issuing the order.
2. Entrusting principal coordinator/ faculty member for the training program.
3. Presentation before the District Innovation Council for allocation of cluster.
4. Taking up the activities and undertaking the clusters.
5. Submission of report.

We hope that this will bring clarity on next steps further to your selection as a partner institution.
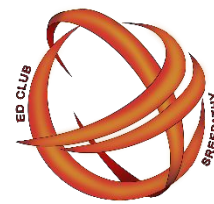
Yours sincerely

Dr. P. V. Unnikrishnan

Dr S P Subramanian
Sreepathy Institute of Management and
Technology, Vavanoor PO, Koottanad, Palakkad-
679533

3

KDISC ODOI Onboarding

Sreepathy Institute of Management And Technology has been selected as one of K-DISC's partners for developing innovation action plans of cluster development under One District One Idea – MSME innovation clusters programme against the Expression of Interest (EoI) submitted. A meeting was conducted by the KDISC officials to onboard all the selected institutes to the programme
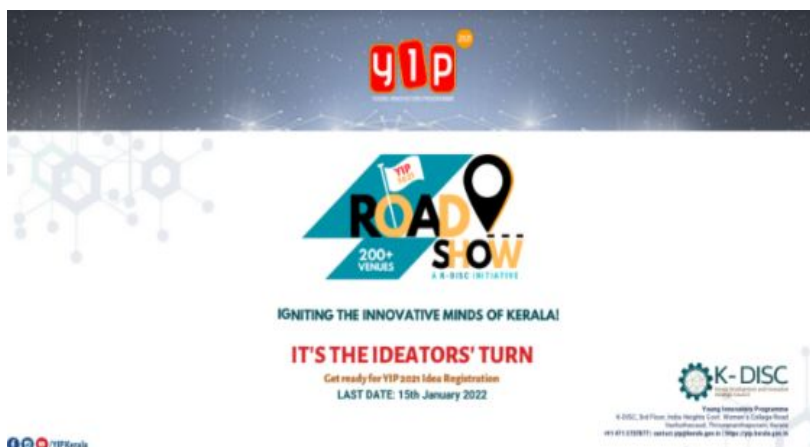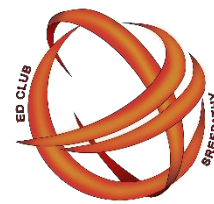
December 2021

1

Student Startup Schemes

A session to discuss on student startup schemes and funding opportunities & schemes provided by KSUM was jointly organized by IEDC and ISTE.

2

YIP 2021 Roadshow

A meeting was conducted by ICT Academy of Kerala to discuss and plan the YIP 2021 roadshow in colleges. Young Innovators Program is a specially designed program under Kerala Development and Innovation Strategic Council (K-DISC). The program aims to empower future innovators to innovate new products, services or models to meet emerging requirements, unarticulated needs, or existing market needs of the society more effectively through an innovative challenge.

December 2021

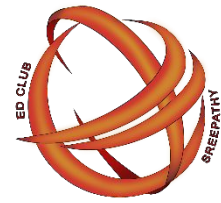**3** ## SALT Student Orientation

Kerala Startup Mission in collaboration with IEDCs conducted the Mentoring Session of Startup Awareness and Leadership Training (SALT) Program on at Trivandrum. Students were given hands-on experience of classrooms and handling sessions by tweaking the teaching pedagogy of regular schooling. The objective of the SALT Program is to ignite the entrepreneurial flavor among high school students.

4 ## YIP Facilitator Meeting

A meeting of all IEDC Coordinators and Institution Innovation Cell faculty members was conducted for discussing details and eliciting suggestions for YIP Program of K-DISC. The meeting was addressed by Dr. P.V Unnikrishnan, Member Secretary K-DISC
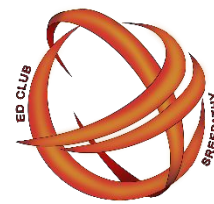
December 2021

5

Maker Lab Support –

- ❖ **PKV Library Kidangoor**

- ❖ **Quilon Public Library and Research Centre**

IEDC SIMAT organized a Meetup as a part of the come and code project supported by Vision RCL. IEDC – SIMAT visited PKV Kidangoor Library & Quilon Public Library & Research Center to check the facilities available in the library for the project and inspect the Raspberry Pi kits received
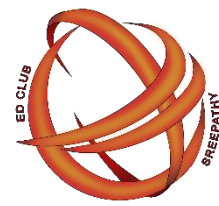
December 2021

6 ## Xilinx Project Grant

The idea submitted by Mr. Yesudas P Y, Hareesh R, Akhil Vinod & Mr. Sebin Sunny P to Adaptive Computing Challenge organized by Xilinx was selected for hardware support and project grant. To do further research on the proposed theme, Kria KV260 Vision AI Starter Kit worth INR 45,000/-was awarded to the team by Xilinx.

7 ## Tech Saksham FDP

The FDP was organized by IEDC - KSUM in association with ASAP, Microsoft, SAP via ASAP Teams. ASAP Kerala in association with Edunet Foundation is launching the Tech Saksham programme of Microsoft and SAP India as part of the activities of ASAP Cell network. It is a two tier programme in which courses in Artificial Intelligence, Cloud Computing and Digital/Web design are offered to the female students of pre final and final years in Arts and Science Colleges having NAAC B and below accreditation , pursuing courses related to IT/CS/Electronics and its allied branches.

December 2021
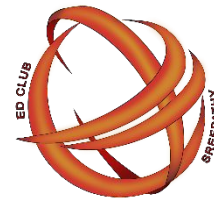
8 **3 day Workshop on PHP**

IEDC SIMAT & Clementia, the CSE Association , jointly organized a 3 day PHP workshop for S3 & S5 students

9 **IEDC Awareness Session**

An awareness session on Innovation & Entrepreneurship Development Center was conducted as a part of NSS 7 Days special camp.

January 2022

1 **ODOI – MSME Cluster innovation Project Mentor Development Program**

ODOI-MSME cluster Innovation Project Mentor Development Program was conducted on 04/01/2022 at Maker Village, Kerala Technology Innovation Zone, Kinfra Hi-Tech Park, Kalamassery, Ernakulam. Dr Saji Gopinadh (VC, DUK) inaugurated the event.Unnikrishnan P V (Member Secretary, KDISC) , was the key speaker for the session.
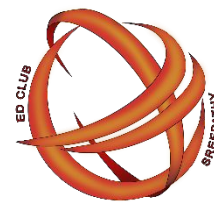

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Odupara Road, Nadaparambu, Karambathur, Parudur, Kerala
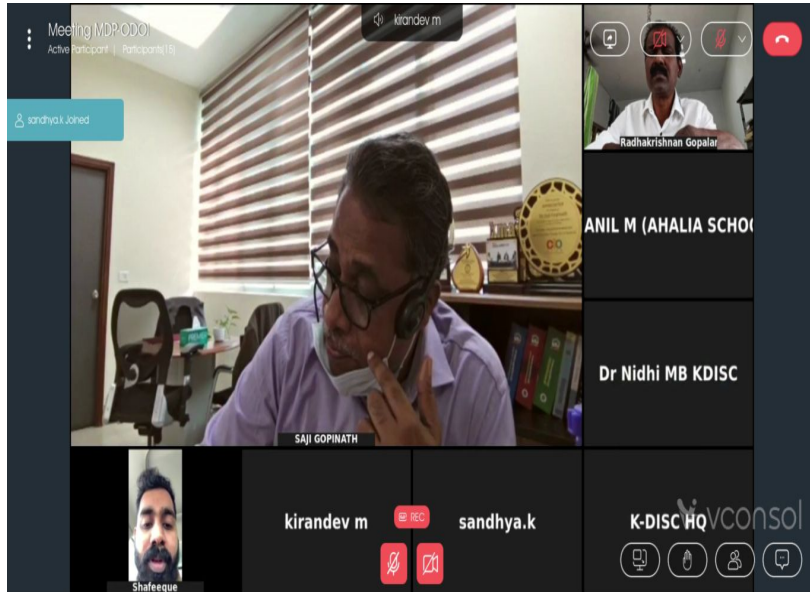679305, India
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Long 76.120416°
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2 **ATL Marathon Workshop**

Startup Awareness & Leadership Training Programme organized by IEDC SIMAT and KSUM was inaugurated at PHSS Pallipuram on 19th January 2022. Prameela(Faculty, GHSS) inaugurated the event. Mr. Sebin Sunny P (Nodal Officer, IEDC SIMAT) handled the session on ATL and SALT.

January 2022

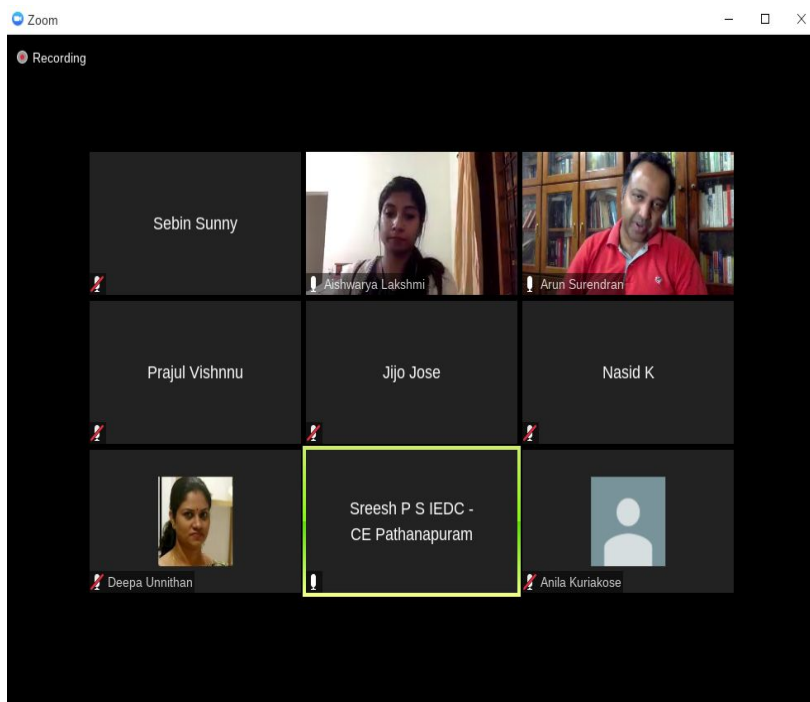**3** ## ODOI Project Implementation

A discussion session on One District One Idea Project implementation was conducted on 20th January 2022. The event was organized by KDISC. Unnikrishnan P V (Member Secretary, KDISC) welcomed the gathering. Dr Saji Gopinath (Vice Chancellor, DUK) inaugurated the event. He discussed the different clusters after the inauguration. Mr. Sebin Sunny P represented SIMAT in the programme.
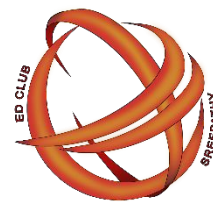

4 ## KSUM SALT Meet up

A meetup was organized by KSUM via GMeet to discuss the SALT programme organized in schools on 20th January 2022. Dr Arun (Trinity College) was the key speaker. Mr. Sebin Sunny P (Nodal Officer - IEDC) represented SIMAT in the meetup and presented about the SALT initiative in different schools of Palakkad district.
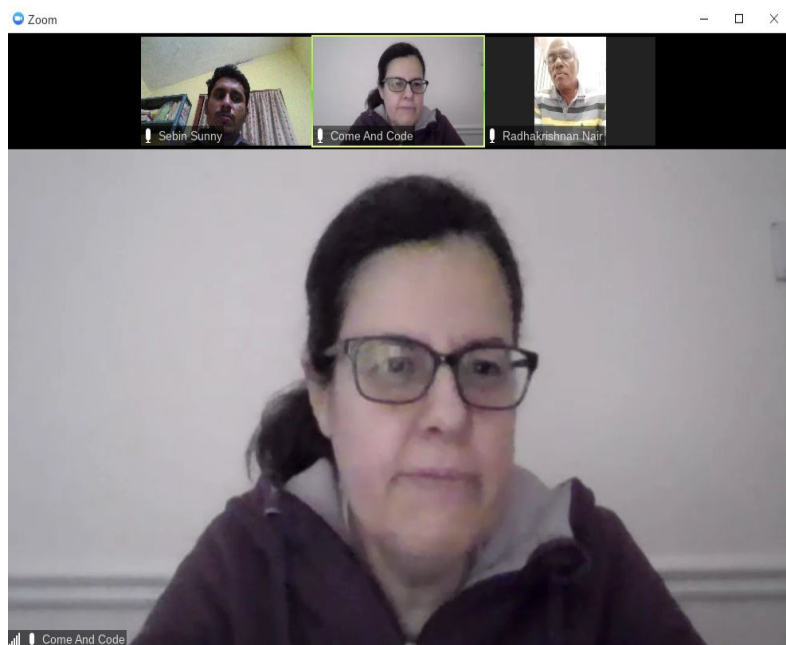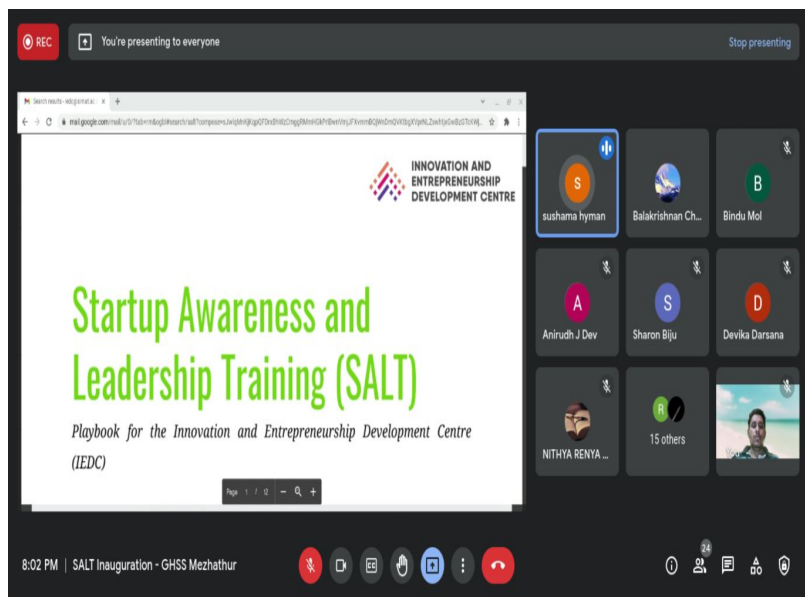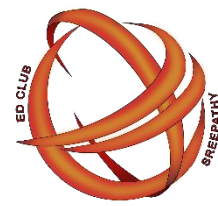
January 2022

5 SALT Iuaguration

IEDC SIMAT and KSUM organized a Startup Awareness & Leadership Training Programme at Govt. HSS Mezhathur via Gmeet on 20th January 2022. Sushma (Faculty, GHSS) delivered the welcome speech. Mr. Suresh (HM, GHSS) delivered the presidential address. Mr. Balakrishnan (Principal, GHSS) inaugurated the event. Mr. Sebin Sunny P (Nodal Officer, IEDC SIMAT) delivered the course structure. Mr. Anil (Physics Lecturer, GHSS) delivered the vote of thanks.

6 Come and Code Meeting

A meeting was organized between the hosts of Vision RCL Makerlab (UK), PKV Maker Lab (Kottayam) and IEDC Coderdojo on 21st January 2022 via Zoom. The meeting was organized to discuss the progress of Makerlabs in India. Dr Maria Raguera expressed her satisfactory remarks on the current progress made by the Makerlabs in India. Mr. Radhakrishnan Nair elaborated the current covid situations in India and UK and the possibilities to initiate the physical sessions..

January 2022

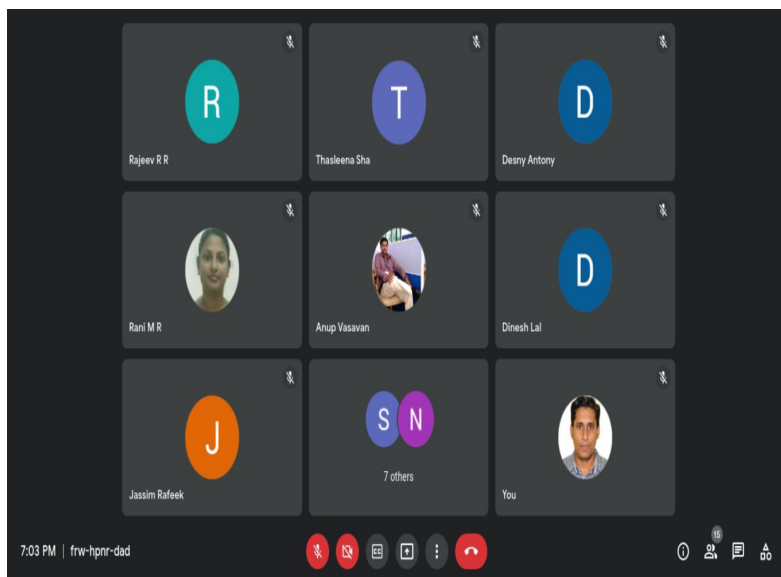## 7 Arduino Workshop and SALT Inauguration

Startup Awareness & Leadership Training Programme organized by IEDC SIMAT and KSUM at Sarvodayam VHSE was inaugurated on 21st January 2022. Mr. Ajay (Faculty, SVHSE) delivered the welcome speech. Mr. Sasi (Manager, SVHSE) inaugurated the event. Ms. Aiswarya Lakshmi (Coordinator, KSUM) delivered the Key note address. Mr. Sebin Sunny P (Nodal Officer, IEDC SIMAT) delivered the course structure. Dr Sagar M Narayanan (HoD, AS&H SIMAT) felicitated the event.
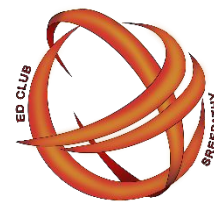
8 ICFOSS Co-ordinator's Meeting

ICFOSS cordinator's meeting was conducted on 22nd January 2022. Mr. Rajeev delivered the welcome address. Mr. Deepu gave an overview of different programs like yip, ulearn etc for students
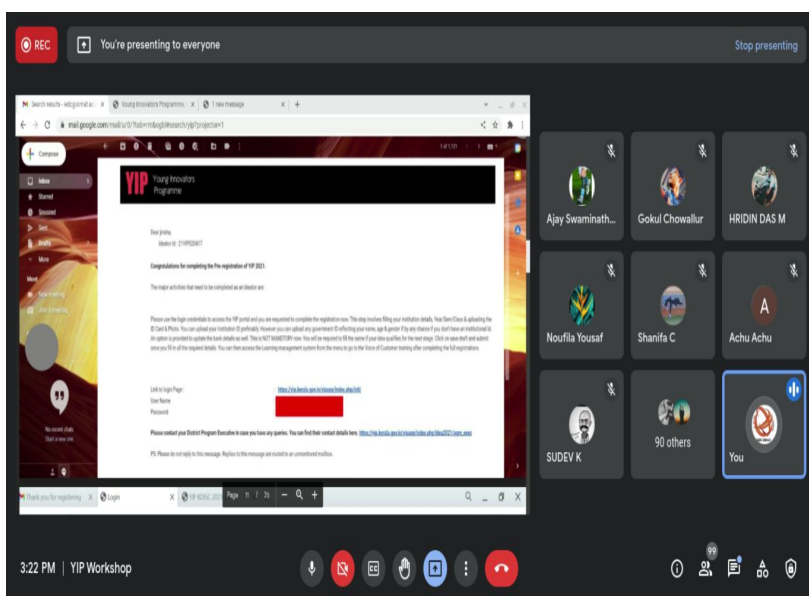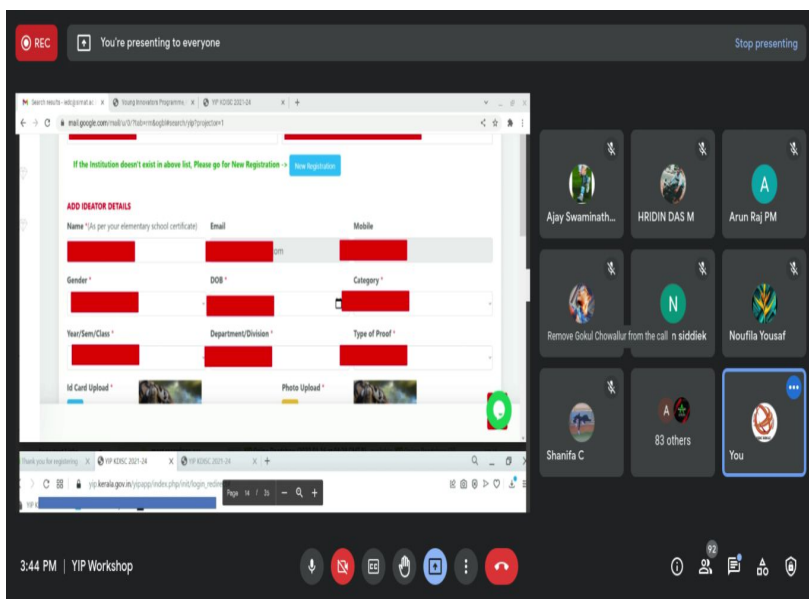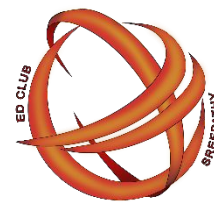
9

YIP Workshop

A workshop on Young Innovators Programme was conducted on 22nd January 2022. Young Innovators Programme is a specially designed programme under Kerala Development and Innovation Strategic Council (K-DISC). The programme aims to empower future innovators to innovate new products, services or models to meet emerging requirements, unarticulated needs, or existing market needs of the society more effectively through an innovative challenge.
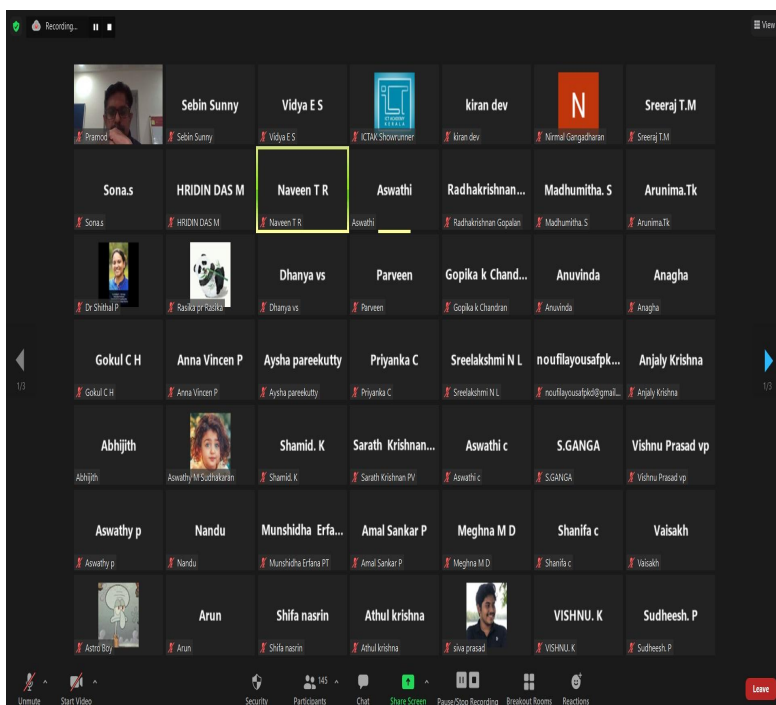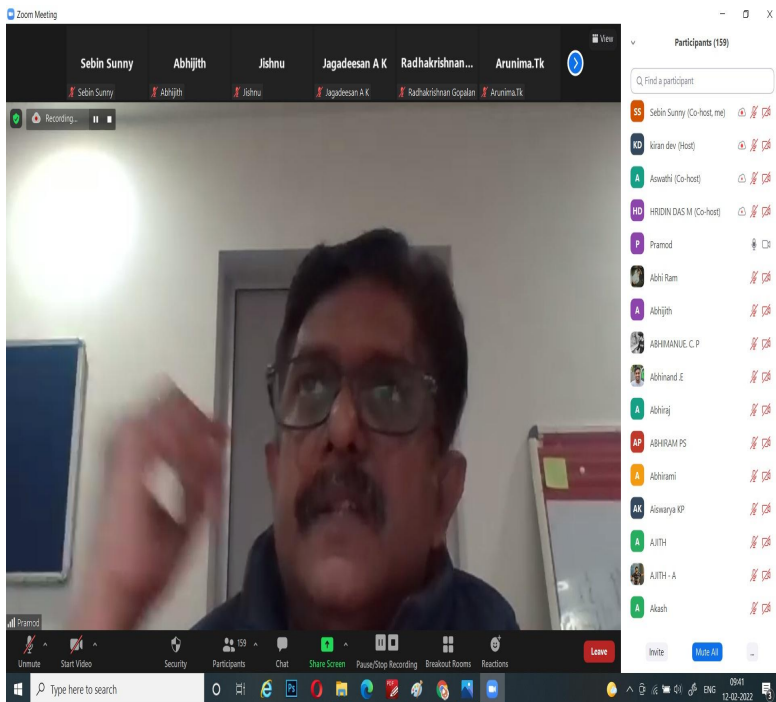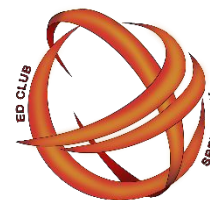
February 2022

1

Hack to the Future – Two days Hackathon

A two day hackathon was organized on 12th and 13th of February 2022 via KDISC Zoom. The event was organized by IEDC SIMAT in association with KDISC. Dr S.P. Subramanian (Principal, SIMAT) inaugurated the event. Mr. Pramod, Associate Professor VKCET, delivered the key note address. Mr. Kiran Dev, Programme Coordinator KDISC, felicitated the event. Mr. Sebin Sunny P (Nodal Officer IEDC) delivered the hackathon structure, rules and regulations.

180 students from several colleges participated in the hackathon. And the event was concluded on 13th February 2022 with the submission of innovative solutions by different teams. Mr. Hridindas (CEO, IEDC) coordinated the event.
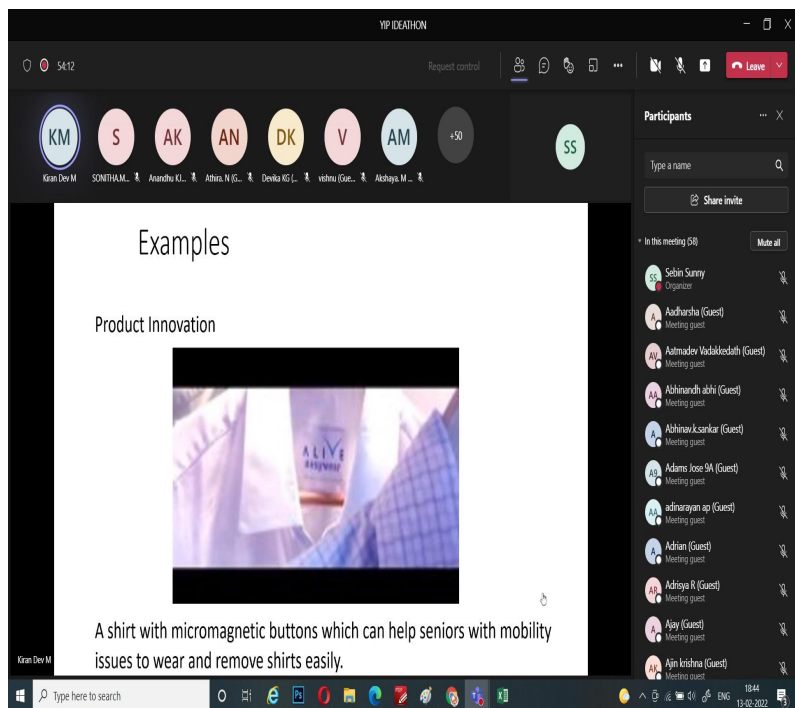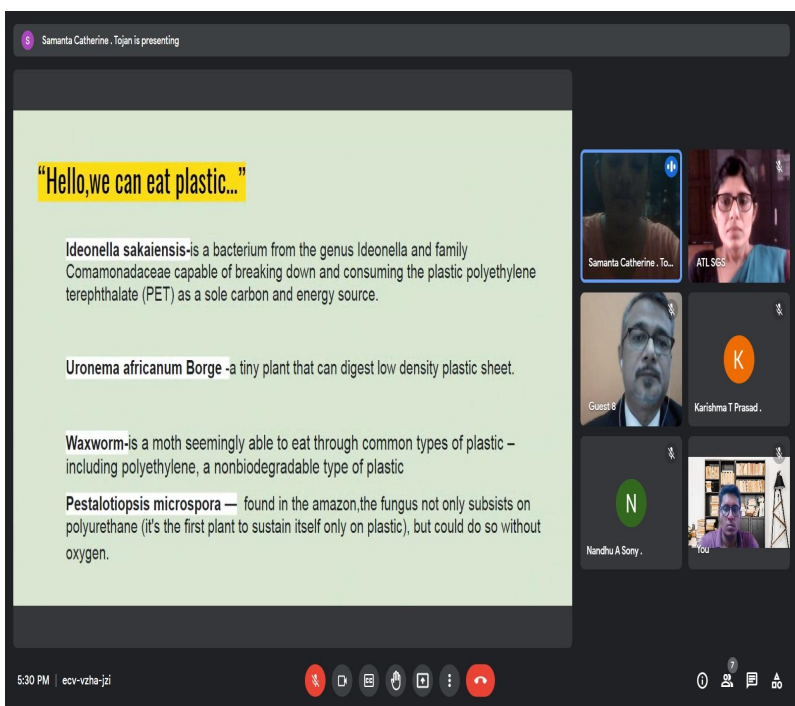
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February 2022

2 Ideathon

An Ideathon was jointly organized by IEDC SIMAT and KDISC on 13th February 2022. The event was conducted for HSS students of Palakkad district. The event was inaugurated by Kiran Dev (Programme Coordinator - KDISC). The workshop focused on idea generation based on the problem shelf published by KDISC. The session was handled by Mr. Kirandev and Sebin Sunny P. Anjali (IEDC member) welcomed the gathering and Noufila (IEDC member) delivered the vote of thanks.
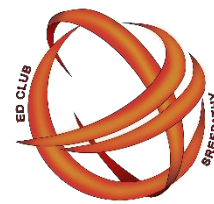

3 Tinkerfest

Tinkerfest, an idea presentation competition, was conducted on 19th February 2022 via Gmeet. The event was jointly organized by IEDC SIMAT and ATL lab for school students. Mr. Rajit Karunakaran (RMoC - Niti Aayog, Kerala) inaugurated the event. Several student teams presented their ideas in the event.
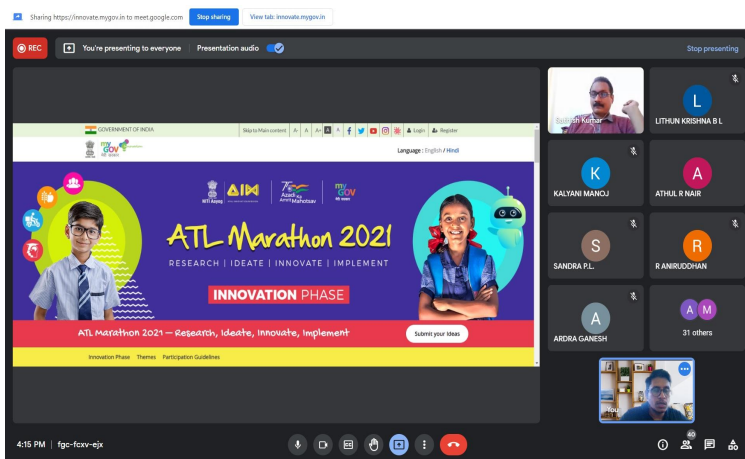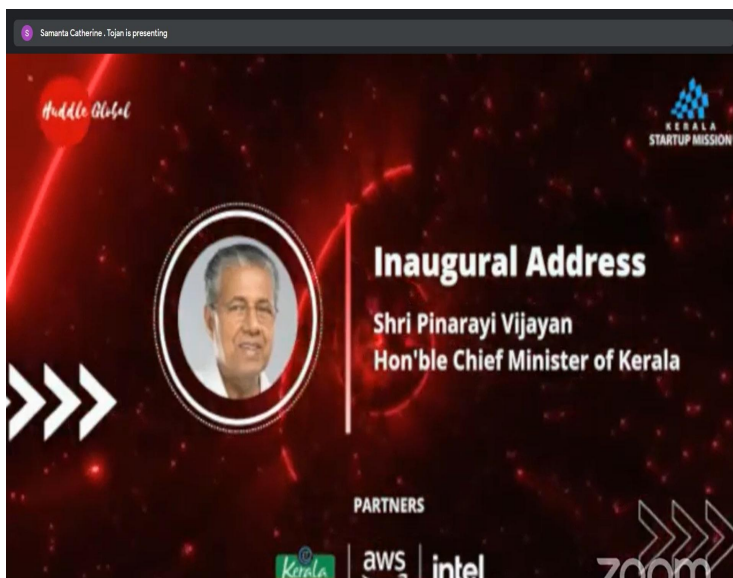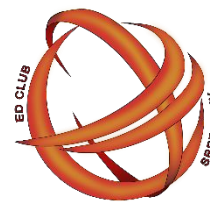
February 2022

4 **Huddle Global**

A two day event, Huddle Global, was organized by KSUM to promote startups among students and was conducted on 19/02/22 & 20/02/22. The event was inaugurated by Shri Pinarayi Vijayan. Pinarayi Vijayan , (Hon'ble Chief Minister Of Kerala Government Of Kerala), P. Rajeev (Industries, Law And Coir), GoK Alderman Vincent Keaveny (The Rt Hon The Lord Mayor City Of London), John M Thomas (Chief Executive Officer Kerala State IT Parks & Kerala Startup Mission), Daisy Chittilapilly (President Cisco India & SAARC) were the key speakers

5 **ATL Marathon Workshop**

An awareness workshop on ATL Marathon was jointly organized by IEDC SIMAT and Atal Innovation Mission on 27th February 2022 via GMeet. The session was inaugurated by Mr. Sateesh Kumar (ATL coordinator, Cochin Refineries School) .Mr. Sebin Sunny P (IEDC Nodal Officer - SIMAT) lead the session. Students from several schools attended the event.
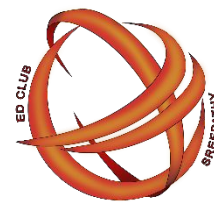
8 i-STEM

IEDC SIMAT became a member i-STEM in February 2022. The membership offers research facilities, COBOL & MATLAB licences. Indian Science, Technology and Engineering facilities Map (I-STEM) is a dynamic and interactive national portal, which hosts various scientific programs, initiated by office of the Principal Scientific Adviser, Govt. of India.

The main objective of having this portal (developed using public fund) is to provide support to needy researchers in different ways and strengthen the R&D ecosystem to fulfil the necessity of people of the country.

The supports planned through these programs through this unique portal are designed in such a way that every researcher inculcate the concept of the Aatma Nirbhar Bharat in their mind, nature, and behaviour and work with full dedication to optimize the usage of the resources established across the country, using taxpayer's money i.e. public fund.

6 KDISC Project Funding

As per EOI and MOU submitted by IEDC SIMAT, KDISC awarded the work on Action plan preparation on the identified MSME clusters.

In continuation with mentor development programs and review on potential clusters identified for detailed study and diagnostic report preparation by IEDC, KDISC sanctioned the funding proposal submitted by IEDC SIMAT

7 Keri Project Funding

A project grant to set up a real time reservoir level monitoring system was sanctioned by Kerala Engineering Research Institute - Thrissur. As a part of the programme a group of 5 students will be identified and provided with a one week internship to study and design the Realtime monitoring system at Peechi.
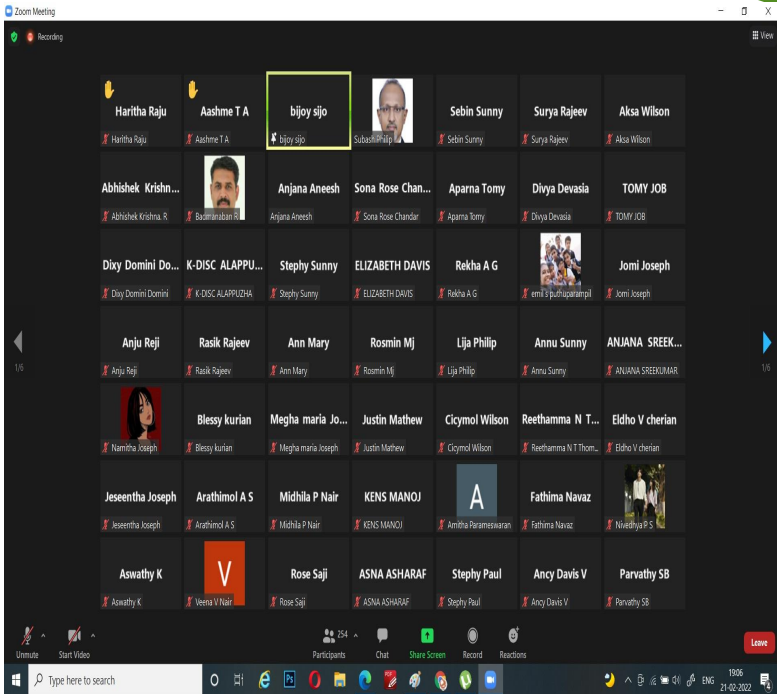Mr. Sudev E. (S5 EEE) coordinated the event

February 2022

9 ## Idea Marathon

A three day Idea Marathon was organized for students to create awareness and motivation to identify realistic ideas which can be submitted to the YIP programme organized by KDISC. The event was organized by IEDC SIMAT in association with KDISC on 21st February 2022.
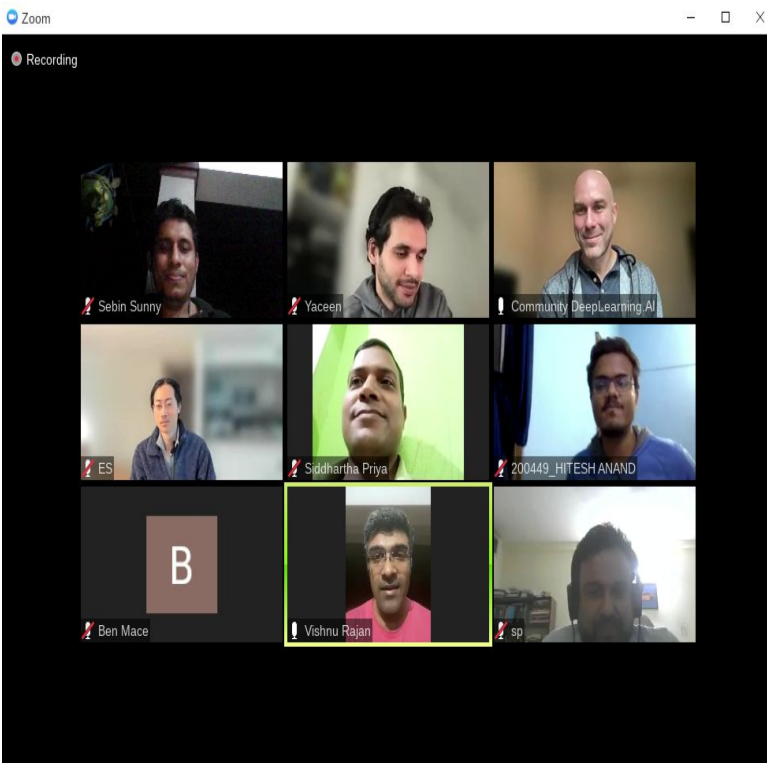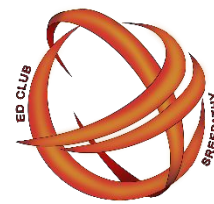
10 ## Deep learning.ai Community

A preliminary meeting with community leaders across the globe was conducted on 24th February 2022 via Webex. The objective of the programme was to initiate a deeplearning.ai community in India.

DeepLearning.AI is an education technology company that is empowering the global workforce to build an AI-powered future through world-class education, hands-on training, and a collaborative community.

DeepLearning.AI was founded in 2017 by machine learning and education pioneer Andrew Ng to fill a need for world-class AI education.
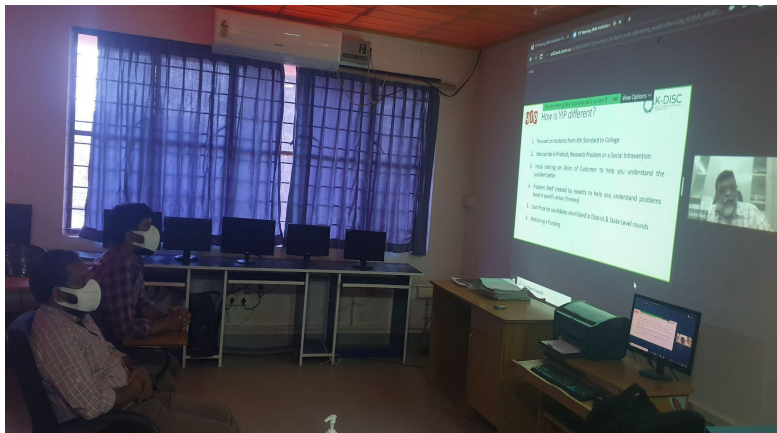
IEDC - SIMAT

11 KDISC HoI & Facilitator Meeting

A meeting was organized by KDISC for the facilitators and HoIs of HEIs of Kerala via Zoom. The event was organized to appreciate the efforts taken by colleges in promotion of YIP. As per the data provided, SIMAT ranked 2 in the YIP idea submission.

12 Bamboo Cluster Explosure Visit

K-DISC through its district arms the District Innovation Councils (DICs) have initiated the One District One Idea – MSME Innovation Clusters programme (ODOI).

As a part of the initiative SIMAT & Govt College, Chittoor, were identified to study the Bamboo cluster of Palakkad District. The bamboo cluster is spread over different places in Palakkad district and consists of more than 250 small units. Bamboo cluster members are primarily skilled artisans engaged in making bamboo related eco-friendly products, handicrafts and utility items.
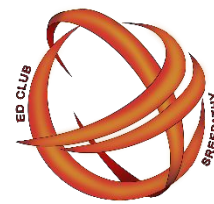
13

Vellinezhi Kalagraman Cluster Exposure Visit

K-DISC through its district arms the District Innovation Councils (DICs) have initiated the One District One Idea – MSME Innovation Clusters programme (ODOI). As a part of the initiative SIMAT & Govt Victoria College, Palakkad, were identified to study the Vellinezhi kalagramam cluster of Palakkad District. As a preliminary study, an exposure visit was conducted to Vellinezhi on 28th February 2022. Snadhya (Asst. Prof Govt. Victoria College), Kamarulitha (Govt. Victoria College), Mr. Sebin Sunny P (Asst. Prof SIMAT), Mr. Krishnan K N (Asst. Prof SIMAT) and Mr. Sukumaran (Library Assistant SIMAT)were the members of the team.

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1

Nodal Officer's Night

Nodal Officer's night was organized as a part of IEDC summit 2021 on 4th March 2022 by KSUM. The event was inaugurated by Mr. Riyas (Project Director, KSUM). Sherin Sam (Nodal Officer, Amal Jyothi) was the key speaker for the event.

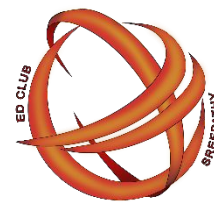Mr. Sebin Sunny P, nodal officer - IEDC SIMAT, attended the event.

2

IEDC SUMMIT 2021

IEDC Summit 2021 was organized by St Josephs Palai on 5th March 2022. 11 students and nodal officer from IEDC SIMAT attended the event.

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3

TBI Recognition

Kerala Startup Mission Recognizes the Innovation and Entrepreneurship Development Center (IEDC) in SREEPATHY INSTITUTE OF MANAGEMENT AND TECHNOLOGY, Palakkad As a Technology Business Incubator (TBI) on 5th march 2022
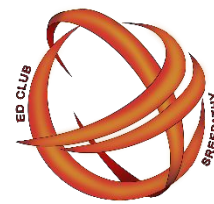
4

One Day Ideation Workshop

A one day workshop on ideation was organized for first year students on 8th March. The event was organized as a part of YIP 2021. The session was handled by Mr Sebin Sunny P. Students were given awareness on idea submission in YIP and idea generation process.

March 2022

5

Realtime Reservoir Monitoring System Field Test

A project entitled, Realtime Reservoir Monitoring, was developed by students of EEE to monitor the water level of Peechi dam. The project was supported by Kerala Engineering ResearchInstitute.The initial prototype was handed over to the Director of KERI for field testing on 8th March 2022.
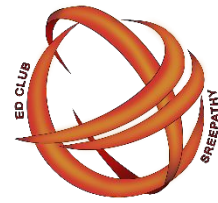
Students were given an opportunity to visit the dam and to study the canal system under the Peechi irrigation project.

6

Annual Investor's Meet

Annual Investors Meet was organized as a part of Dubai Expo 2020 from 29th to 31st March 2022. The event was organized by Ministry of Economy, UAE. Mr. Sebin Sunny P represented TBI SIMAT in the event and pitched 12 technologies to different stake holders.
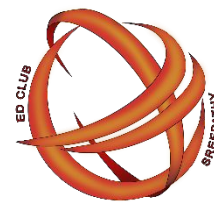
7

Management Development Programme

A four day Management Development Programme (MDP) was organized by Kerala Startup Mission in association with Indian Institute of Management - Kozhikode (IIM - K) from 21-24 March 2022. Prof. Joffi Thomas, IIM K Live Director inaugurated the Programme.
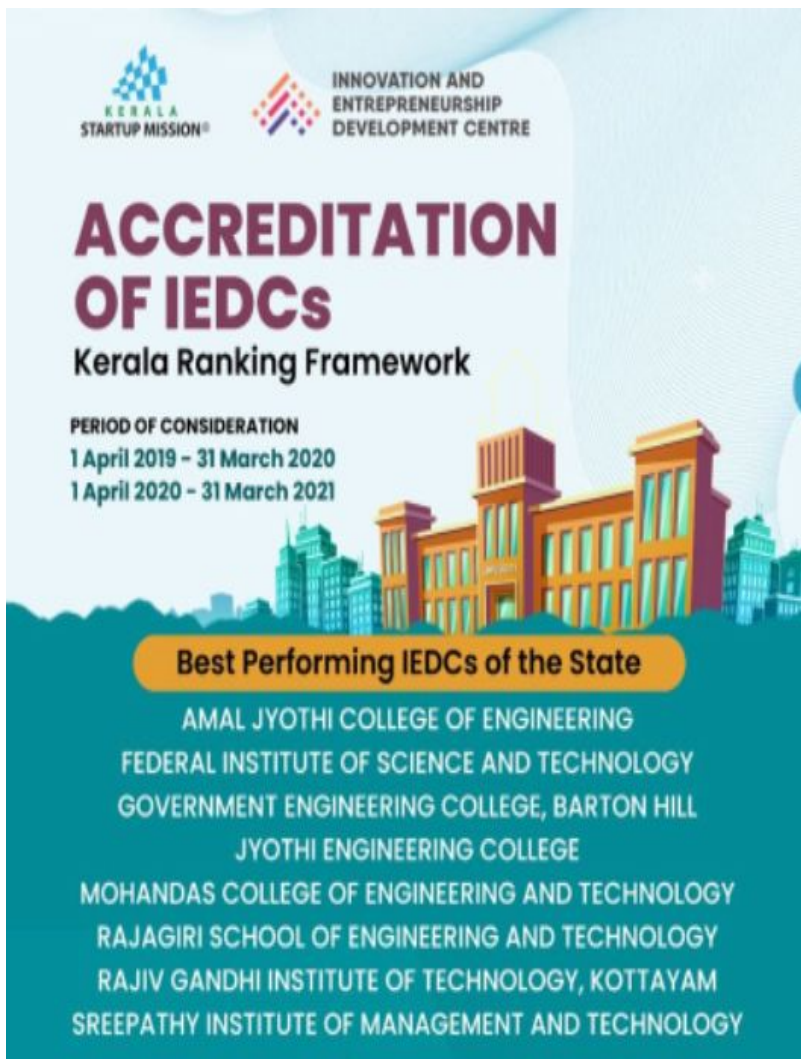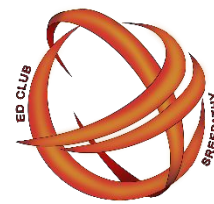
1

Top Performing IEDC Award

The programmes and activities organized under the Innovation and Entrepreneurship Development Centres (IEDCs) have laid a robust foundation for the Kerala Startup Ecosystem. KSUM announced the results of the Accreditation of IEDCs in Colleges - Kerala Ranking Framework for the Period 1 April 2019 - 31 March 2021 in the third week of April.

KSUM have considered various factors while evaluating how the IEDC has evolved/doing activities/actions in promoting the entrepreneurship ecosystem.

IEDC SIMAT was selected as one among the 8 iedc's as the top performing IEDC in the state of Kerala. An amount of Rs 1 Lakh was awarded for the achievement.

April 2022

2 ## Hack to the Future

Finastra in association with KTU selected few KTU faculty members as Judges and Mentors along with Industry Leaders for the Hack To the Future International Hacakthon 2022 on 10/04/22. The event was inaugurated by Arun Alex (KTU, IAC Cell).
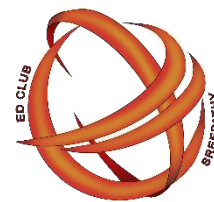

3 ## Dharsana- Ignite 2022

Darsana conducted its annual innovation and entrepreneurship competition, IGNITE 2022 in association with KTU on 14/04/22. The program aims to identify innovators and entrepreneurs from our campuses, provide them recognition and support to nurture their project into an enterprise. The event duration was about 5 months starting from the registration to the awards, which was organized during Dec - March 2022.

April 2022

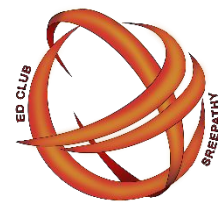**4** **Come and Code - Workshop**

Fourth cohort of Come and code India was started on 22nd April 2022. The event was jointly organized by IEDC SIMAT, PKV Vanitha Library, Quilon Public Library and Vision Redbridge Central Library, UK. The event started with a welcome address by Ms Jyothi (Senior Librarian, PKV) and was inaugurated by Dr Maria Reguera (Vision RCL, UK). The workshop content was introduced by Mr. Sebin Sunny P (IEDC SIMAT Nodal Officer). The workshop introduction was followed by a session in Python by the mentors of Come and Code.

5 **Raspberry Pi Growth Partner**

A meeting was coordinated by IEDC SIMAT between Mr. Riyas (Project Director, KSUM), Mr. Anhuj Alphonz (Country Director, Raspberry Pi Foundation) and Divya Joseph (National Programme Manager, Raspberry Pi Foundation) in the last week of April 2022 (21/04/2022) . The objectives of the meeting included selecting IEDC SIMAT as the growth partner, implementing the SALT (Startup Aewareness and Leadership Training) in ATL based schools,

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1 Top Performming IEDC Award

IEDC SIMAT was selected as one among the 8 iedc's as the top performing IEDC in the state of Kerala.Mr. Sebin Sunny P received the top performing IEDC award from Prof Bindhu, Higher Education minister, on 19th June 2022. KSUM have considered various factors while evaluating how the IEDC has evolved/doing activities/actions in promoting the entrepreneurship ecosystem. It includes; Evangelisation of Entrepreneurship, Promotion of Innovation, Supporting Incubation and Business Development, Alignment with Institutional Mechanisms, and Strengthening of the Ecosystem.

2 Flutter Workshop

IEEE SB SIMAT conducted a workshop on 'FLUTTER' in association with IEDC SIMAT and ReverTech on 25th June 2022 at the college campus. The workshop began at 9.30 am with around 65 participants including IEEE & IEDC members. The workshop gave the participants an idea of the basic concepts of flutter software. It was an informative session and participants gave their positive feedback.

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Thank you