IETE CHEN LINK

Vol. 1, No.1 June 2021

From Chairman's Desk

Dear Members,

It is my great pleasure to extend heartfelt greetings to the readers of the first issue of the Newsletter of IETE Chennai Centre. I am humbled and honored to mention that the Newsletter will be published starting from this small beginning. Chenlink Newsletter is aimed to showcase the activities of Chennai Centre and achievements of its members during every month.

Life continues to be challenging and most of the activity is yet performed online due to COVID-19 pandemic. In this current scenario, both as a matter of personal safety and because of Govt. regulations, all of us would be staying at home. During this time, the IETE community has come together on online mode hosted several technical events, Online Hackathons, FDPs, Conferences etc. for the benefit of all professional members. I would like to convey my deep appreciation to members of the Executive Committee for their contributions. I am sure the coming days shall bring new opportunities and hopes for all of us.

I welcome suggestions to enable us to enhance the activities of the Chennai center collectively.

Stay healthy and stay safe!

Warm regards,

N.Venkateswaran
Chairman, IETE Chennai Centre

From Editor's Desk

Dear Members,

I'd like to express my gratitude to IETE Chennai Centre Chairman Dr. N.Venkateswaran and Executive Committee members for providing me with the opportunity to support the IETE Chennai Link newsletter editorial team.

I am pleased to present the first issue of IETE CHENLINK, the IETE Chennai Centre's newsletter. We request all ISF Coordinators and other reporting officers to promptly report the events conducted. The guidelines for reporting the newsletter is given at the end of this issue. We respectfully suggest all to follow the guidelines for timely publication of the Newsletter.

Despite the current pandemic situation and changes in office operation modalities, it is encouraging to see ISF's excitement and interest in organising events for the benefit of their members. Thanks to the technology and Internet ease which makes things happen. Most activities are happening online as virtual in digital platform. I wish everyone to elevate your skill and use the available resources to is best.

I welcome suggestions to enable us to enhance the quality of Newsletter of the Chennai center.

Stay safe. Keep yourself updated.

Warm regards,

M. ARUN
Editor, IETE Chen Link Newsletter

Best Wishes to the President Elect, Prof. (Wg Cdr) Pradeep Prabhakar

Prof. (Wg Cdr) Pradeep Prabhakar is a Distinguished Air-Force veteran of tall stature, a top performer in Telecommunication, Multi-Media, Cyber Security, IoT, AI/ML/DL with a blend of 47 years of long Academic and Professional carrier. He has a vast administrative experience and proven leadership role in the Air Force, multiple Academic Institutions and in Technical Organizations. He has an Innovation synergized vision for the promotion of scientific temperament in the society with a blend of modern Technological aspirations in Research & Development (R&D) of various products & processes, practical skills enhancements in Basic & Higher Technical Education Systems. Wg Cdr Pradeep Prabhakar got elected as the President of top non- profit organization, Institution of Electronics and Telecommunications Engineers (IETE). We, all wish him an outstanding innings to further take IETE to newer heights. Hearty congratulations to him on his IETE Presidential endeavors and persuits.

IETE Chennai Center & Joint ISF Activities

ISF- Sri Venkateswara College of Engineering, SRM Institute of Science and Technology, Vadapalani Campus, Panimalar Institute of Technology, Easwari Engineering College, Jeppiaar Institute of Technology & Vel Tech Multi Tech Dr. SR Dr. RR Engineering College, Chennai

Webinar on Enterprise & Consumer Use Cases for Spatial Computing

IETE Chennai Center & ISF- organized a Webinar on "Enterprise & Consumer Use Cases for Spatial Computing" by Shri. Thirukumaran Saravanan,Co-Founder & COO,XR Labs, Chennai on 8 Jan 2021 on 5.00 to 6.00 pm.
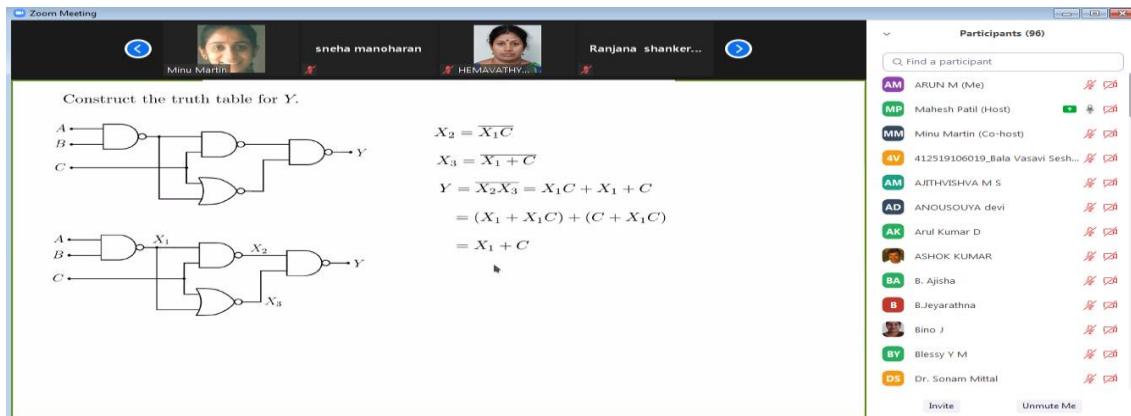
"IETE Student's Day"

The IETE Student's Day was organized by IETE Chennai Centre. The event was hosted by IETE student forum of Sri Venkateswara College of Engineering, Sriperumbudur. The Student's Day celebration was held for three days from 30 Jan 2021 to 01 Feb 2021. Two inter-college events namely, Tech Abstraction and Tales from the Tech World were held on 30 Jan 2021 (Saturday). An inter-college workshop on Image Processing with OpenCV and Python was held on 31 Jan 2021 (Sunday). 85+ students participated in the events. A seminar on "Electromagnetic Interference and Compatibility Issues and the Measurements in Anechoic Chamber" was delivered by Dr. M.Murugan, Vice Principal, SRM Valliammai Engineering College. Felicitation and awards were given to the prize winners of various IETE events by IETE Chennai centre on 01 Feb 2021.
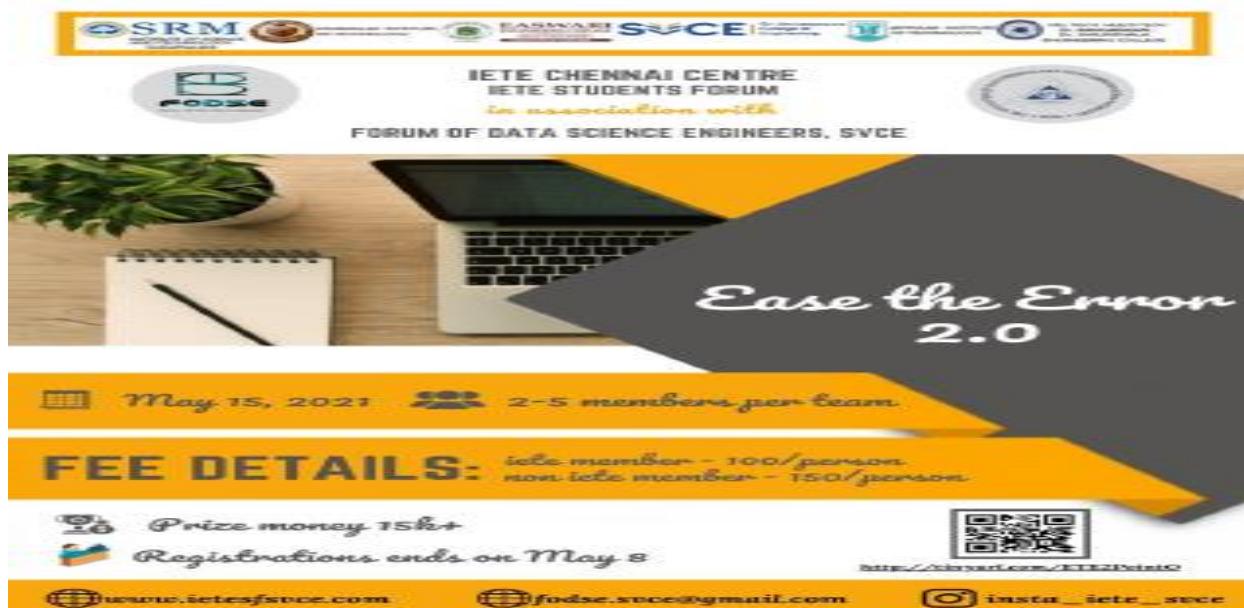
"Workshop on SEQUEL APP"

IETE Chennai center & PIT ISF organized a Workshop on SEQUEL APP by Dr. M.B. PATIL, Department of Electrical Engineering, IIT Bombay on 6 Feb 2021. The speaker initiated the workshop by giving a brief introduction about Sequel app and how the app helps the teachers to teach Electronics related subjects through online. He explained about the working and how to use the app. Dr. Patil covered the examples of Network theorems and Digital circuits. He also listed the topics currently covered in this app that is Network theorems, Diode circuits, Common-Emitter Amplifier, Op-amp Linear circuits, Schmitt Trigger, Oscillator based on Schmitt Trigger and digital circuits.

"Ease The Error 2.0- Hackathon"
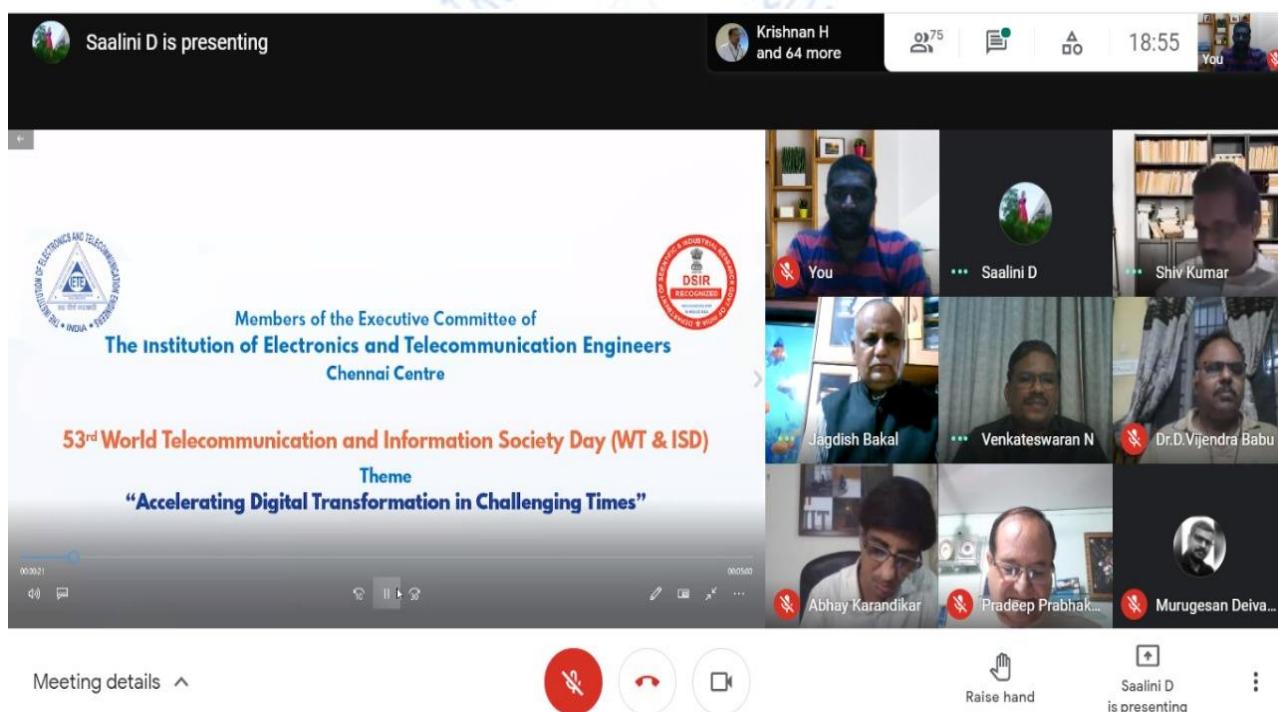
The Hackathon was organized by SVCE-ISF and Forum of Data Science Engineers (FODSE) SVCE during 15 May to 16 May 2021. Ease The Error 2.0 was 24 Hour national level hackathon which challenged students to offer innovative ideas to build smart applications which will help address major real time problems in our country. The Mentors of Forum of Data Science Engineers played an important role in assigning problem statements played an important role in assigning problem statements related to the innovative engineering domains such smart communication and vehicles, health care, rural development, Robotics, Cyber Security,IoT, pandemic safety, disease awareness and AI/ML/DL for human development.The hackathon consisted of two rounds of judging. The first round of judging began at 6:00 PM on 15 May 2021. The winners were awarded with cash prize Rs.5000/- for the first place, Rs.3000/- and Rs.2000/- for second and third place, respectively. The winners of Best UI/UX and Novelty were awarded with Rs1000/- each. Special prizes such as Budding innovators was awarded with Rs1000/-.

"53rd World Telecommunication and Information Society Day (WT & ISD)"

IETE Chennai Centre celebrated 53rd World Telecommunication Day and Information Society Day. The theme of the event was "Accelerating Digital Transformation in Challenging Times" and the keynote speaker was Prof. Abhay Karandikar, Director Indian Institute of Technology, Kanpur. The event was held on 17/05/2021 from 06:00 PM to 07:00 PM (Monday). 75+ participants actively participated in the session. Ms.T.J.Jeyaprabha, Honorary Treasurer, IETE Chennai Centre delivered the welcome address and recited a message on behalf of Dr.J.W.Bakal, IETE President. Dr.N.Venkateswaran, Chairman, IETE Chennai center welcomed the participants and gave a brief note on the World Telecommunication and Information Society Day and recited a message on behalf of Mr.Houlin Zhao, ITU Secretary-General. Dr.Tata Sudhakar, Group Head, Ocean Electronics Group,NIOT introduced the Chief Guest. The event was anchored by Ms.D.Saalini, Executive member IETE-SF SVCE.

Prof.Abhay Karandikar spoke about the importance of digital transformation and the impact of COVID in the field of technology. He discussed about the digital technology in the country and briefed us with the faster and efficient process of digital communication. He also explained about the cyber security preparedness in this situation. He spoke about the COVID-19 pandemic, the role of information and communication technologies (ICTs) which played an important role in the continued functioning of societies and minimizing inequalities between and within countries. The speaker also detailed with the need for acceleration of digital technology and pointed out the advantages of it. The session concluded with a Vote of Thanks by Mr.K.H.Shakthi Murugan, Honorary Secretary, IETE Chennai Centre.

Crescent Institute of Science Technology, Chennai.

"Webinar on Online Certificate Course on LABVIEW Associate Developer (CLAD)"

ISF at ECE Dept. organized a Webinar on "Online Certificate Course on Labview Associate Developer (CLAD)" during 01 to 15 Feb 2021 in association with Optithought & IE. The training program was felicitated by Dr.Najumnissa Jamal Dean/SECS, and the welcome address was delivered by Dr.C.Tharini HOD/ECE, and the highlight about NI LabVIEW Academy was delivered by Chief Guest Mr.E. Muralikrishnan Director, Optithought.

"Training on Full custom and Semi custom design flow in VLSI using cadence tools"

ECE dept. & IETE ISF organized online training on Full custom and Semi custom design flow in VLSI using cadence tools on 29 Apr 2021 and 30 Apr 2021 in collaboration with Entuple technologies, Bangalore. Topics covered includes Cadence Design Flow,Overview of features & new tools,Functional Verification flow using Incisive,RTL Synthesis & DFT flow using Genus,etc., Mr.Naveen Shankar, Application Engineer, Entuple Technlogies Bangalore handled the two days training session. 50 participants attended.

"Symposium"

Spectron 2K21 was a virtual symposium, conducted on 9 Apr 2021. The Chief guest of the ocassion was Mr. Afaaq Imran, Specialist Radio Access Network, Ericsson India Global Services LTD, Chennai in the presence of Dr. D. Najumnissa Jamal, Dean, SECS, Dr. S. KajaMohideen, Senior Professor and Director (PG admissions), Dr. C. Tharini, HOD,ECE. More than 250 participants from 30+ colleges had registered for the symposium. Symposium involved a total of 8 events. Chiefguest released the videos for Souvenir and E magazine edition 2 & gave a lecture on the topic, Advancement in 5G technology.
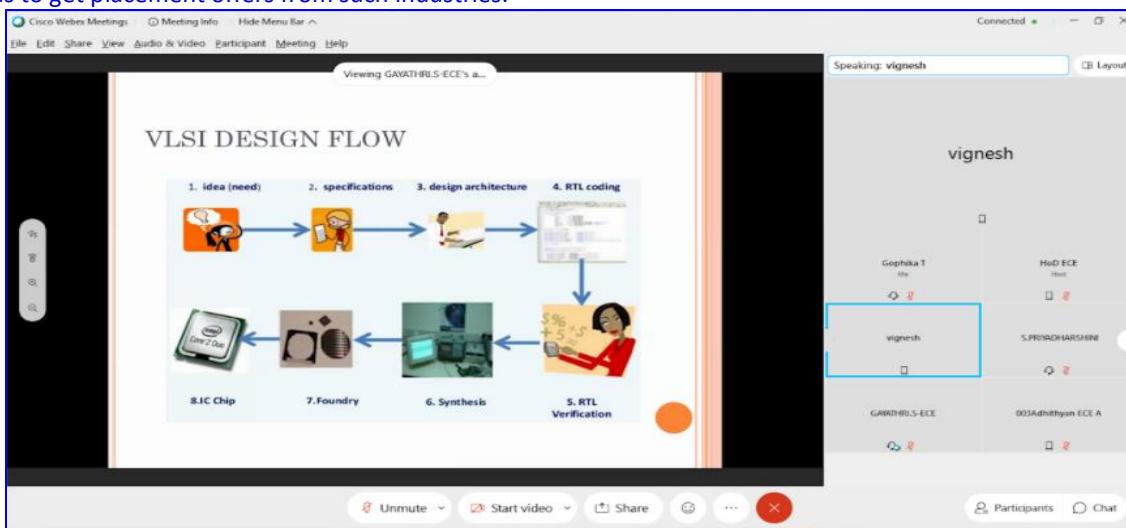

Reported by: Mrs. S.Anusooya, anusooya@crescent.education

Easwari Engineering College, Chennai

"Webinar on Effective Framework to bridge the gap in VLSI Design"

ISF, ECE department organized a webinar on Effective Framework to bridge the gap in VLSI Design on 20 Feb 2021 from 11 am to 12 noon. The guest speaker of the session is Mr.C.G.Vignesh, Sr.Engineer – I from Microchip Technology. Mr.C.G.Vignesh, briefed about the importance of VLSI design flow, ASIC and FPGA design,EDA tools used along with expectations from VLSI design industry.Protocols involved in design also plays a very important role and every process plays a very important role in designing a product.   Mr.C.G.Vignesh, being an alumni of our College discussed with students regarding the importance of VLSI design tools and how everyone need to focus to get placement offers from such industries.
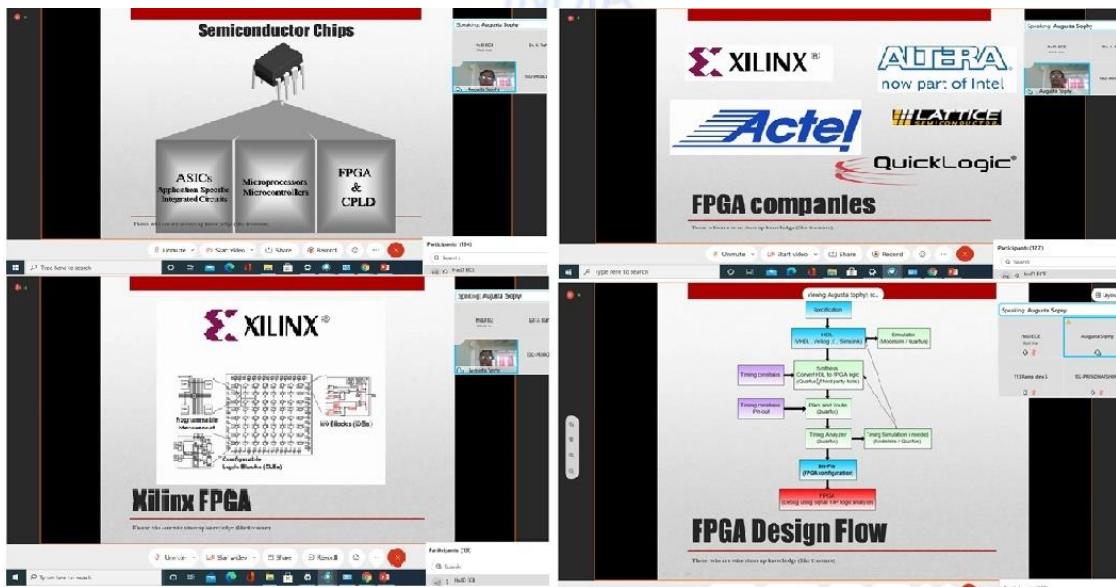
"Career Guidance Programme"

ISF, ECE organized a career guidance program "Route towards Right Career", for 11th and 12th standard students of Good Shepherd Higher Secondary School,Valasaravakkam, Chennai, on 18.03.2021 between 12.30 pm to 2.00 pm. Dr.Alphonse,Principal of Good Shepherd Higher Secondary School gave special address. Dr. D.Jessintha ,Associate Professor ,welcomed the gathering with a brief introduction about the speaker Mr.M.Kirankumar. Students had a very interactive and thought provoking session. The students were eager to know different graduate courses available to enlighten their career. Nearly 70 students participated.

"Webinar on Innovative Design Trends in VLSI"

ISF, ECE Dept. organized a webinar on the topic Innovative Design Trends in VLSI by Dr. Augusta Sophy Beulet, Associate Professor Sr/ SENSE, VIT Chennai Campus on 10 Mar 2021. More than 130 participants were in the meet and gained knowledge in the VLSI design flow including FPGA and ASIC flow. Dr. Augusta Sophy also motivated our students with possible job opportunities in industries like Xilinx, Altera, Lattice etc., She discussed about the digital circuit design, implementation and synthesis. Both frontend & backend were demonstrated using Xilinx and CADENCE software. Students were interactive and were curious to know about various VLSI projects and scope in industries.

"International Conference"

ECE dept. in association with ISF organized an International Conference on Multi-Disciplinary Innovations in Computing and Communication (Virtual Mode) ICMICC'21 on 19 and 20 Apr 2021.The Presidential address was delivered by Dr.R.S.Kumar,Principal.The Management Representative felicitated the gathering by sharing the importance of communication in this pandemic era.Chief Guest of the day, Dr. Mia Torres Dela Cruz delivered the Inaugural Address.Dr.Korhan Cengiz, the Guest of Honour,delivered the special Address by giving an Introduction to Novel Wireless Sensor Networks Technologies with emphasis on different routing protocols for efficient management.Then the Conference proceedings was released. Key note speech was given by Dr.Tata Sudhakar, Group Head Ocean Electronics, Scientist G, National Institute of Ocean Technology, Chennai. Dr.Sonali Agarwal, Associate Professor, IIIT Allahabad, Dr.Soumi Dutta, Institute of Engineering & Management (IEM),Kolkatta.

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Hindustan Institute of Technology and Science, Padur, Chennai

"International Women's Day celebration"
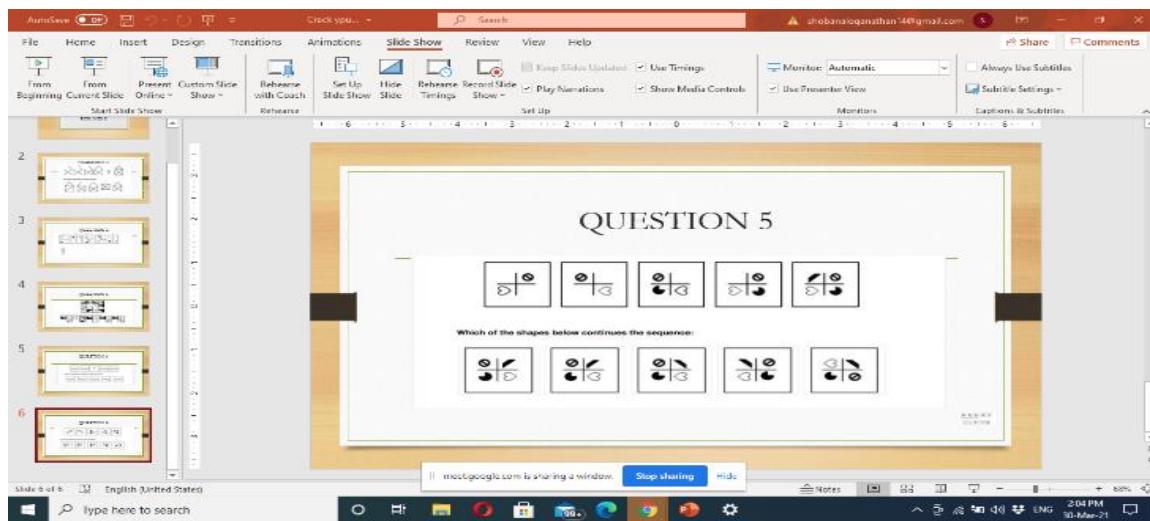
IETE Chennai Centre & ISF at ECE Dept. organized a International Women's Day celebration Chief Guest Dr. G. Natchiar, Director- Emeritus, Aravind Eye care system, Aravind Eye Hospital, Madurai on 12 Mar 2021 (3.30 pm)

Jeppiaar Institute of Technology, Sriperumbudur.
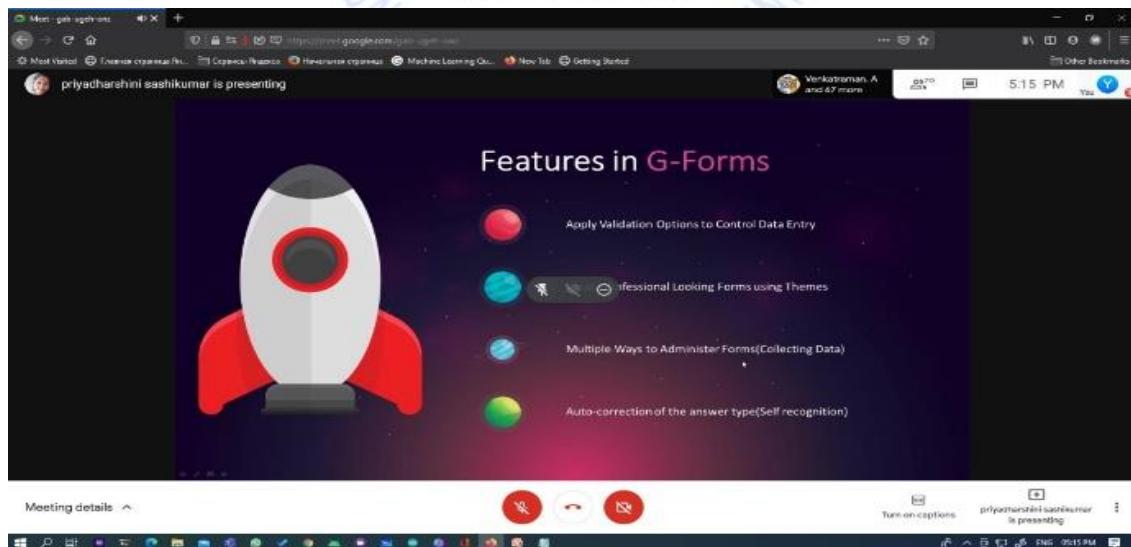
"Crack Your Mind"

ISF organized Crack Your Mind contest on 30 Mar 2021 at 02-03 PM. Event conducted for the students to test their IQ and had 2 phases. 30 participants attended. The questions test participants IQ and most of the students answered correctly.
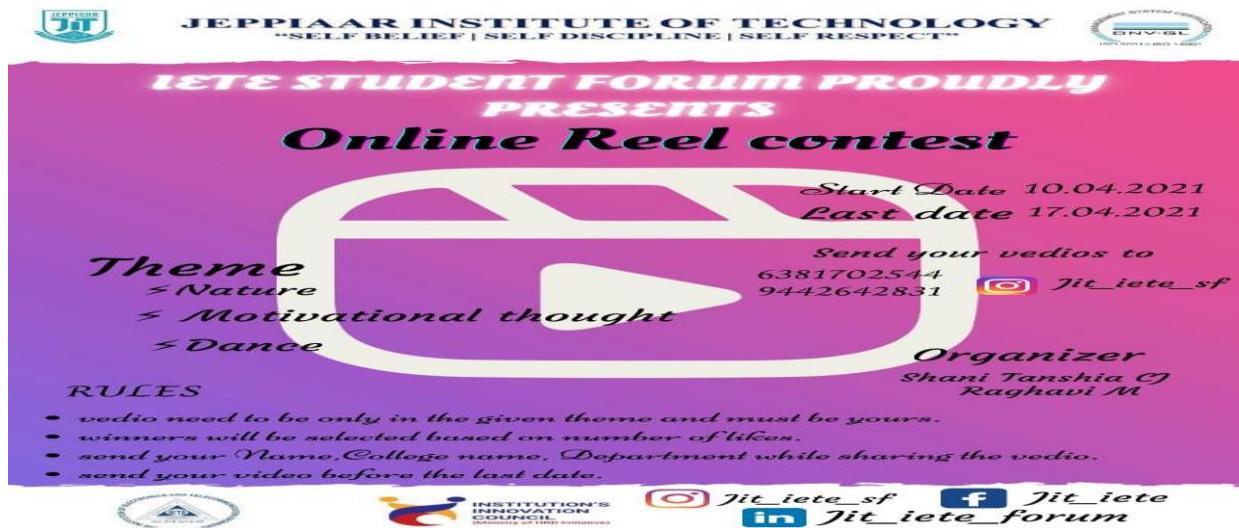

"Webinar on How to create Google Forms & Auto Generate Certificates"

ISF conducted Webinar on How to create Google Forms & Auto Generate Certificates on 09 Apr 2021 through online mode by Google meet by Ms. T R.Yuvanandhini and Ms. V. Deepika. The webinar was conducted in presence of Mrs. Nancy, AP/ECE. Ms. Priyadharshini Sashikumar – chairperson – IEEE SB JEC conducted this webinar in an easily understandable manner. 80 participants attended.
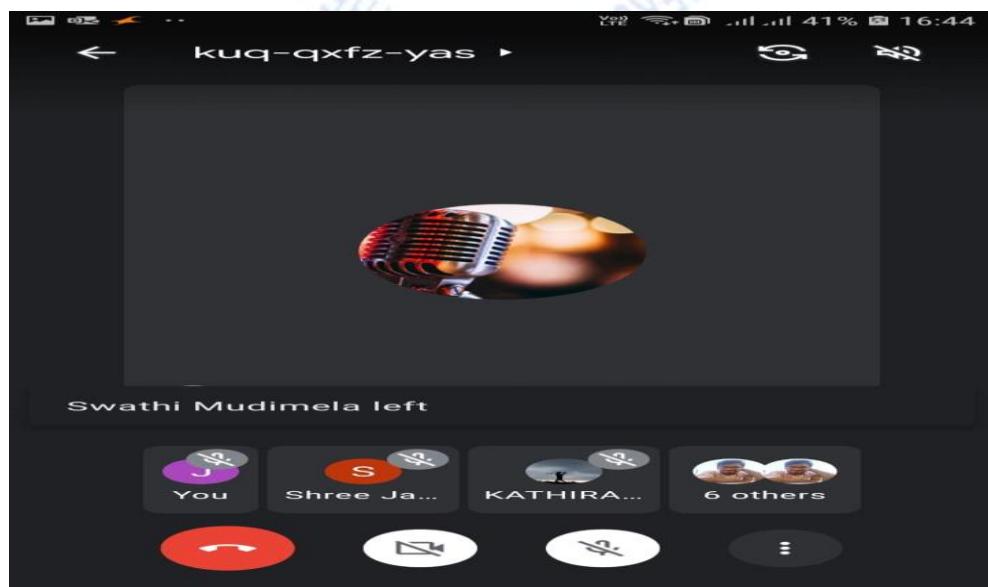
"Online Reels"

 ISF organized an Online Reels contest from   10 Apr 2021 to 17 Apr 2021 in online mode through Instagram. Topics in this event: Dance, Motivational Thought, Nature, All the participants are Requested to send their videos based on the theme and with name , college name, department.   Nearly 40 participants were participated in this event.   The winners   are selected based on number of likes. Winners are First place: N.T.Kumaran-Jeppiaar Engineering college, Second place: G.Bhuvaneshwari- Jeppiaar Institute of Technology, Third place: H.Ruaminie-Jeppiaar Institute of Technology.
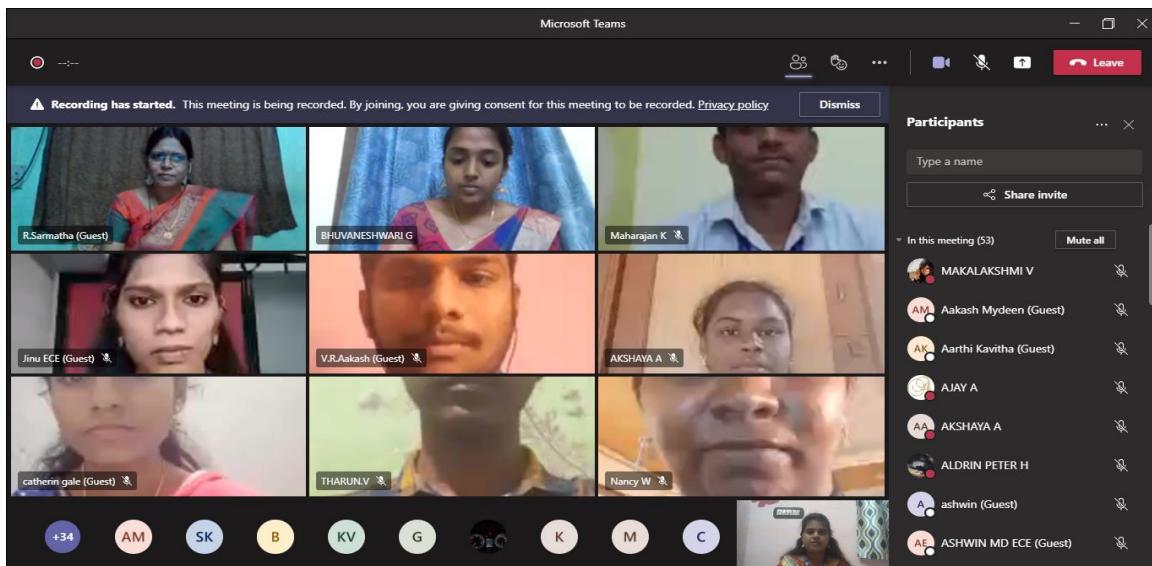

*"Talk till two"*

ISF conducted "Talk till two" event on 12 Apr2021 through online mode, Event was conducted by A. Ajay in presence of Mrs. Nancy, AP/ECE. The theme of the event was "Best experience in your school life". The main rule of this event is to talk for two minutes and it should be in English. The participants shared their experience. There were more than 9 participants in the event.

"Tamil Puthandu Sirappu Pattimandram"

ISF on occasion of Tamil New Year conducted a debate as Tamil Puthandu Sirappu Pattimandram on 15 Apr 2021. This event organized by Ms.Makalakshmi.V and Ms. Bhuvaneshwari.G in presence of Mrs. Nancy, AP/ECE. The Chief Guest Mrs. Charmatha, AP at Bakthavatchalam Women's College started the debate topic was "Vazhkaiyil Vetri pera Karanam Ariva ? Anupavama?". There were more than 90 participants participated.

"Technical Minute of Speech"

ISF organized an event Technical Minute of Speech on 15 Apr 2021 through online mode via Google meet organized by Ms. Anantya Mary J and Ms. Varunaa Sree D. More than 20 participants participated.
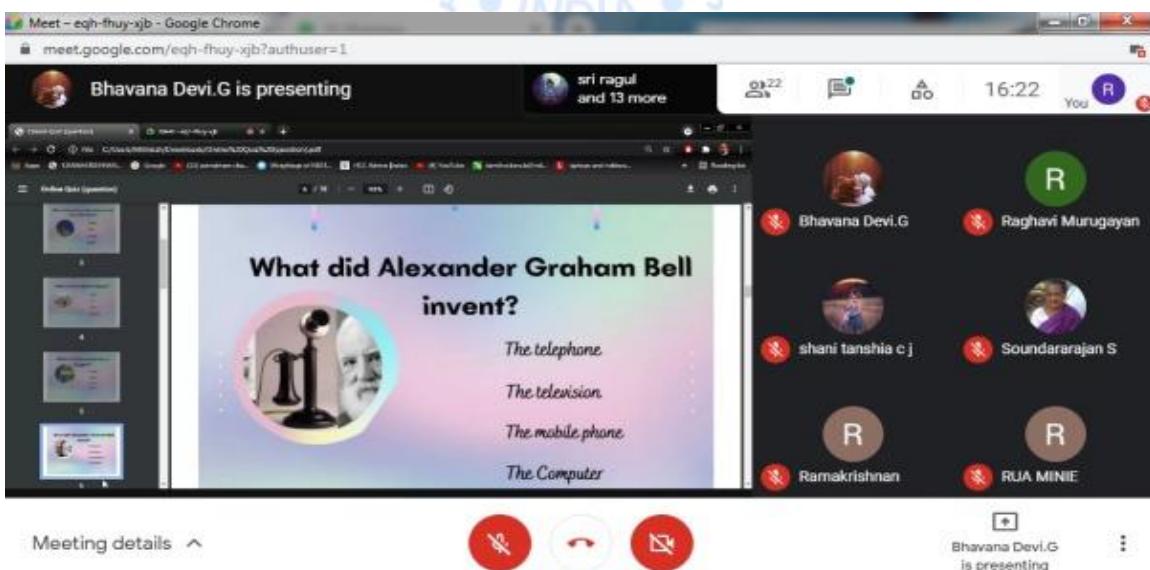
"Webinar on Design for Testability"

ISF conducted a Webinar on Design for Testability by Mr. J.Pavan Kumar ,DFT Engineer in Tessolve on 17 Apr 2021 in presence of Mrs. W. Nancy William AP/ECE. This webinar is mainly about Design for Testability for beginners. The chief guest is. Nearly 40 participants participated in this webinar. And the session was coordinated by Ms.R.Saranyadevi, Ms.J.Anantya Mary, Ms.C J Shani Tanshia.

"Online Quiz Event"

ISF conducted an Online Quiz Event on 23-04-2021 in online mode through Google meet. The Event was conducted by Mrs. W. Nancy William, AP/ECE. Nearly 64 registered and 40 participants participated. The Session is between 4 PM to 5 PM .The session started at 4 PM with the welcome note by MsC.J.Shani Tanshia followed by that, the first round question was displayed in screen.The participants shared there answer in chatbox. Winners of round 1 participated in second round. Session is concluded by Ms. M.Raghavi by vote of thanks.
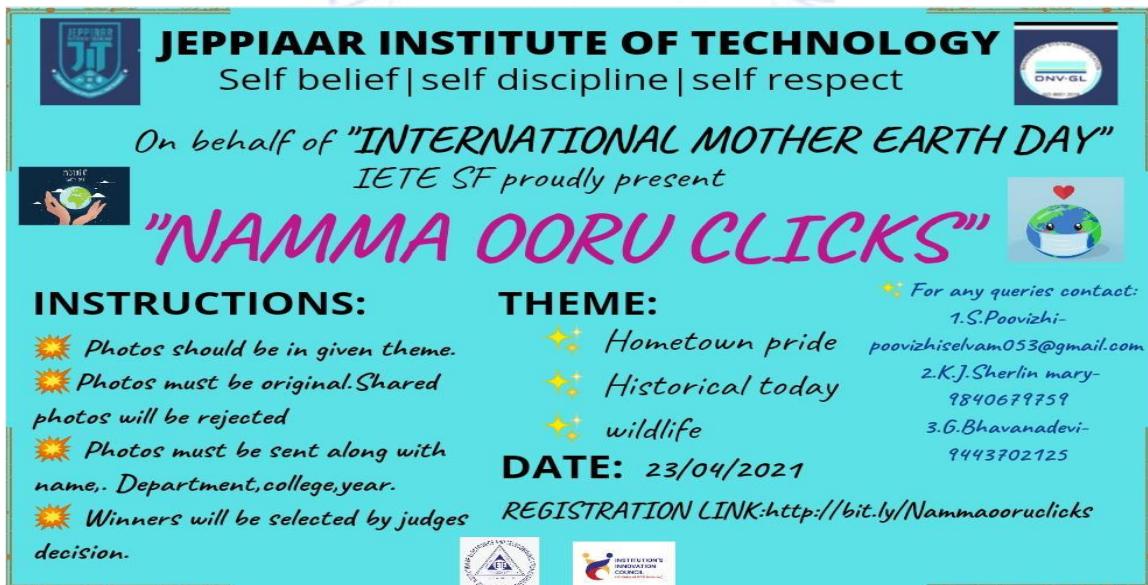
"Slogan Contest"

ISF organized SLOGAN CONTEST on 22/04/2021.This is the special online event for the students to express their skills in this pandemic covid-19 situation. There were nearly 30 students participated and express their slogan ideas.

"Namma Ooru Clicks"

ISF conducted a Non-Technical event on behalf of International Mother Earth Day as Namma Ooru Clicks on 23 Apr 2021 Organized by Ms. S. Poovizhi and Ms. R. Ishwarya & Mrs. Nancy, AP/ECE. Participants were asked to send photographs in themes -hometown pride, historical today etc.. More than 43 participants uploaded their photos.
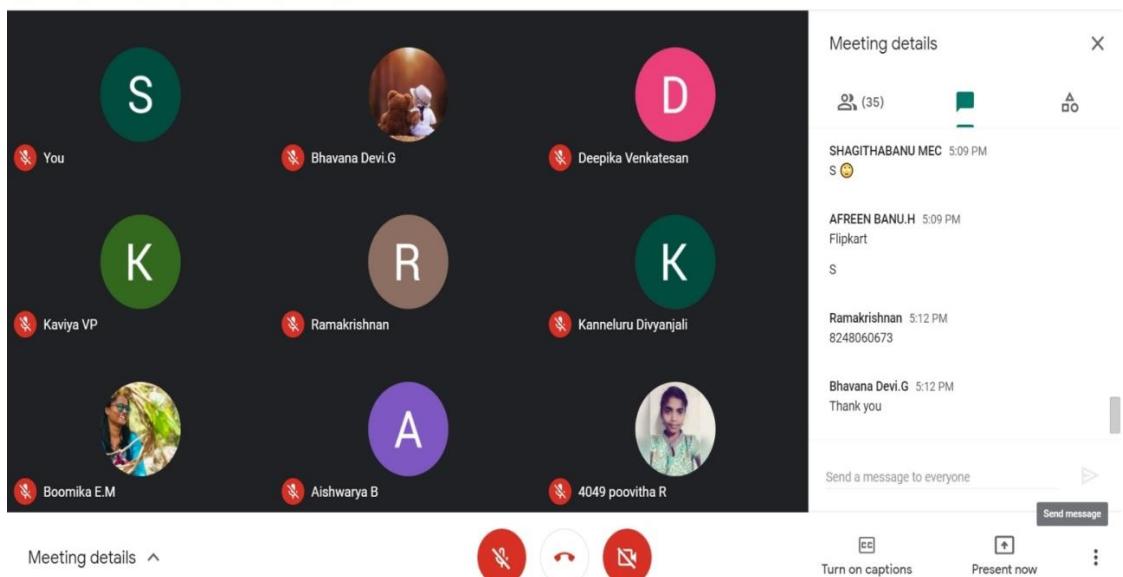
"Smartphone and Computer Processors"

ISF conducted an event Smartphone and Computer Processors on 24 Apr 2021 in the presence of Mrs. W. Nancy William, AP/ECE. This webinar was mainly about smartphones and computer processors. The chief guest was Mr. Nirmal Kumar Chaturvedi, Engineer group leader ASML, support for TMSC (world's largest semiconductor company). Nearly 30 participants participated. Ms.R.Saranya Devi, Ms.Raghavi coordinated the event.
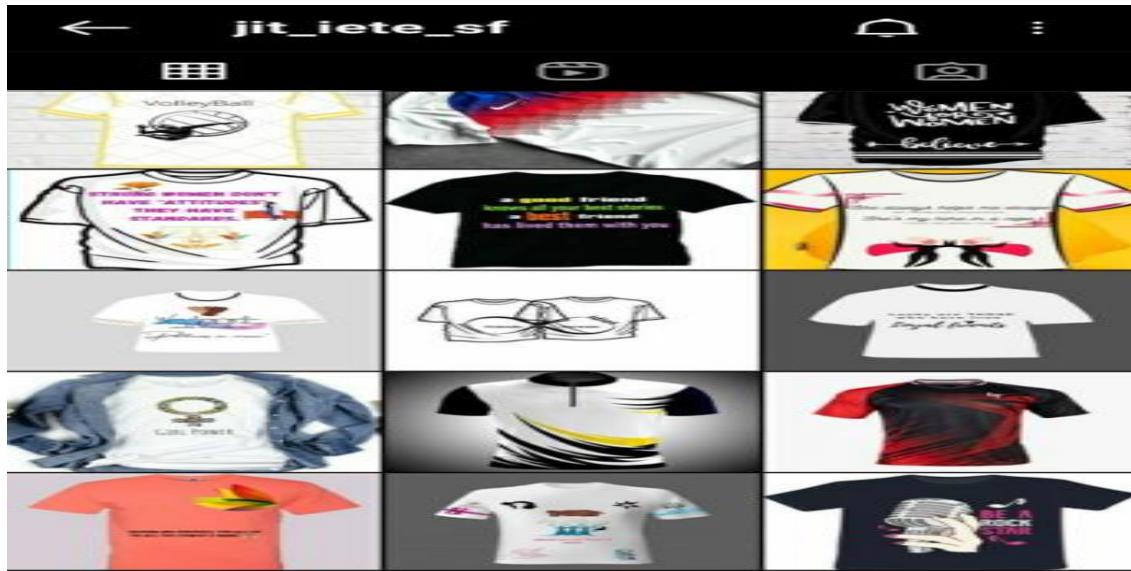
"Technical Connection"

ISF conducted a Technical event as Technical Connection on 26 Apr 2021. Event was organized by Ms. K . Swethaa, Ms. V. Deepika, Mrs. Nancy, AP/ECE. This event had funny and interesting questions which are in the form of pictures. Participants related the picture and answered the technical word in picture. 40 participants attended.
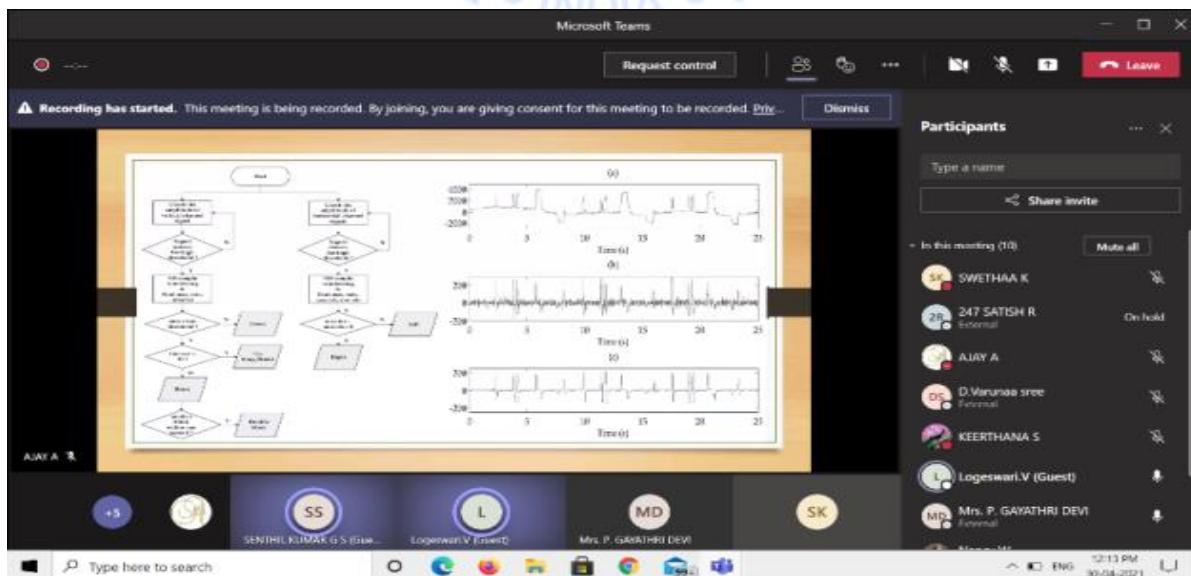
"T SHIRT DESIGN CONTEST"

ISF conducted a non-technical event as "t shirt design contest" from 29 Apr 2021 to 05 May 2021 .Event was organized by Ms.K.Swethaa, Ms.C.J.Shani Tanshia & Mrs. Nancy, AP/ECE. This event was mainly to design T shirt in online mode. Participate designed their own T shirt and based on number of likes the winners had been chosen. More than 40 participants participated.
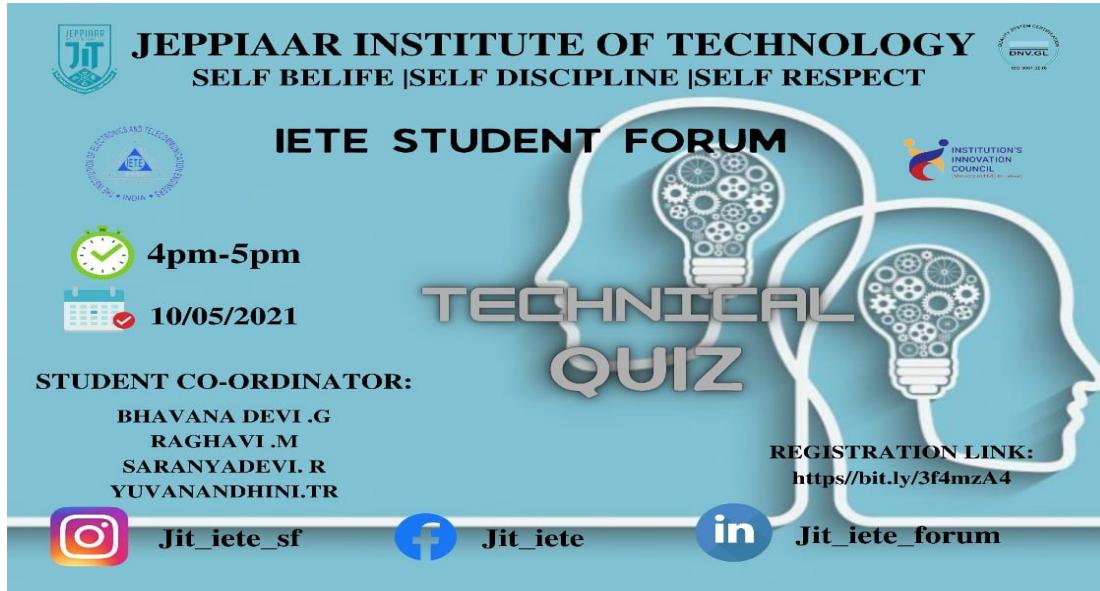
"Paper Splash 2k21"

ISF had conducted "PAPER SPLASH 2K21" event on 30 Apr 2021. Event was organized by S. Cherlin steffy, Ajay.A ,Somasree.V , Swethaa.K, Varuna sree.D and Mrs. Nancy, AP/ECE. This event was conducted via two sessions. The chief guest for morning session was Mrs. Gayathiri devi and afternoon session was Mrs. Jansi rani. The theme of the event was Innovation In Engineering and Application ,VLSI Technology Of Communications, Art Of Technology, Incredible India ,Technology and Social Relevance. The participants shared their experience. More than 19 teams participated.
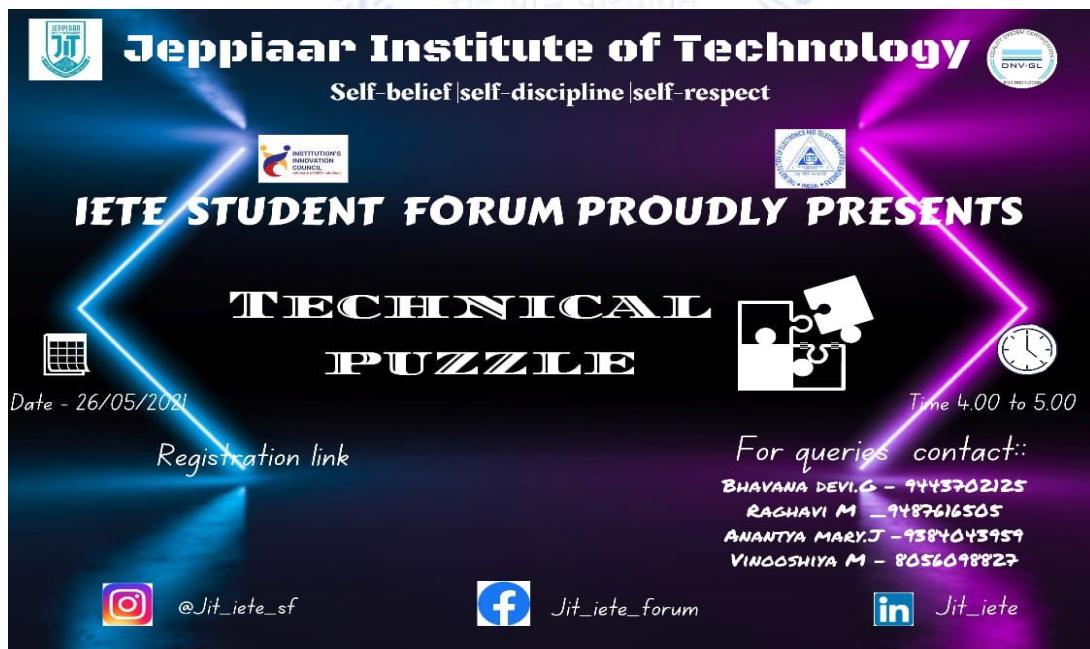
"Technical Quiz"

ISF conducted a Technical Quiz contest on 10 May 2021 organized by Ms.R .Saranyadevi , Ms. V. Raghavi and Ms.T,Yuvanandhaini in presence of Mrs. Nancy, AP/ ECE. This event had funny and interesting questions which is posted & answered.50 participants attended.

"Technical Puzzle"

ISF organized an event Technical Puzzle on 26-05-2021 through online mode via Google meet. The event was based on technical topic. The event started at 4:00 pm organized by Ms. Anantya Mary J, Ms. Ragavi M and Ms. Vinooshiya M. More than 40 participants participated.
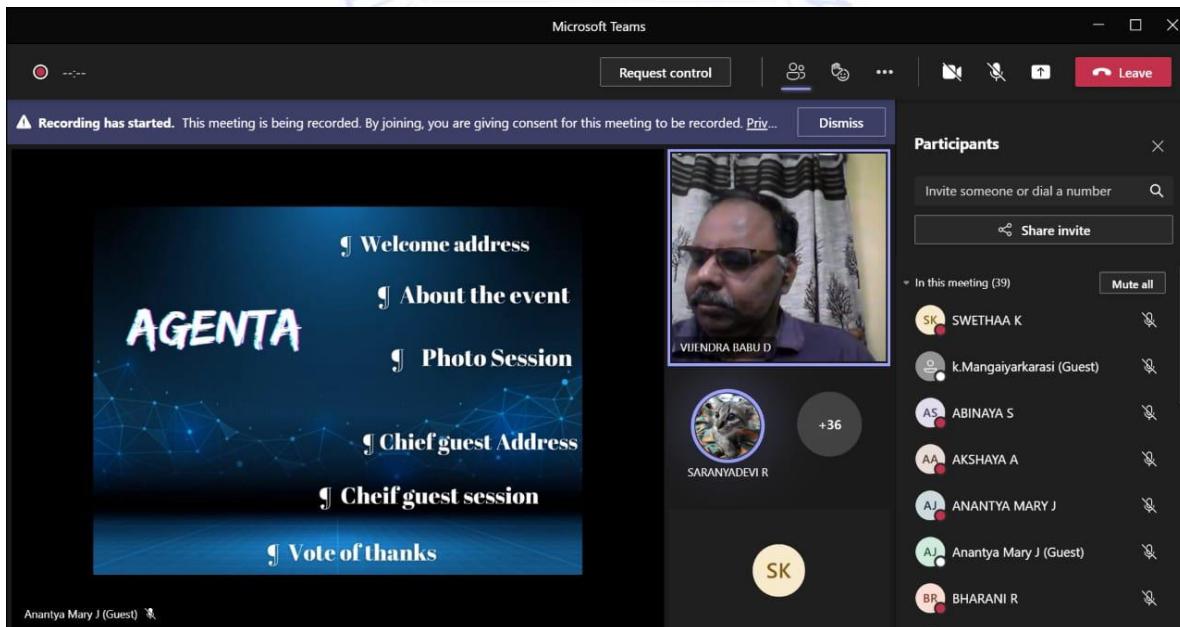
"Show Your Skills"

ISF conducted a Non- Technical event as Show Your Skills held from 28 May 2021 to 01 Jun 2021. Event was organized by Ms. Shani Tanshia C J and Ms. Deepika V. Participants are requested to post their skills in the form of photos or videos in the given Google form. Then the photos and videos are posted in our IETE official Instagram page. The winners of this event are chosen based on the likes they got. 33 Participants attended.

"Dream Tech Webinar Series – Opportunities behind IETE"

ISF conducted Dream Tech Webinar Series – Opportunities behind IETE by Dr. D. Vijendra Babu, Fellow member of IETE, Senior Member of IEEE, Vice Principal of Arupadai Veedu Institute of Technology on 30 May 2021. Speaker discussed about the various opportunities behind IETE. Nearly 50 participants participated. Event was coordinated by Ms. J.Anantya Mary, Ms. R.Saranya Devi, Ms. S.Cherlin Steffy & Mrs. W. Nancy William, AP/ECE.

Reported by: Mrs. Nancy, nancyw@jeppiaarinstitute.org

Panimalar Institute of Technology, Chennai

"Sixth International Conference on Innovative & Emerging Trends in Engineering & Technology"

PIT in association with ISTE,CSI,IIC,SAE,IETE, IEEE EDS, IAS, COMSOC, PES,PELS,TEMS SBC's organized Sixth International Conference on Innovative & Emerging Trends in Engineering and Technology on 12.04.2021. Dr.T. Jayanthy, Principal, PIT delivered the presidential address and explained the importance of organizing an International Conference, She motivated young researchers to develop products that will serve the societal problems. Dr. Reshmy Krishnan, Head of Research Unit, Muscat College, Oman inaugurated the conference and delivered the Key note address.300 papers received and 150 papers were selected and 130 papers were presented in the conference. Ms. Tatiana Takimoto, Presidente na Corali, Brazil delivered the second Key note talk and announced the bst papers of the conference. Dr.M.P.Chitra, HOD/ECE & Mr.M.Arun Assistant Professor ECE coordinated the event.
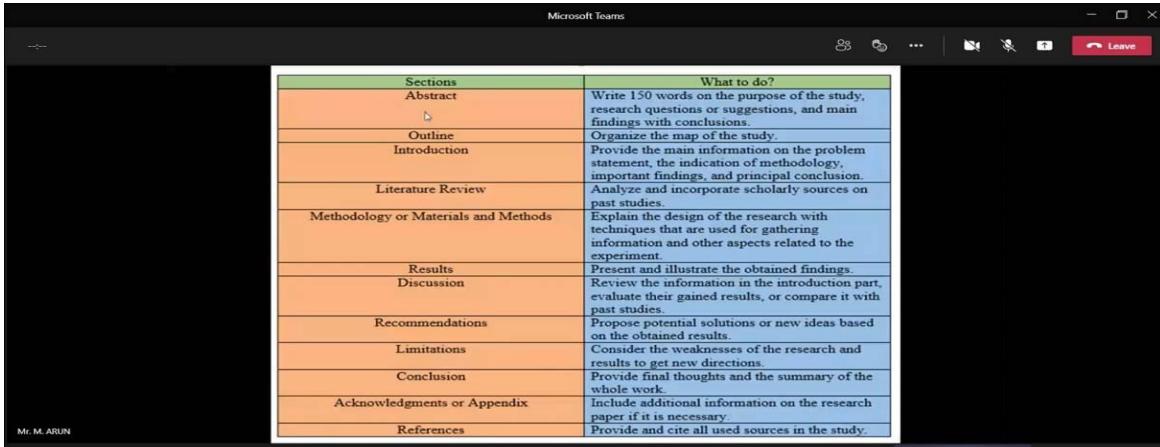
"Guest Lecture on Mobile Network Layer"

ECE dept. in association with IEEE SB, IETE- ISF, organized Guest Lecture on Mobile Network Layer by Mr.Sathyaraj.P, AP/ECE, RMK College of engineering and Technology on 26 Apr 2021 from 10:30am-11:30am (IST). Speaker spoke about Introduction to Mobile IP, IP packet delivery, Agent discovery, Tunneling and encapsulation, IPV6-Network layer in the internet, Mobile IP session initiation protocol. He also explained how it adds mobility and supports to internet network layer protocol. Nearly 140 students participated.

"Online workshop on how to write and publish scientific paper"

IEEE SB, IETE ISF, ISTE organized online workshop on How to Write and Publish a Scientific Paper by Mr.M. Arun, Assistant Professor, ECE, PIT on 27 April, 2021 at 7PM – 8PM(IST). Speaker explained about the 2 methods to write a Scientific paper that is Doing own project, then writing the paper and the second method is giving solution for already existing method. He gave guidelines for drafting perfect paper. He encouraged participants to go through IEEE Xplore and to start writing scientific papers. Around 116 participants from various colleges attended the workshop.
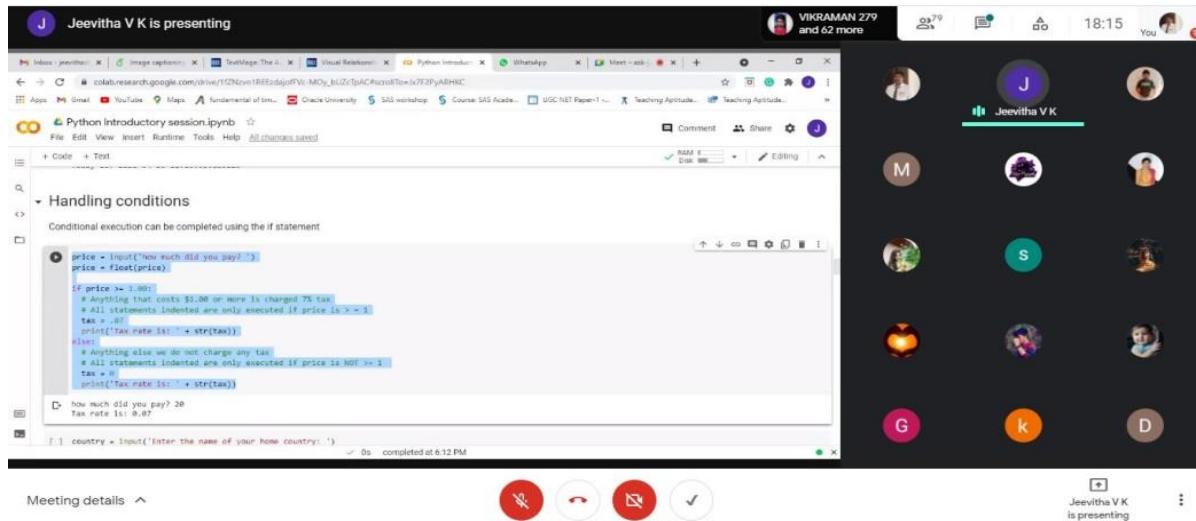
"Guest Lecture on Importance of higher education and various competitive level examinations"

PIT in association with IEEE,IETE,CSI organized an Guest Lecture on "Importance of higher education and various competitive level examinations by was Mr.Arvind Kumar, Head Operations, Time Chennai on 29 April 2021 | 10:30 AM - 11:30AM IST. Speaker started the session with a brief explanation about the opportunities available for the students. He gave the detailed view of the competitive exams and also explained how to handle it. He also explained the risk factors in competitive exams and higher education. He then explained about the opportunities in abroad for the higher education plans.. Around 312 participants attended the .

"Workshop on Programming with Python"

IEEE PIT SB in collaboration with IETE,CSI organized an online Workshop on Programming with Python on 29/04/2021 and 30/04/2021. Ms.Jeevitha AP IT,FET, Jain UNIVERSITY was the speaker. In this speaker explained about basics of python elaborately and spoke about data structures in python. She spoke about the importance of python in todays IT field. She have demonstrated few interesting python programs and asked participants to solve few. Nearly 132 students participated.
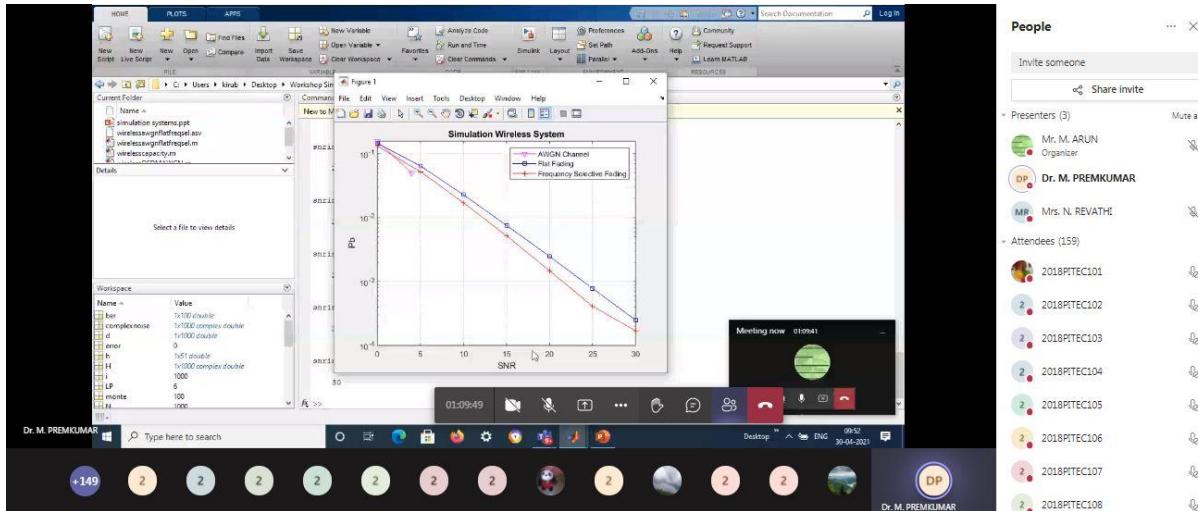
"Guest Lecture on Implementation of Strategies in VLSI"

ECE dept. in association with IETE, IEEE organized Guest Lecture on Implementation of Strategies in VLSI by Mrs.T Tamilselvi Associate Professor, ECE, Jerusalem College of Engineering on 30 Apr,2021 at 10:30AM to 11:45AM(IST). Speaker gave a detailed explanation about the Various Strategies available in VLSI. She also explained about the strategies in detail with a real time example. She also shared a brief explanation about VLSI circuits and the components attached to it. In the end of the session, She addressed various queries of the participants. Around 150 participants attended the session.

"Workshop on Stimulation of Wireless Communication Systems"

PIT ECE dept. in association with IEEE, IETE ISF organized workshop on "Simulation of Wireless Communication Systems" on 30 April,2021 at 08:30AM to 10:30AM(IST). Workshop session was handled by Dr. M Premkumar, Professor, ECE. Speaker discussed about the wireless communication propagations, various Stimulation methods available, fundamentals of wireless channel modeling. Speaker also elobrated about ethics of ireless communication systems. Hand on demonstration was given using MATLAB. Around 145 participants attended the session.
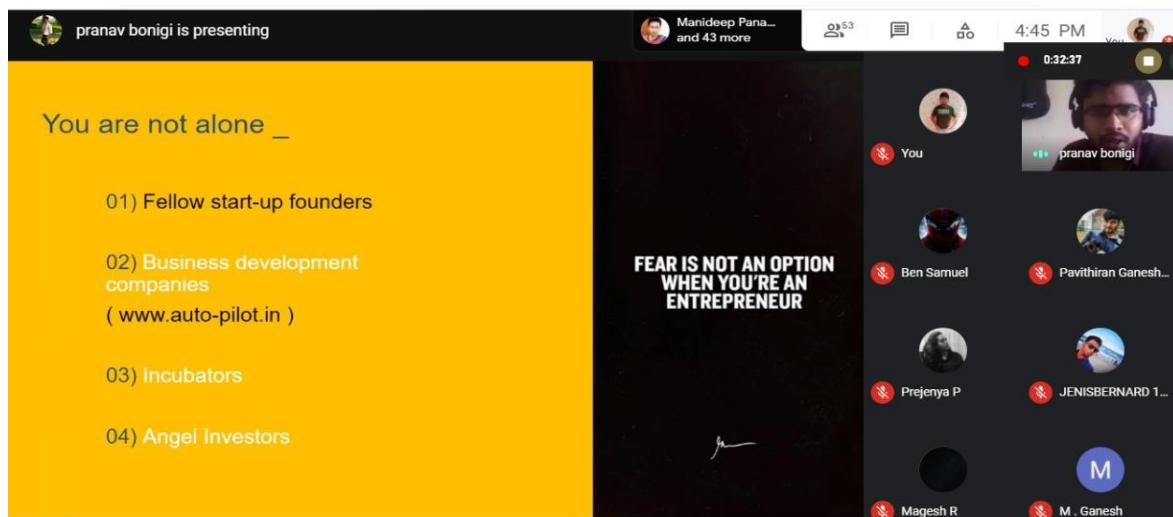
"Webinar on The art of making your own system"

EDC PIT in association with IETE,IEEE,IIC organized an online webinar on The art of making your own system by Mr. Rajkumar Kalaimani, Technical Mentor & Senior Systems Engineer, Infosys. Speaker shared various things Rated to Entrepreneurship and also gave a lot of insights about it. Being working in a IT sector shared a lot of differences seen in a normal Private sector and the Entrepreneurship. He also shared How to become a good Entrepreneur, Their Lifestyle, How to keep live in market, ho to retain customers, etc., Nearly 72 Participants attended.

"Interactive session/ Mentoring session with & successful start-up Founders"

PIT ISF in association with IIC,EDC,NISP,IEEE,IETE organized an online Interactive session/ Mentoring session with & successful start-up Founders by Mr. Pranav Bonigi, CEO &Founder | Box from Home, Alumni PIT on 19 May, 2021 from 4PM to 5PM (IST). Speaker shared a lot of ideas regarding entrepreneurship and his view on startups. Highlights of talk include Start up founders success stories, Business development companies, Incubators, & Angel Investors. Also he shared about Stages of Startups and explained how he started the startup.   . Nearly 60 participants participated.
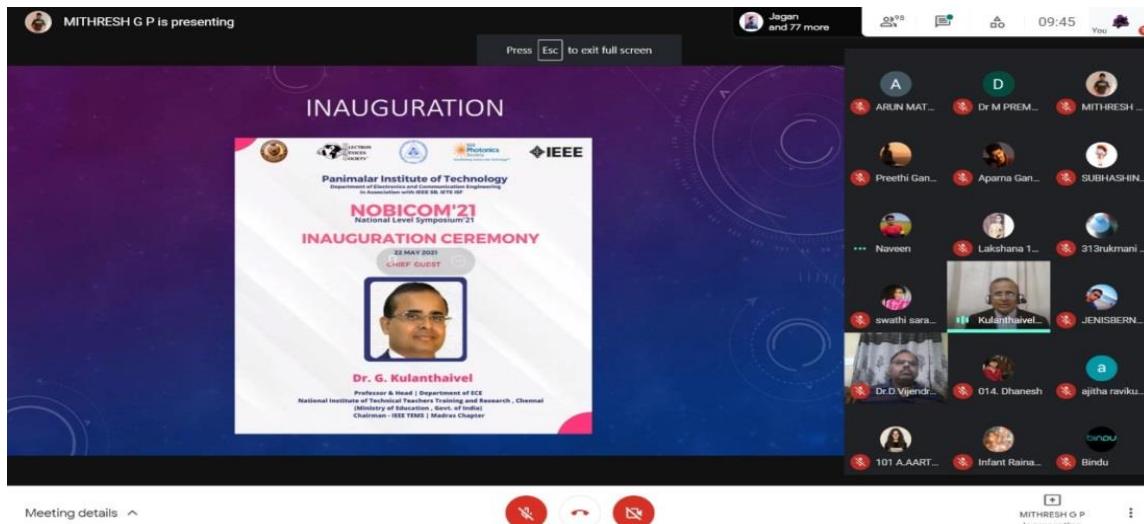
"Webinar on Angel Investment/VC Funding opportunities for early stage Entrepreneurs"

PIT in association with IIC,EDC,IEEE,CSI,IETE organized webinar on "Angel Investment/VC Funding opportunities for early stage Entrepreneurs by Mr. S. P. Karthikeyan,Subject matter expert from Banking domain on 21,May,2021 at 6.30(IST). Speaker gave brief description about angel Investment and vc fundings. He told participants that they must be well aware of the capital requirement that arises in early-stage companies and the crucial role of angel investors at this stage. He also shared ways to raise funds, stages of funding, etc,. At the end, the speaker answered for various queries of the participants. Around 50 members participated.

"NOBICOM'21 - National Level Symposium"

PIT ECE dept. in association IEEE SB & IETE ISF organized an Online National level symposium - NOBICOM'21 on 22 May, 2021. Symposium Inaugurated by Dr. G. Kulanthaivel, Professor and Head, ECE,NITTR and released Tech-tome Magazine. Keynote session on Future and Challenges of Wearable Technologies was delivered by Dr. D. Vijendra Babu, Vice Principal & Professor-ECE, AVIT, Vinayaka Mission's Research Foundation. Paper Presentation. Project Presentation Circuit Debugging, Idea pitching & Quiz contest was organized with few Non-technical contest as a part of Symposium. Nearly 177 Participants from various colleges attended.
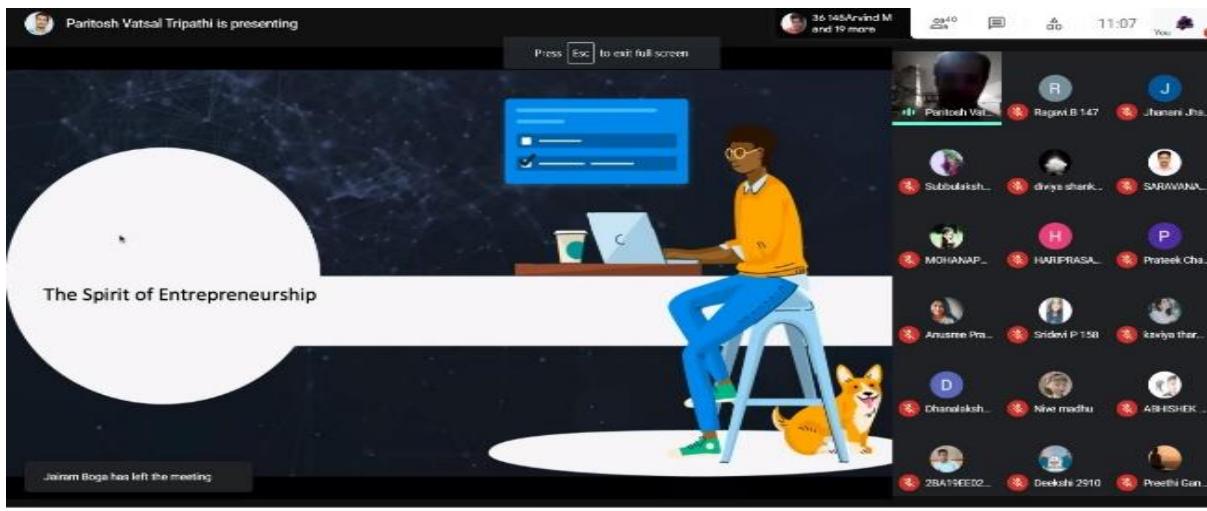
"Webinar on Importance of Entrepreneurship"

PIT EDC,IEEE,IETE,CSI organized an online webinar on the Topic Importance of Entrepreneurship by Ms. Monika Khatwani Psychologist, Coach - Educational Institutes & Corporates on 23 May, 2021 at 2:00PM-3:00PM (IST). Ms. Monika gave introduction to entrepreneurship by say it is the ability and readiness to develop, organize and run a business enterprise, along with any of its uncertainties in order to make profit. Highlights of talk include Entrepreneurship Accelerates Economic Growth, Impact on Society & community development, Promotes Innovation, Research & Industrial Development etc., Nearly 35 participants attended.
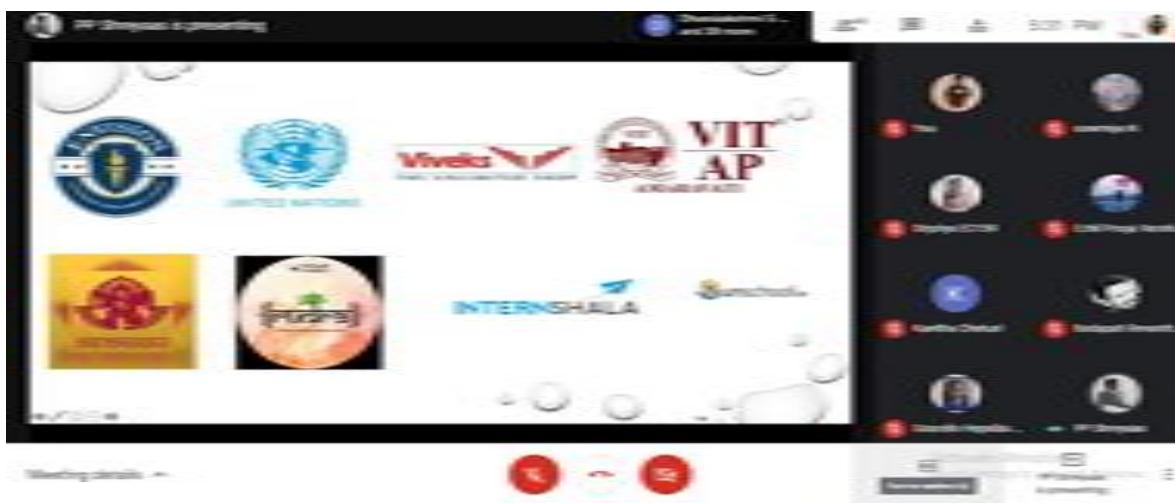
"Webinar on the Spirit of Entrepreneurship"

PIT,EDC,IEEE SB, IETE ISF, CSI organized a webinar on The Spirit of Entrepreneurship by Mr.Paritosh Vatsal Tripathi,Fintech Entrepreneur on 23 May, 2021 at 11AM – 12PM (IST). Speaker clearly projected the participants on what is entrepreneurship and also explained how to keep the driving force in us alive always. He suggested the participants some real time practices on how to bring out their start up ideas. Highlights of talk includes Best age of starting, What Impact it will create in our lifestyle & towards society, soloprenurship, etc., He also shared his own experience and how it changed his lifestyle, etc., The participants gained a crystal clear view on entrepreneurship. Nearly 51 participants joined.
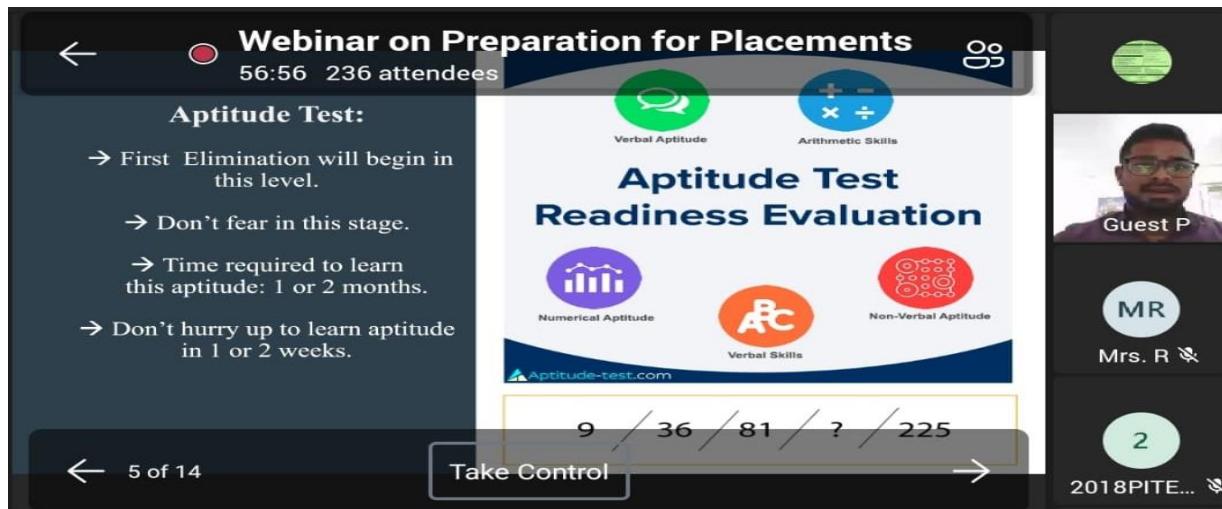
"Webinar on Social Entrepreneurship and Startups Behind it"

Panimalar Institute of Technology EDC, IEEE, IETE, CSI organized webinar on Social entrepreneurship and startups behind it on 25 May,2021 at 5PM - 6 PM (IST). The speaker was Mr.PP. Shreyaas, Social entrepreneur, IAF Awardee. The speaker explained the principle behind social entrepreneurship is and he told why it is important? Also he gave more examples for social entrepreneurship and He also shared his view on startups. Mr. Shreyaas gave his audience a vast number of opportunities as social entrepreneur and guided them to improve their startup ideas.
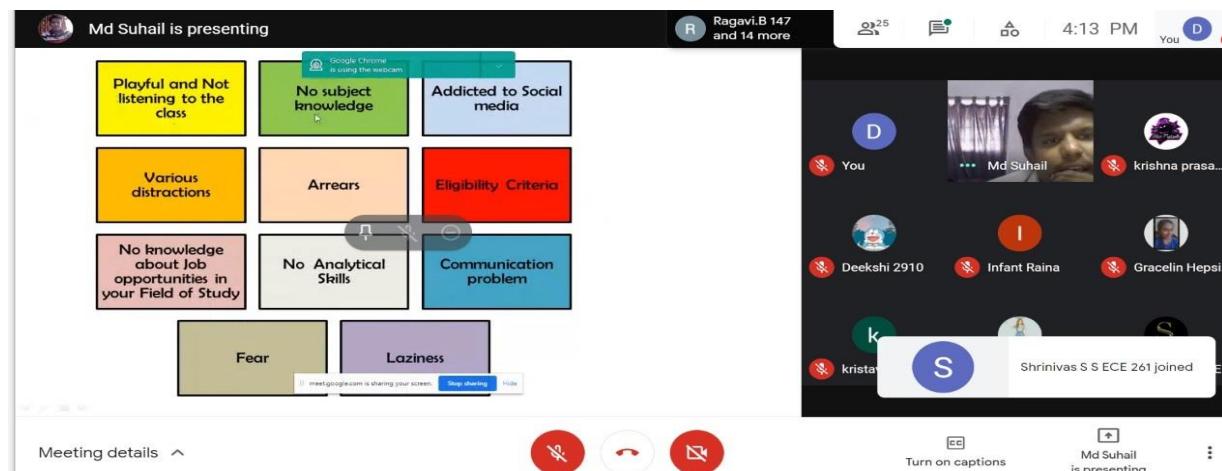
"Webinar on Preparation for Placements"

Panimalar Institute of Technology Industry Collaboration & Placement Cell in association with IEEE,IETE,CSI organized webinar on Preparation for Placement On 24 May, 2021 at 9:15AM – 10:15AM(IST). A talk was delivered by Mr.Vamsi Krishna Minnal, Alumni, PIT (ECE) and Section Lead IEEEXtreme 15.0 Germany. He gave tips to clear aptitude test, group discussion and HR interview easily and insisted participants to improve their communication skill also, he elaborated on what to include and what not to include in resume. He gave suggestion on higher studies and job opportunities in India and Higher studies and job opportunities in Germany. After the presentation, the speaker addressed various queries of the participants. Around 235 participants attended the session.
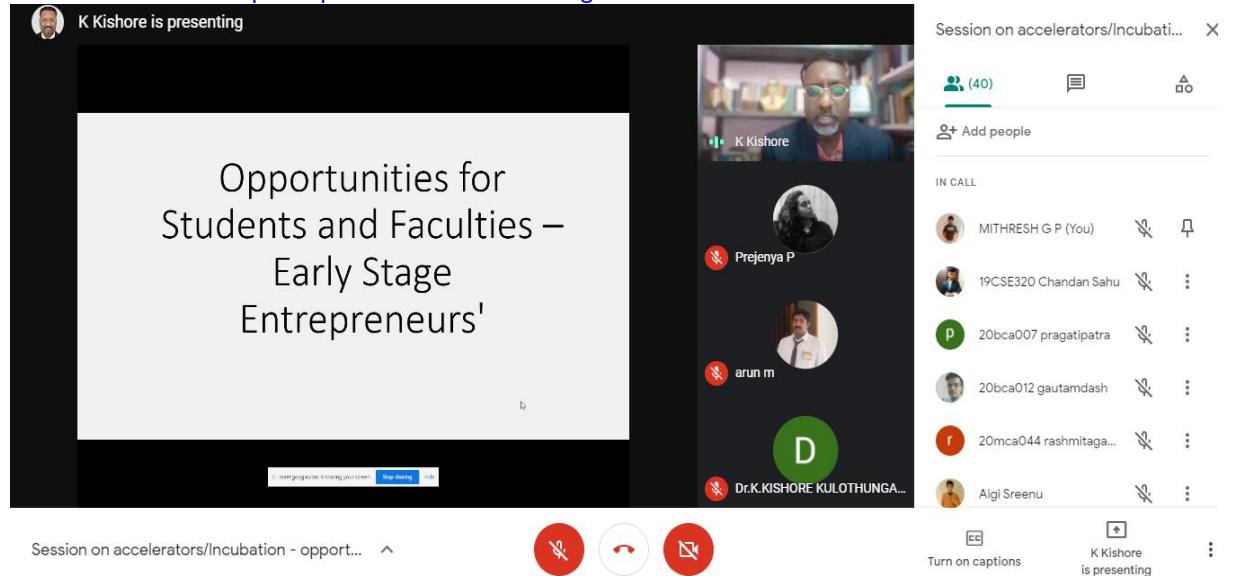
"Webinar on a Complete Roadmap for Placement"

PIT Industry Collaboration & Placement Cell in association with IEEE, IETE and CSI organized webinar on A Complete Roadmap for Placement on 26 May, 2021 at 4PM-5PM (IST). Talk was delivered by Mr. M.Mohamed Suhail, Assistant Professor & Placement Coordinator, CS, Alpha Arts and Science College. The speaker gave introduction about The Best career options after engineering. He explained the various levels of interviews and also explained about do's and don'ts in the group discussion. He conducted a stupendous aptitude round for the better knowledge. He also dispensed the Basic requirements for an interview. After the presentation, there was a question-and-answer forum where the speaker addressed various queries of the participants. Around 65 participants from various colleges attended the session.
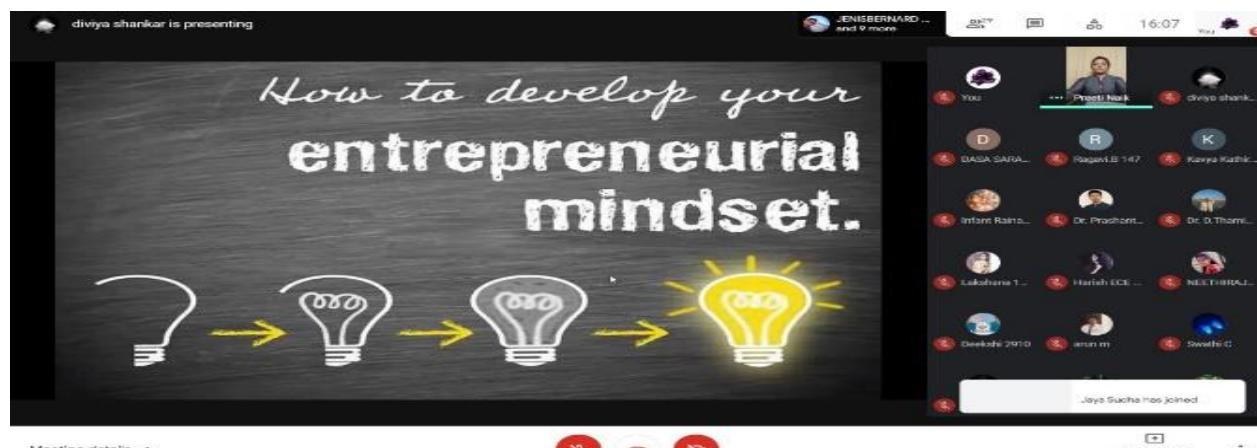
"Webinar on Accelerators / Incubation - Opportunities for Students and Faculties - Early Stage Entrepreneurs"

PIT in association with IIC,EDC,NISP,IEEE,CSI,IETE,ISTE & SAE organized Webinar on Accelerators / Incubation - Opportunities for Students and Faculties - Early Stage Entrepreneurs on 26 May, 2021 at 5PM - 6PM (IST). The webinar started with welcoming the speaker Dr. K.Kishore , Assistant Professor of Commerce Voorhees College,Vellore. Speaker briefly explained that why Entrepreneurship skill matters. Speaker insisted on how it provides qualities like Leadership, making a Holistic person, Interpersonal, influencing character, Good decisions making ability. Importance of being an Entrepreneur, the way of creating a start-up. The importance of incubators and various incubation and accelerator opportunities for the students and Early stage entrepreneurs to become successful. Around 60 participants from various colleges attended the session attended the session
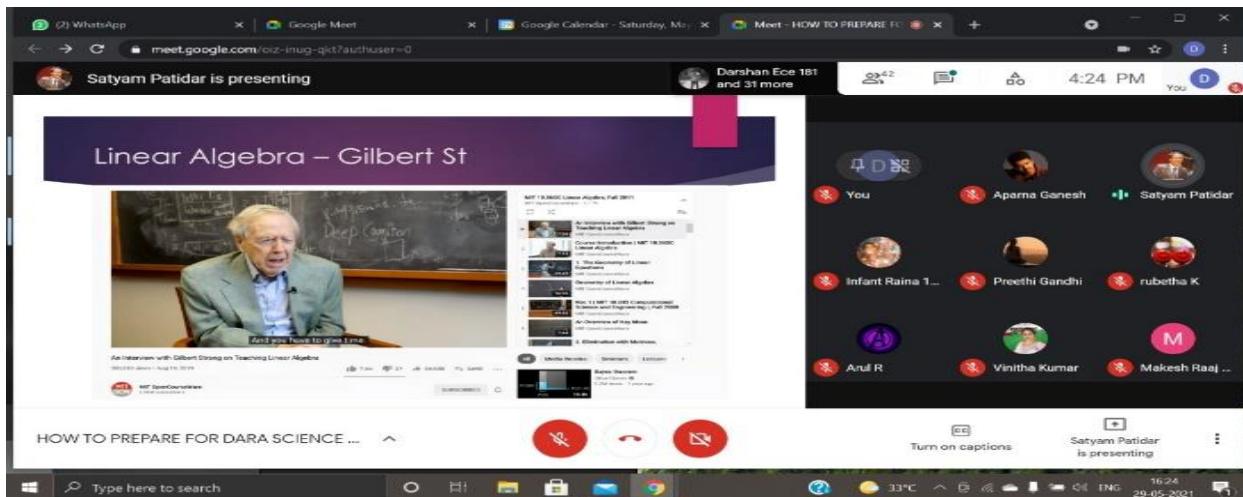
"Webinar on Mindset of Entrepreneur"

PIT EDC, IEEE IETE,CSI,NISP organized webinar on Mindset of Entrepreneur by Mrs.Preeti Naik, Global Entrepreneur, Coach Speaker, Nutrition Health Advisor on 27 May, 2021 at 4PM-5PM(IST). Speaker started with the basic 5 characteristics of entrepreneurship, "Decisiveness, Confidence, Accountability, Resilience, Humility" which she explained in a very effective way. She spoke about value of time, money and energy by comparing our life time i.e., how we spend those values at our young age, adult period and old age. She also highlighted to have mindset to embrace failure and learn from it and she mentioned that all the entrepreneurs are lifetime learners. Around 51 participants attended the session.

"Webinar on how to prepare for Data Science and Machine Learning job interview"

PIT Industry Collaboration & Placement Cell in association with IEEE,IETE,CSI organized webinar on How to prepare for Data Science and Machine Learning job interview by Mr.Satyam Patidar, Tedx speaker on 29 May, 2021. Speaker shared the roadmap for the preparation of data science and machine learning interviews and also suggested some legit sources to learn from. He stated the scope and various fields of data science and machine learning jobs which was informative to the students. In addition to that, the speaker shared tips for drafting unique resume. Nearly 42 Participants attended the event.
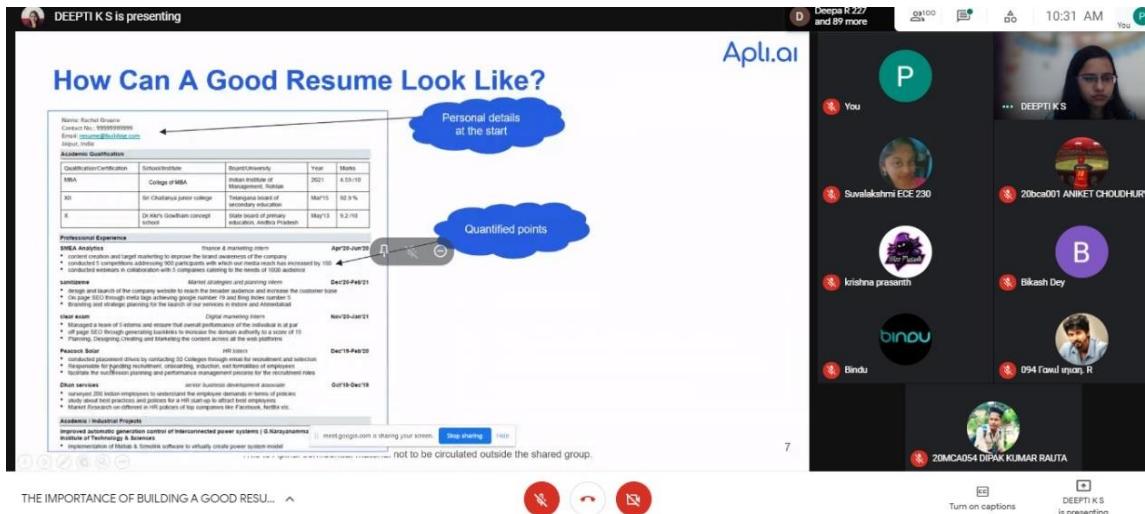
"Webinar on Think like an Entrepreneur"

PIT EDC,IEEE,IETE,CSI,NISP organized webinar on Think like an Entrepreneur by Mr.Karunai Prakash , Life Skills Trainer, Life Academy, Chennai on 30 May, 2021 at 4PM – 5PM(IST). Speaker shared some points on How to think like an entrepreneur i.e., Focus on your unique contribution, constantly solve Problems, protect your energy, Practice persistence, fully commit to your purpose. He explained each and every point neatly. He shared a meaningful quote saying, "Successful entrepreneurs have unlocked the secrets to a winning life". He also highlighted 6 Powerful secrets like, Choose your mind-set , Be determined , Slow down to lead , Know your business "health" metrics , Be prepared to swim upstream, Resolve to succeed. Around 45 participants attended the session.

"Webinar on The Importance of Building a Good Resume"

PIT Industry Collaboration & Placement Cell in association with IEEE,IETE,CSI organized webinar on The Importance of Building a Good Resume by Ms. Deepti K.S, Hire Freshers and interns Through us at Apli.ai Business & Hr Head | Career Coach on 30 May, 2021 at 10AM-11AM(IST). Speaker dispensed a very significant information which is to autocorrect students resume by invading into the website called Resumeworder.com. She also deeply explained about Do's and Dont's in the resume. She shared out her experience in the First Interview. She dispensed some of the sample resumes and asked the participants to find the errors. After the presentation, there was a question and answer forum where the speaker addressed various queries of the participants. Around 97 participants from various colleges attended the session.

Reported by: Mr. ARUN M, arunecepit@gmail.com

Sri Venkateswara College of Engineering, Sriperumbudur, Chennai.
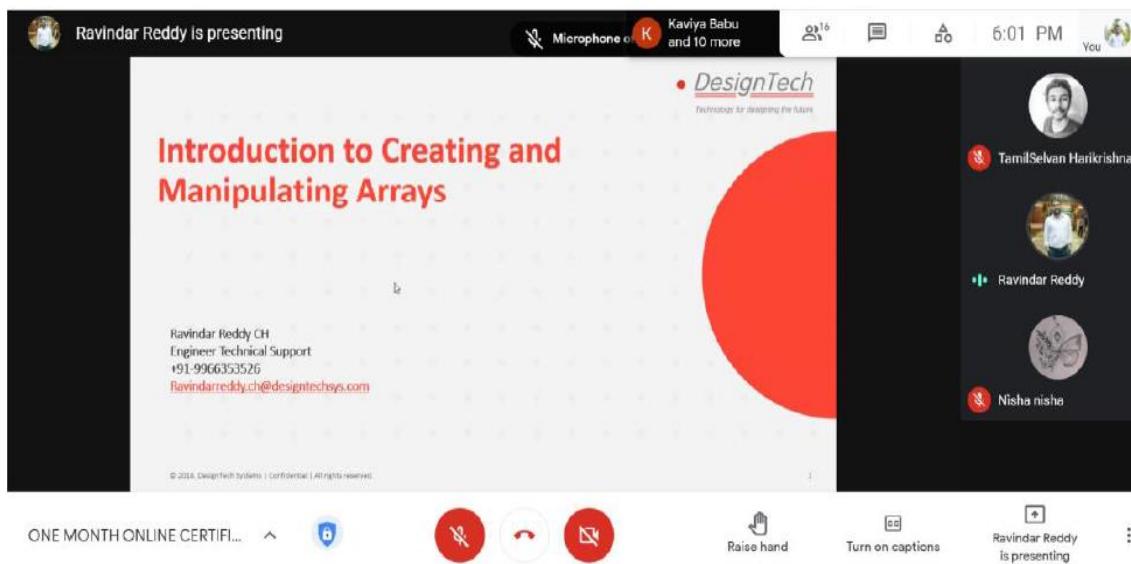
"National Science day"

National Science day was celebrated by SVCE-IETE-SF in association with IAPT at SVCE in physical mode with an expert lecture on "Metamaterials applicable for Antenna Design" by Dr.A.Anandavadivel, Associate Professor, Physics, SVCE on 11 Mar 2021 (2 to 3.30 PM)
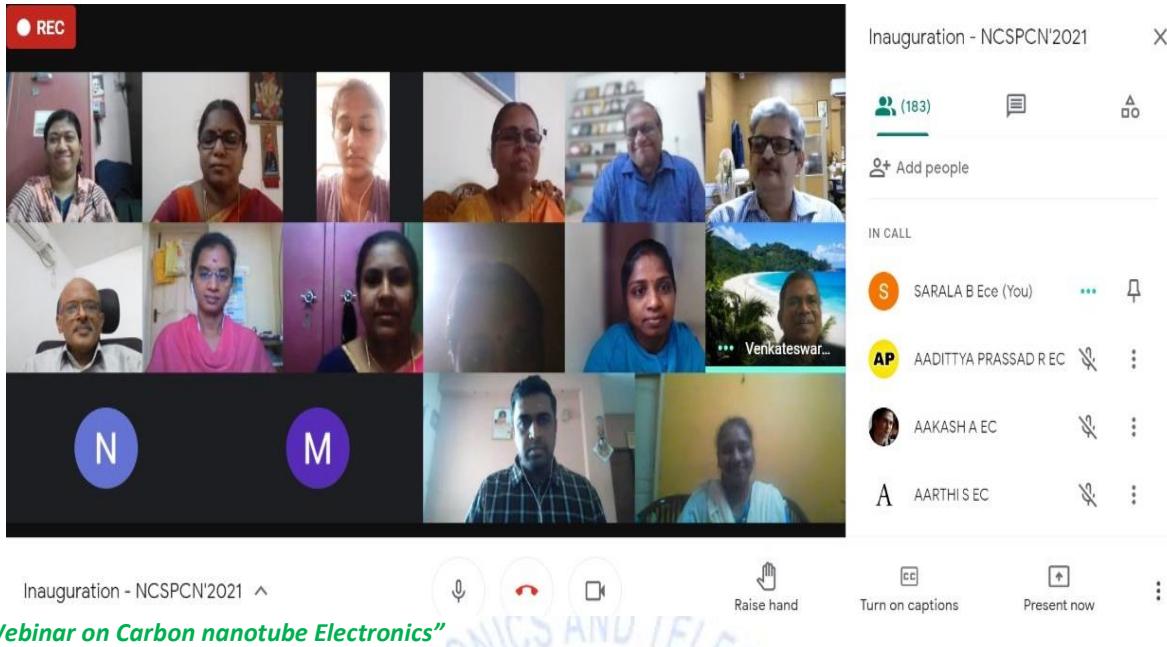
"Online Certificate Course"

ISF at ECE Dept. organized One-Month Online Certificate Course on "Complete MATLAB Essentials Leading to Application Development" during 30 Mar 2021 to 28 Apr 2021.2 hours of session per day which covered the complete MATLAB programming basics and last 10 days were spent on application specific MATLAB coding namely Digital Image Processing, Digital Signal Processing, Transmission Lines and Networks, RF and Microwave Engineering, Antennas and Wave Propagation, App Development using MATLAB. Live demo of coding was done before the target audience and they got to know the interesting features of developing applications using MATLAB. Speakers from Mathworks, DesignTech Systems Pvt Ltd: Mr. Dhiraj Jagtap , Mr. Milind Khanderao,Mr. Suraj Gawande, Mr. Ravindar Reddy. Other External Speakers: Dr. N. Venkateswaran, Professor,ECE, SSN College of Engineering, Chennai. Dr. V. Kamatchisundari, HOD Incharge, ECE, SRM IST, Ramapuram Campus, Chennai. Dr. M. Ganesh Madhan, Professor & Head, Electronics Engineering, MIT, Chennai. Dr. S. Piramasubramanian, Associate Professor,Electronics, Madras Institute of Technology,Chennai. Internal Speakers: Dr P Ashok, Ms. L. Anju, ,Ms. K. Srividhya, Ms. D. Menaka,Ms. S. Kalyani, Mr K Venkatesh, Assistant Professors.


"National Conference"

One day National Conference on Signal Processing, Communication & Networking (NCSPCN-2021) was organized by SVCE – ECE dept. and Institution's Innovation Council, SVCE in association with IETE Chennai Centre. The conference focused on recent research works in the field of Signal Processing, Communication and Networking, which addresses major real time problems that we are facing in day-to-day life. The inaugural keynote address on the topic "Oceanography ship – navigation and survey" was given the chief guest Dr. Tata Sudhakar, Group Head, Ocean Electronics Group, NIOT, Former Chairman, IETE, Chennai, in which he elaborated about the navigation systems and sensors, their advancements, and the various research issues to be addressed. The inaugural address was followed by paper presentation sessions, which was conducted in three parallel sessions. After the technical sessions, a valedictory Keynote Address was given by the chief guest Dr. N.Venkateswaran, Professor, Dept of ECE, SSN College of Engineering, Chairman, IETE Chennai on the topic "Intelligent Reflecting Surface for Future Wireless Communications". A total of 33 papers of good quality were selected by the review committee based on the novelty of the work relevant to the latest research topics and the real-world applications. 28 papers were presented in the conference. Following the keynote address, Dr.S.Muthukumar, HOD, ECE, gave the Valedictory Address and announced three best paper awards and cash reward of 1000/- from each of the technical sessions.

"Webinar on Carbon nanotube Electronics"

SVCE ISF, ECE dept. in association with IETE Chennai Centre organized the webinar on Carbon nanotube Electronics by Dr. P. Uma Sathyakam, AP, School of Electrical Engineering, VIT, Vellore on 27 May, 2021(3.30 PM IST). The webinar was coordinated by Dr. S. Sutha, Dr. K. Ashwini, Dr. P. Ashok and Mr. K. Venkatesh, AP/ECE, SVCE. Dr. S. Muthukumar, Head of the Department, Electronics and Communication Engineering addressed the gathering and gave the welcome address. Dr. S. Sutha, AP/ECE, introduced the speaker, Dr. P. Uma Sathyakam to the participants. The speaker gave deep insights into the topic Carbon nanotube electronics and shared his knowledge on nanotube structures, their configuration, applications of nanotubes etc. He also detailed various research challenges with respect to nanoelectronics. Webinar of then concluded with vote of thanks given by Dr. K. Ashwini, AP/ECE.

Reported by: Mrs.Jeya Prabha T J, jprabha@svce.ac.in

SRM Valliammai Engineering College, Kattankulathur, Chennai

"Webinar on Building Immunity"

ISF at ECE Dept. organized International Women's Day & Webinar on "Building Immunity by Siddha Mudra" by Dr Salai Jaya Kalpana, Founder & Director, Siddha Forest on 10 Mar 2021 (7 PM)

SSN College of Engineering, Chennai.

"HACKINFINITY"

ISF organized a HACKINFINITY, a National Level Hack Fest. Hack Infinity is a 24 hour online, Domains: Software Development, Robotics, Student Innovation, Medical and Healthcare, Data Security during 22 Jan to 23 Jan 2021

"Webinar on Successful Startup Founder"

ISF at ECE Dept. organized a Webinar on lecture titled "Successful Startup Founder" Mr Thirukumaran, Saravanan, Co Founder and COO on 13 Feb 2021 11.00 to 12.00 PM

Reported by: Dr.N.Venkateswaran, venkateswaran.iete@gmail.com

IETE CHEN LINK
IETE Chennai Centre Newsletter

Guidelines

Event Announcements

Events organized with IETE tag which includes IETE ISF activities, IETE Chennai Chapter activities which are directly organized / co-organized or technically sponsored or any other association with IETE, shall be informed to IETE Chennai Chapter in the mail id **ietechennailink@gmail.com.**

Event Reporting for News Letter (NL) Publishing

Please follow the guidelines given below for reporting events to be published in the newsletter through IETE Chennai LINK

Report only the events organized by IETE (technical / financial). Avoid reporting events that are irrelevant for publishing in IETE Chennai centre Newsletter.

Only ISF Coordinators shall report the consolidated events organized in a college. Newsletter reporting of a particular month shall be submitted before 5th date of next month.

Use SINGLE column format and the content may be in .doc / .docx formats only.

It is preferred to have a picture associated with the event. DO NOT embed the photograph in the report document. Send three relevant photo separately, in .jpg format, clearly indicating the photo corresponding to which event in case of multiple events being conducted and reported in a calendar month.

The size of photo shall not exceed 1MB (1024 x 1024 pixels max.); you may do necessary cropping / re-sizing, but ensure that the information is not lost and clarity is preserved.

Send the NL contents by email with the subject "IETE ISF Activity Report of < College name in short, Location> for < Month > <Year >"   Example: IETE ISF Activity Report of SVCE, Sriperumbudur for April 2021.

Send the NL contents by email **ietechennailink@gmail.com**.

Individual events report should be submitted after successful completion of the event in the following link. **https://tinyurl.com/IETECHENNAILINK**

Pl. co-operate with us by adhering to the guidelines specified. Please note that the reports not adhering to these guidelines will not get published. The Editorial reserves right to do editing as required for clear publishing of reports.

Template for the Event reporting for IETE News letter

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Format for filling the information,

Event Name	
Centre (name)	
Venue (College/Institute)	
Date & Time	
Chief Guest	
Topic of Chief Guest Speech & Highlights (Max. 25 words)	
Important dignitaries attended	
Brief Report including above information (Max. 200 words for Centres/ Sub-Centres & 75 words for ISFs)	
Photographs (Max. 3) with short captions (Resolution : 300 dpi, format: jpg)	

Photograph	Photograph	Photograph

For Private Circulation

IETE CHENLINK

Newsletter of IETE Chennai Centre

Vol.1, No. 1:: June 2021

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