



IEEE SPIT

IEEE SPIT REPORT 2020

Abstract

The following report consists details (including description, date, number of attendees) of all activities conducted by IEEE SPIT during the year 2019-20.



IEEE SPIT REPORT 2020

ADMINISTRATION COMMITTEE

Faculty Incharges: Prof. K.T.Talele & Prof. Aarti Karande

IEEE SPIT 2020

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IEEE WIE SPIT

Sr. No.	Name	Position	IEEE ID	Contact	Email ID
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Distribution Events from July till December:**Odd Sem**

Month	July 2020	Aug 2020	Sept 2020	Oct 2020	Nov 2020	Dec 2020	Total	Remark
Technical	2	1	7	5	0		15	Seminars and Tech Competitions
Non-technical	1	1	2	3	0		7	Seminars & Non Tech Competitions
Administrative	0	0	0	1	0		1	Committee Meetings
Social	1	3	1	1	0		6	Fun events
	Total no of Events						29	

No. of Events	July'20-Dec'20
Session/Lecture	16
Workshop	0
Competition	10
Networking	3
Total	29

Summary of Events:

Sr No.	Name of Event	Date	No. Of Attendees	Description	Skills Obtained
1.	Role of Industry 4.0 Technologies in Businesses Operations	04/07/2020	560	Industry 4.0 is the ongoing transformation of traditional manufacturing and industrial practises combined with the latest smart technology, and it is imperative that we as engineers understand the same.	Insights into the Technologies of Industry 4.0
2.	Conversation on Mental Health	12/07/2020	300	A conversation on various aspects of Mental health including Academic and placement related stress, Peer pressure, Anxiety & Methods to cope up with mental health during such situations.	How to take care of Mental health during Lockdown
3.	Webinar on Technical Paper Presentation	18/07/2020	80	Webinar on Technical Paper Presentation to give a brief idea on how to present and format a technical paper.	Presentation, publishing of Technical Papers

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4.	Panel Discussion on Technical Competitions	25/07/2020	82	This event was divided into Hardware and Software competitions respectively. The different competitions, their requirements, expectations, etc were discussed by the winners of these competitions.	Introduction to various technical competitions and the skills required to excel in them
5.	Felicitation of 2019-20 Committee	01/08/2020	24	A brief online felicitation ceremony in order to honour the core coordinators and subcommittee members of the team of 2019-20.	Acknowledging the contribution of the ex-committee members to the committee.
6.	Labyrinth: A Digital Scavenger Hunt	02/08/2020	180	WIE-IEEE SPIT conducted a fun event in the form of a digital scavenger hunt under the name of "Labyrinth". The event was open to colleges all over India and witnessed an impressive response.	Fun and relaxing event to serve as a stress buster
7.	Webinar: Lead The Life	07/08/2020	35	The speaker was Dr. Celia Shahnaz, the Chair of IEEE Bangladesh Section, founder & Chair of IEEE SPS, IAS Bangladesh Chapters, co-founder & vice-Chair of IEEE RAS, SSIT Bangladesh Chapters, Founder, Adviser, Nominations and Appointments Chair, WIE AG, IEEE Bangladesh Section and many more.	Motivational Session

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8.	Webinar on IEEE Xtreme	12/08/2020	156	A webinar on IEEE Xtreme by Sahil Sheth, Kshitij Shah and Vinayak Iyer; who secure AIR 16 in IEEE Xtreme 2019	Knowledge of IEEE Xtreme and Competitive Coding
9.	Panorama 2020	20/08/2020	30	A creativity competition where participants submit their creations. This event was organized to celebrate World Humanitarian Day.	Photography, Fine Arts, Graphics, Short Video
10.	Webinar: I Made it Possible	05/09/2020	62	WIE-SPIT team hosted a webinar on women empowerment, sponsored by IEEE Bombay Section and WIE Bombay section. The speaker Anima Patil Sabale .She is a Software and Aerospace engineer currently working at NASA's Johnson Space Center for Jacobs as Orion Spacecraft Simulations lab manager and xEMU Spacesuit Engineer.	Motivation Session
11.	Teacher's Day Celebration	05/09/2020	70	On the occasion of Teacher's Day, IEEE in collaboration with the Student Council organized a fun event for all the Professors	Celebration of Teacher's Day
12.	XtremeOverflow Getting started with Competitive Programming	05/09/2020	663	IEEE SPIT in collaboration with IEEE Bombay Section and various other student branches organized a webinar on CP as an introduction to XtremeOverflow; a coding competition spanning 5 weeks to	Competitive coding

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				prepare students for IEEE Xtreme	
13.	App It Up Webinar	06/09/2020	101	A webinar on Application Development by Sudarshan Bhatt, an IT Analyst and Technical Lead for HDFC Mobile Banking App currently working at Tata Consultancy Service	Web Development
14.	XtremeOverflow Contest 1: Complexity analysis and Math	13/09/2020	99	The first competition of XtremeOverflow focused on Complexity Analysis and maths. Participants had to solve 5 questions in any programming language of their choice.	Competitive Programming, Complexity analysis, foundational mathematics
15.	UI/UX Designing Webinar	20/09/2020	75	The speaker was Mr Rahul Goradia, a product designer currently working at Zomato. He has given talks to various college communities such as Microsoft student partners and Google developers' student club.	Introduction to UI/UX Designing
16.	XtremeOverflow Contest 2: Strings	20/09/2020	66	The second competition of XtremeOverflow focused on Strings. Participants had to solve 5 questions; 2 easy, 2 medium and 1 challenging question; in any programming language of their choice.	String manipulation, Competitive coding

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17.	Panel Discussion on Building Your Own Brand	20/09/2020	165	A panel discussion on the importance of building a personal brand specifically for teachers and academicians	Personal Branding
18.	XtremeOverflow Webinar on Greedy Algorithms	25/09/2020	163	Webinar in which various concepts related to Greedy Algorithms including binary search and monotonic functions followed by a QnA	Greedy Algorithms, Binary Search, Monotonic Functions
19.	Xtreme Overflow Contest 3: Greedy Approach	27/09/2020	431	The third competition of XtremeOverflow focused on Greedy Algorithms. Participants had to solve 5 questions in any programming language of their choice.	Competitive Coding, Greedy Algorithms
20.	XtremeOverflow: Xtreme and its changes	02/10/2020	75	A webinar explaining about IEEE Xtreme 14.0, how it will be conducted this year, the history of IEEE Xtreme and how it has changed over the years	IEEE Xtreme 14.0
21.	Webinar: I Engineered My Life	03/10/2020	70	The speaker Dr. Padmaja Joshi, Senior director at C-DAC (Center for Development of Advanced Computing) gave very useful insights on the topic about life and technology and how much it is important to manage it.	Motivational Session

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22.	XtremeOverflow Contest 4: Dynamic Programming	04/10/2020	23	The fourth competition of XtremeOverflow focused on Dynamic Programming. Participants had to solve 5 questions in any programming language of their choice.	Competitive Coding, Dynamic Programming
23.	Project Innovation Challenge	10/10/2020	71	An online competition, encouraging engineering students to innovate and come up with feasible and creative solutions, along with business ideas combatting real world problems. Participants can choose any domain, to present a solution for a particular problem under that topic	Business, Innovation, Case Study
24.	XtremeOverflow Final Contest	11/10/2020	25	In the final event of XtremeOverflow, everything taught over the 4 weeks was put to the test. It was a 6 hour competition with 10 questions; 2 easy, 5 medium and 3 hard questions	Competitive Coding
25.	Webinar on Digital Marketing	11/10/2020	90	An interactive webinar on Digital Marketing where the speaker; Mr Arth Patel explained the basics social media marketing, Influencers, importance of LinkedIn, etc	Digital Marketing, Social media marketing

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26.	Ex-Com Meeting	11/10/2020	10	Meeting of IEEE SPIT Core Committee	-
27.	APP IT UP Competition	17/10/2020	30	An online app development competition where participants had to develop an application based on the problem statements provided. Mentoring sessions were organized for the participants to help them.	Application Development
28.	IEEE Day 2020 Competition	18/10/2020	74	On the occasion of IEEE Day, IEEE SPIT along with IEEE VIT and IEEE APSIT conducted a competition for students of the three student branches. The competition also consisted of a round zero conducted on google meet, the winners of which were given a head start. The remaining three rounds were conducted over whatsapp.	Fun event to celebrate IEEE Day
29.	IOT In Healthcare	21/10/2020	90	A session on the application of Internet of Things in the Healthcare Sector	Internet of Things

Description of Events:

1. Role of Business Operations in Industry 4.0

Webinar on
**Role of Industry 4.0 Technologies
in Business Operations**

Dr. Santosh Rane
Dean Academics,
Sardar Patel College of Engineering,
Mumbai, India.

Registration

Scan Here

Link : <https://qrqo.page.link/ZVfex>

Saturday, 4th July Time: 4pm to 5:30 pm IST

Speaker:

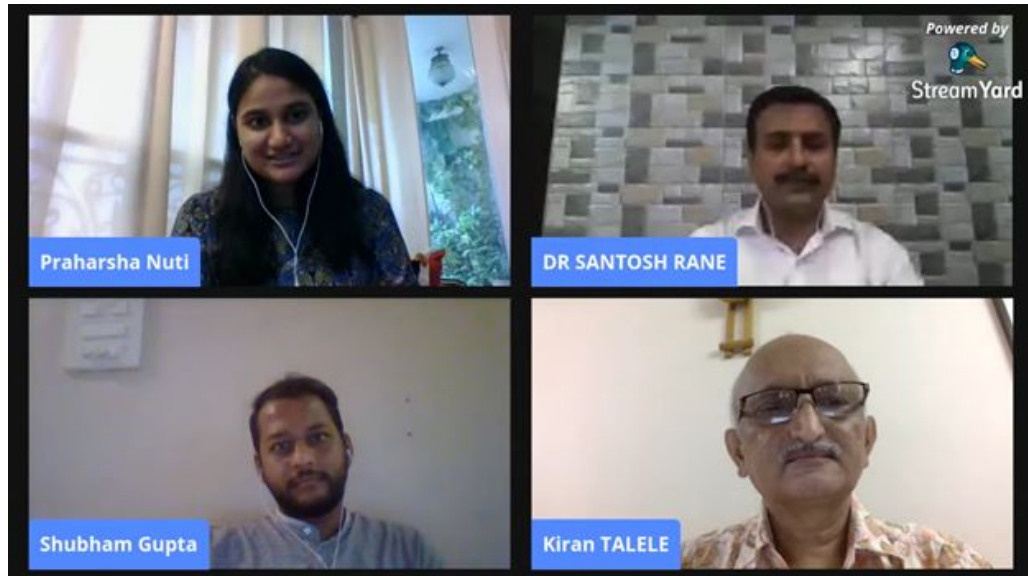
Dr. Santosh Rane is the Dean of Academics at Sardar Patel College of Engineering. He has done his ME in Machine Design and PhD in Technology from VJTI. He has received Master Black Belt in Lean Six Sigma from the Indian Statistical Institute. He has a Post Graduate Certificate from SPJIMR Mumbai and his research has more than 600 citations.

Event Summary:

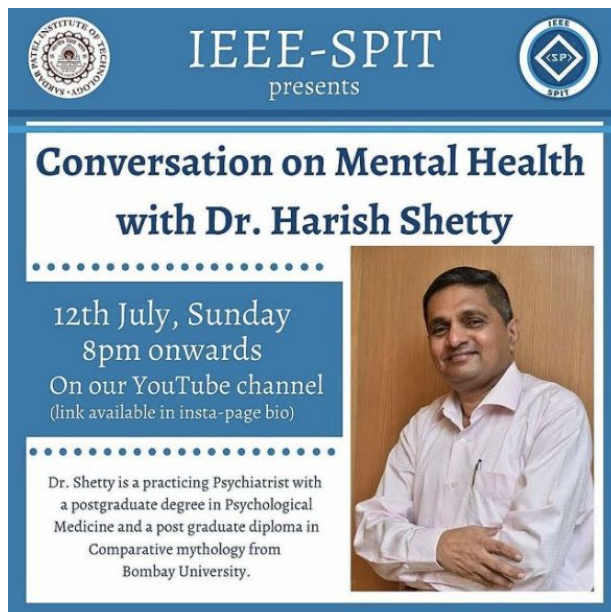
Dr. Rane first gave an overview of the previous industrial revolutions and explained the driving force behind Industry 4.0. Then he spoke of the various technologies that are expected to drive the coming industrial revolution. The key features of this will be Connectivity and Communication, Data Intelligence and Analytics, Human Machine Interaction and Advanced Production. He gave an overview of key technologies like IoT, Simulation, Cybersecurity, System Integration, Cloud Computing, 3D printing, Big Data, Augmented Reality and Autonomous Robots. Then he explained the impact these technologies will have on the future of Business and the advantages and they will bring about for the future. He also spoke of the various challenges that these technologies will pose, some of them being lack of digital culture and skills, high economic costs, lack of regulations and data security. Then he took up a few case studies to explain the actual usage of these technologies in real world businesses. Finally he took up a few questions followed by a vote of thanks. All in all, it was a very informative session and provided great insights into the future of businesses and the role that IoT, blockchain and related technologies will play in their functioning.

Instagram Link:

https://www.instagram.com/p/CCBRqaOHHC_/?igshid=1nluiqb9cdxeo



2. Conversation on Mental Health



Speaker: Dr. Harish Shetty is a practicing psychiatrist with a post graduate degree in Psychological Medicine and a post graduate diploma in comparative mythology from Bombay University. With his immense experience in disaster and mental health, Dr. Shetty has worked with the victims of the Marathwada earthquake, Kandia cyclone, the riot affected in Gujarat, hence creating a huge impact in their lives. Apart from this, he is also an active member of NTA.

Event Summary: In light of the growing need to spread the awareness about importance of mental health, IEEE-SPIT organized an interactive webinar with Dr. Harish Shetty. The event began with him starting off the discussion about the very ongoing topic, uncertainty in times of global pandemic, specifically lockdown and the changes it has brought along. In a very

fluent and easy manner, he explained the true meaning of uncertainty and its effects by giving a real-life example and focused on the importance of accepting the reality as a sign of progress. Later on, Dr. Shetty moved on to the brief description of what sleep deprivation really means, what might be the cause and its harmful aftereffects. In the next few minutes, the participants were brought to light of a few ways to ensure being physically healthy, some of them include being aware of one's feelings, improving interpersonal relationships and the most important, feeling good about oneself. Dr. Shetty also talked about what's classified as normal, difference between joy and pleasure, importance of forming a habit of exercising and involving oneself into yoga and the major need which most of the youth today lacks, the importance of proper sleep and diet. While the discussion was nearing its end, he highlighted the need to connect and bond with one's parents, friends and also their own selves.

What seemed to be interesting, also transformed into a very interactive session when the floor was opened for question and answers, where Dr. Shetty answered each and every query beautifully. At the end of the hour long webinar, Pratham Solanki, the head of operations of IEEE-SPIT, paid gratitude to all those who took their time out to attend the informative discussion, especially Dr. Harish Shetty who graced the event and very precisely answered all the questions that every human being must have faced at least once in their lifetime and for making the event a huge success.

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3. Webinar on Technical Paper Presentation

Speakers:

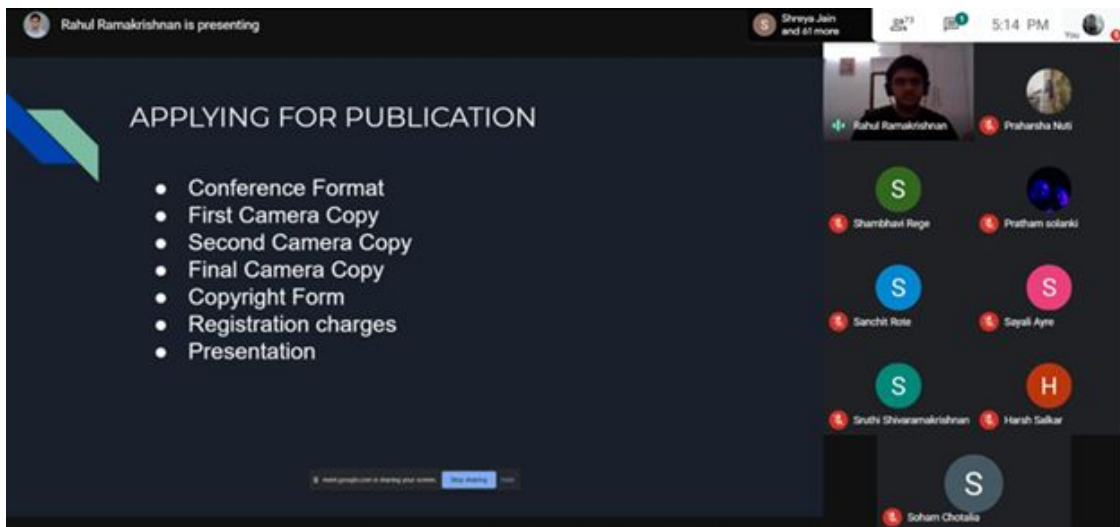
Rahul Ramakrishnan is a final year student in Electronics at Sardar Patel Institute of Technology. He has published a paper “Speed Breaker Detection and Mapping using IOT”.

Shambhavi Rege is a final year student in Electronics and Telecommunications at Sardar Patel Institute of Technology. She has published a paper “Automated Shopping Cart with Collaborative Clustering Recommendation System”.

Event Summary:

The event began with an introduction to the speakers. Next Rahul Ramakrishnan began by explaining how to select a topic for a project and what are field surveys, market surveys and literature surveys. Then he spoke of the format for drafting a paper once the hardware or software implementation is done. He spoke of how to find conferences and the procedure for applying for publication in conferences. Then he explained the procedure to apply for publication from the college. Then Shambhavi Rege took the question and answer session where she answered a wide range of questions from how to choose a project to the types of softwares that can be used. Finally both Rahul and Shambhavi spoke about their own papers and briefly explained their experience of doing projects.

All in all it was a very useful event and it was appreciated by all who attended.



4. Panel Discussion on Technical Competitions



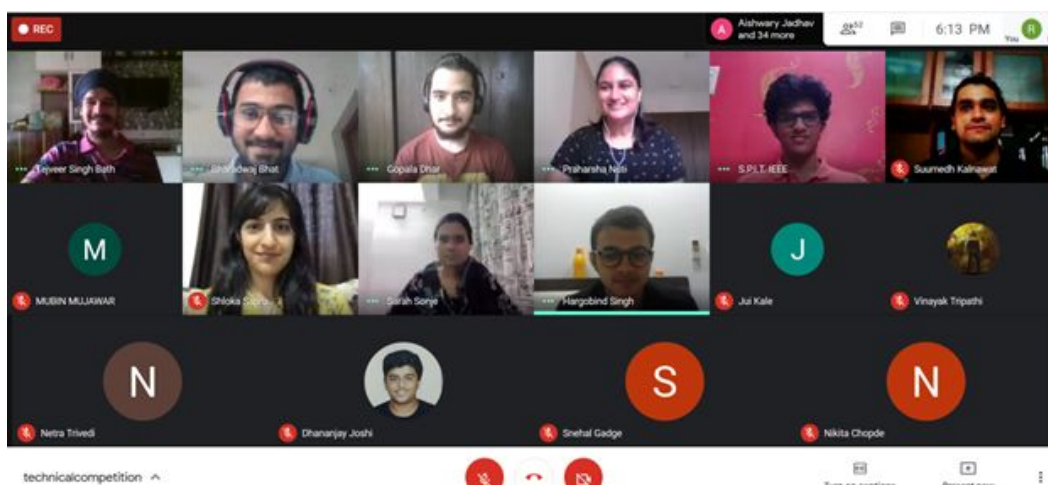
Speakers:

1. **Shloka Sapru:** Technology Analyst at Morgan Stanley and SIH, 2018 Winner.
2. **Sarah Sonje:** Smart India Hackathon(SIH),2019 Winner and Software Development Engineer at Amazon.
3. **Gopala Dhar:** TI 2018 Winner and E-YANTRA 2018 2nd runner up.
4. **Bharadwaj Bhat:** TI, 2018 Winner and Co-founder at KRED Robotics.
5. **Tejveer Singh:** Second runner up at E-YANTRA, 2017 and TI , 2018 Winner.
6. **Suumedh Kalnawat:** Winner at TI 2018, Action Research Project(ARP) 2019 and Techfest- International Robotics Challenge, 2016 and Co-founder at KRED Robotics

Event Summary:

Recognizing the growing doubts and queries arising in the minds of students graduating to their next year regarding technical competitions, IEEE SPIT organized a Panel Discussion on the same, with 6 very talented individuals, in an attempt to guide the curious minds. The event started off with a brief introduction to tech competitions like Texas Instruments, Smart India Hackathon, eYantra and IEEE Xtreme, and their significance in highlighting one to stand out. Beginning on a very informative note, Sarah Sonje and Shloka Sapru started the discussion with their presentation on software hackathons. Very smoothly, they highlighted the exact meaning of a hackathon, its duration and the various steps involved in it. It was brought to light that hackathons generally consist of 3 kinds of questions, which are, problem solving, theme oriented and tech stack oriented. The importance of team spirit, mutual understanding and cooperation and having Unique Selling Points (USP) was highlighted beautifully by the duo. Moving on to the problem statements, factors involved in their selection, solution building, pre elimination round, onsite evaluation and the importance of incorporating constructive feedback were equally discussed informatively. While their presentation moved towards the end, the floor transformed into a very interactive session between the students and the panelists where doubts arising in the minds of Second as well as Third years were cleared out concisely. Next in line, Bharadwaj Bhat, Tejweer Singh, Gopala Dhar and Suumedh Kalnawat enlightened the students with their knowledge about hardware hackathons as well as other technical competitions like eYantra, Texas Instruments and Robocon. Their discussion involved the important points of the competition agenda, various technical competitions wherein some of the competitions are also job and internship oriented and tips for choosing a compatible team, the right mentor and most importantly, having patience. The floor was again opened to questions and answers, where many students actively participated with their queries and got their doubts cleared about the competitions that they were interested in, including technical ones as well as ideation ones. The lively and informative discussion came to an end with Praharsha Nuti, The Chairperson of IEEE SPIT, offering a vote of thanks to all the panelists and participants for their presence and cooperation.

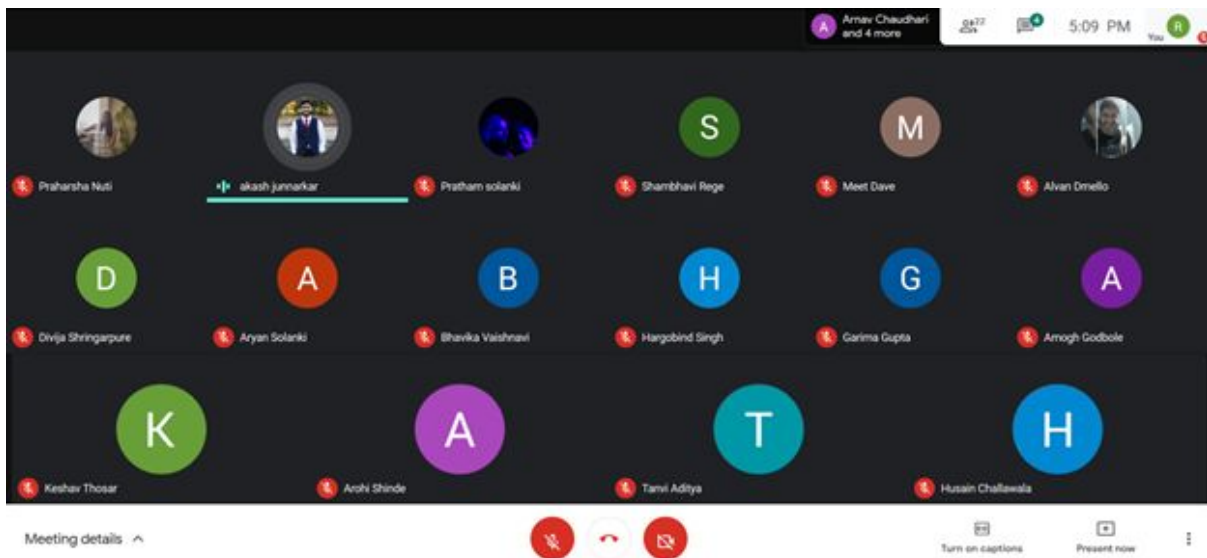
Instagram Link: <https://www.instagram.com/p/CDBw4wKnTFf/?igshid=mrobcblqkfie>



5. Felicitation of 2019-20 Committee

On a pleasant Saturday evening, the team of 2020-21 of IEEE SPIT organized a brief online felicitation ceremony in order to honour the core coordinators and subcommittee members of the team of 2019-20. The event began with Bhavika Vaishnavi, the current Head of Finance, inviting Akash Junnarkar, Chairperson of IEEE SPIT 2019-20, to give a short speech and address all those who were gathered there. Akash expressed his gratitude to all the members for working hard and making the events of 2019-20 a huge success. Next up, the Vice Chairperson of IEEE SPIT 2019-20, Shambhavi Rege, was called upon, who very gracefully appreciated each and every member for being a part of the team and going an extra mile each and every time. Shambhavi was then followed by L Sreekar, the Head of Finance and Parth Shinghala, the Technical Head of IEEE SPIT 2019-20, who thanked all the members for cooperating and contributing towards the growth of the committee. The closing of the previous year core committee address was done by Praharsha Nuti, former Head of PR and current Chairperson, who thanked each and every person for being amazing team players. The certificate presentation began with felicitation of the core coordinators followed by the subcommittee members of 2019-20, where each and every member expressed their deepest gratitude to the core committee of 2019-20 for giving them a chance to be a part of the team along with giving them a beautiful learning experience.

The first ever subcommittee and core coordinators' felicitation ceremony came to an end with a vote of thanks and appreciation to everyone for their kind presence.



6. Webinar on IEEEExtreme



Speaker:

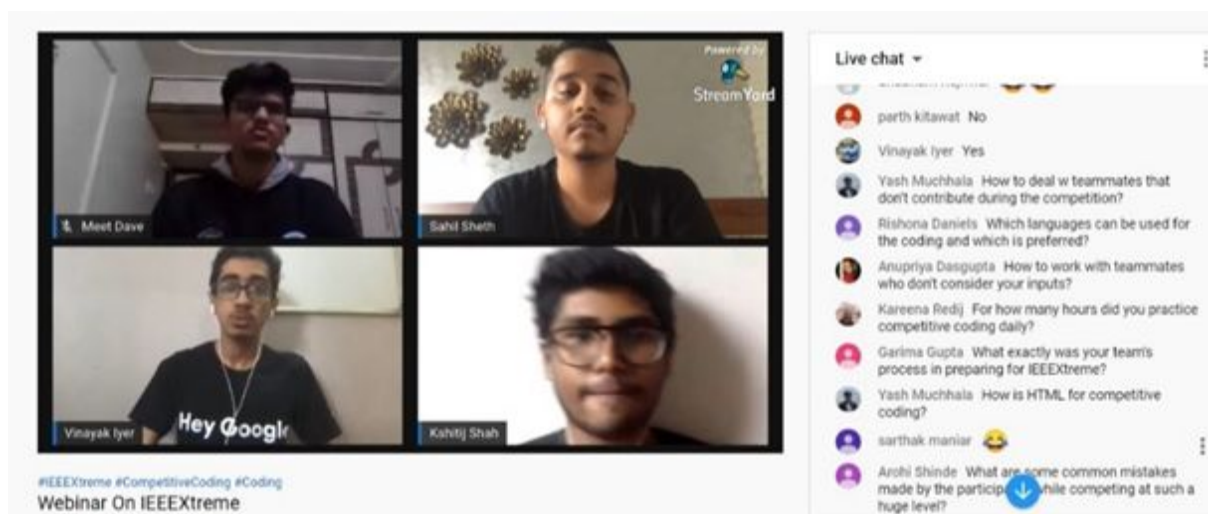
Sahil Sheth, Kshitij Shah and Vinayak Iyer, are students of BE IT who have secured AIR 16 and Global Rank 213 in IEEEExtreme in 2019.

Event Summary:

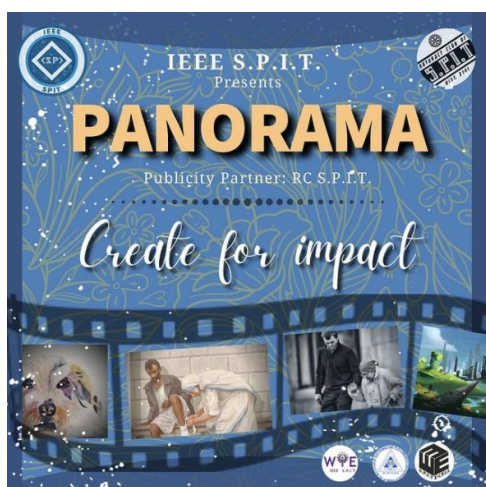
IEEE SPIT, keeping in mind the doubts students might be facing about IEEEExtreme, organized an interactive webinar on the topic. Meet Dave, Vice Chairperson of IEEE SPIT, started off the event with a brief introduction to what IEEEExtreme is, what is the footfall one must expect and welcomed Vinayak Iyer, one of the panelists, to begin the discussion. Vinayak imparted his knowledge on what competitive coding exactly is, why it is important and what role team work plays in it. He further added on how IEEEExtreme takes place in terms of when the problems statements are released, what role relative scoring plays in it and how it works as a starting point of taking part in hackathons. Vinayak then welcomed Sahil

Sheth to continue with the discussion where Sahil was seen speaking about when the event starts, how their experience was, difference between competitive coding and hackathons, display of live leaderboard in IEEEExtreme, importance of division of work between all the teammates and the most important, he encouraged everyone to enjoy the event, stating it to be one of its kind. Adding to Sahil, Kshitij briefed about what they learnt from the competition which included an idea about how much one needs to prepare. He also termed this competition as a platform where he understood his and his teammates coding abilities, team work capacity and how a good rank in IEEEExtreme reflects on how good one's coding skills are. Further, they even added on how working on parallel solutions turns out to be useful, importance of taking breaks in between to clear one's mind and various platforms where one can practice competitive coding. Simultaneously, attendees expressed their doubts and questions as well, as a result of which the panelists also spoke about preferred languages, ease of using them, how to manage time, common mistakes made by them, importance of taking competitive coding as a marathon and not a sprint and a brief insight on what time complexity means. The end of the interactive webinar witnessed IEEE SPIT's Vice Chairperson expressing gratitude towards the panelists as well as them thanking IEEE SPIT for giving them this opportunity and ended the webinar by expressing their excitement for this year's IEEEExtreme as well.

Instagram Link: <https://www.instagram.com/p/CD5zml5Hg9m/?igshid=189z9l5bne243>



7. Panorama



Event Summary:

Creative Artforms bring out the best of the people and so this event was organized in collaboration of RC SPIT in light of World Humanitarian Day and World Photography Day. The main objective of the event was to bring about the creative inner side of the people to the world. We started accepting various artworks in the domain of photography, sketching, graphical illustrations, short videos and painting through emails. On August 22, 2020 after the immense entries, the registrations were closed and then Mrs. Mosmi Shah started judging all the amazing artworks to find the best among them. Finally, on --- the winners were announced on the social media page of IEEE SPIT and RC SPIT pages along with the images of their artworks. In all the event was a great success.

Instagram Links: <https://www.instagram.com/p/CD80JCVnFfp/?igshid=1ecci34vo3pc9>

<https://www.instagram.com/p/CESFoQPHGqj/?igshid=l9rvfvp8ahxm>

8. Teacher's Day Celebration

Event Summary:

On the occasion of Teacher's Day, IEEE in collaboration with the Student Council organized a fun event for all the Professors. The event was hosted by Siddhesh and Muskan Sahu. Muskan and Praharsha welcomed the teachers and acknowledged their contribution and expressed gratitude to them for working tirelessly to keep our academics running smoothly.

The event began with a beautiful performance by Aditya Harsora who played Kal Ho Na Ho on the keyboard. Then Siddhesh soulfully sung a mashup of nostalgic songs that was mesmerizing to listen to. Then it was time for the teachers and students to switch roles with the games. The teachers were divided into 4 groups and they had to complete 4 "lab experiments", each with multiple problem statements and were allowed "marks" based on their answers.

The games included Virtual Music Lab where the teachers had to guess Hindi songs from the English translation of their names. The 2nd game was Main Hu Main Hu Emoticons in which they had to guess the names of the song from a sequence of Emoticons. Then was Audio Video Mix in which the video of one song was played with the audio of another song and the teachers had to guess the names of the song in the video. The finally was jumbled movies where the names of movies were jumbled and they had to guess the movie.

Finally, Muskan gave a vote of thanks. The session was very refreshing for all the teachers and they enjoyed it very much.

9. XtremeOverflow



Xtreme Overflow was a 5 week long competitive coding competition that aimed to prepare participants for IEEE Xtreme. The competition consists of 4 coding challenges followed by a 6 hour long Grand Finale. Webinars were also conducted each week by experienced industry professionals to guide participants along the way.

Student Branches Involved :

1. IEEE Sardar Patel Institute of Technology (Mumbai Division)
2. IEEE A.P. Shah Institute of Technology (Mumbai Division)
3. IEEE Thakur College of Engineering and Technology (Mumbai Division)
4. IEEE Vidyalkar School of Information Technology (Mumbai Division)

5. IEEE BITS Goa (Goa Division)

In total, there were 3 webinars, 4 codings competitions and a 6 hour long grand finale spanning 5 weeks. Xtreme Overflow was a massive event with over a hundred participants all with the aim of learning and practicing coding. The event provided the perfect opportunity for students to practice for IEEE Xtreme. They not only practiced but also learnt fundamental concepts like algorithms. The event was a great experience for both the participants as well as the organizers.

Instagram Links: <https://www.instagram.com/p/CEeWiTOHyD5/?igshid=1c1uwu60qng30>

<https://www.instagram.com/p/CEjDCbTHi5B/?igshid=1ooikq7oi2d6e>

<https://www.instagram.com/p/CEjD1m2HHbR/?igshid=15d5t7gb87wxo>

10. App It Up



App It Up was a two part event consisting of a webinar on the introduction of app development followed by an app development competition where participants had to develop applications based on the provided problem statements. They were assigned mentors as well to guide them.

Speaker: Mr. Sudarshan Bhatt is currently working at Tata Consultancy Service INDIA, Mumbai as I.T Analyst (Android Developer) and Technical Lead for HDFC Mobile Banking App. He has 7 years of experience in Android App Development.

Event Summary: The event began with the introduction of the speaker by Garima. Then Mr. Bhatt began by explaining the different types of applications. He explained what are native, cross platform, hybrid and web applications. He spoke of how to get started with app development and also spoke of Android Studio. He next spoke of some useful tips for beginners. He spoke of the huge demand of application development due to the banning of

Chinese Apps by India. He explained about the various languages that can be used for app development and their advantages and disadvantages including Java and Kotlin. He briefly spoke about IOS App Development as well. He discussed about Flutter vs React Native and how to incorporate IOT and AWS in applications. He shared various resources to get started with app development and also encouraged people to use StackOverflow to clear their doubts. This was followed by a very interactive question and answer session.

Instagram Links: <https://www.instagram.com/p/CErFRkmnqzC/?igshid=juybd8cu4js1>
<https://www.instagram.com/p/CE6O30hHmUL/?igshid=1lzj63kih9gjj>
<https://www.instagram.com/p/CGpSmlany9L/?igshid=fzwn4zwuggu2>



11. Panel Discussion on Building Your Own Brand

S.P.I.T and IEEE Bombay Section Jointly announces

PANEL DISCUSSION ON

BUILDING YOUR OWN BRAND

.....

Wondering on how you can build your Brand on Social Media?
We have something just for you!

20th September, 2020
Sunday
5:00pm IST

IEEE BOMBAY SECTION

Registration link:
<https://rb.gy/xdhuxk>

Speakers:

- 1) Mr. Pankaj Sikka : Mr. Pankaj Sikka runs his own Brand Consulting agency, working with various entertainment and corporate brands on growth and brand expansion.
- 2) Mr. Malhar Potnis : Mr. Malhar Potnis is the founder of Marks Allied Services, a marketing company that has served more than 100 startups and SMEs in the domain of Social Media Marketing.
- 3) Prof. Mohuya Chakraborty : Prof. Mohuya Chakraborty presently holds the post of Dean (Faculty Development) and Professor of the department of Information Technology, Institute of Engineering & Management (IEM), Kolkata.
- 4) Prof. S.K. Ramesh : Prof. S.K. Ramesh is a Professor of Electrical and Computer Engineering at California State University, Northridge, and Director of the AIMS2 program supported by the US Department of Education.
- 5) Prof. Kiran Talele : Prof. Kiran Talele is an Associate Professor in the Electronics Engineering Department of Sardar Patel Institute of Technology, Mumbai. He is also incharge of IPR Cell of Sardar Patel Institute of Technology.

Event Summary:

The discussion began with Prof Kiran Talele giving a brief introduction of the speakers. Prof Mohuya Chakraborty then began explaining the importance of personal branding and how one can go about it. She stressed on how important it is to have a presence on social media, on various platforms like Facebook, Twitter and LinkedIn. She also mentioned how knowledge sharing platforms like Quora can help in personal branding.

The discussion was then carried forward by Mr. Pankaj Sikka. He explained how personal branding is all about bringing ideas to life. He also explained how a person's personality can be converted into the person's brand. As the discussion was focused on academicians, he talked about how academicians can establish their brand very well, through various opportunities, like government grants and aids provided to them for research which could be beneficial for the society. People would know a person better if the grant is utilized for public benefit. He also talked about how learning should not be limited to the classroom.

Mr. Malhar Potnis began by talking about a personality on youtube, who provided insights into how his business failed initially, but then became successful later on in life. In this manner, Mr. Potnis put across the point that anything that adds value to someone else will help in achieving personal branding. He explained how teachers are natural influencers, and possess a small advantage over other professions, as they have students who can help them build their personal brand. He then narrated the story of a school teacher, and how she built her personal brand. The story provided great insights, and gave a practical example of how an academician may implement all the methods to build a personal brand.

Prof. Talele then presented a video of Prof. S.K. Ramesh, a Professor of Electrical and Computer Engineering at California State University, Northridge and a 2021 IEEE President-Elect Candidate. Prof Ramesh through his video gave a few insights on how he built his personal brand. He also talked about his vision for India. He then explained how academicians can leverage global resources like IEEE programs, to build their brand. The discussion concluded with a question and answer session.

12. Project Innovation Challenge



Project Innovation Challenge was an online competition, encouraging students to innovate and come up with feasible and creative solutions, along with business ideas combatting real-world problems. Participants could choose any domain, for example, energy management, agricultural solutions, blockchain technology, and present a solution for a particular problem under that domain.

The competition comprises two parts:

The Qualifying Round: Contestants were required to submit a one-page description of their solution to the problem statement.

Presentation Round: The teams qualified for the final round gave a presentation to a panel of distinguished members with a formal code of conduct.

Judging Criteria included Feasibility, Scalability, Impact, Innovation, Marketing Opportunity and Competitive Advantage

Nearly 30 teams participated and out of them the top 10 were selected for the Presentation Round. All the ideas presented were very innovative and the event was enjoyed by all.

Instagram Links: <https://www.instagram.com/p/CE3ahnLHWqY/?igshid=pt98mydzn7hk>

<https://www.instagram.com/p/CGmENVoH614/?igshid=1j1qom964d7j0>

13. Webinar on Digital Marketing



Event Summary:

The speaker first explained what is digital marketing. Usually it is assumed that digital marketing is bringing sponsors or putting up posts on social media. However, in reality, digital marketing includes social media marketing, graphics design, content marketing, etc. A common misconception is that doing courses and certifications in digital marketing will help a person get into the field. However, that is not the case. According to the speaker, the best way to learn digital marketing is to implement digital marketing on your own and try out things. The speaker gave the example of his own Youtube Channel and LinkedIn. He spoke of the critical importance of LinkedIn and how to create engagement on these platforms. He spoke of blogging, short form posts, keyword search, etc. He also spoke of the importance of using Social Media Analytics. This was followed by a very interactive Question and Answer session.

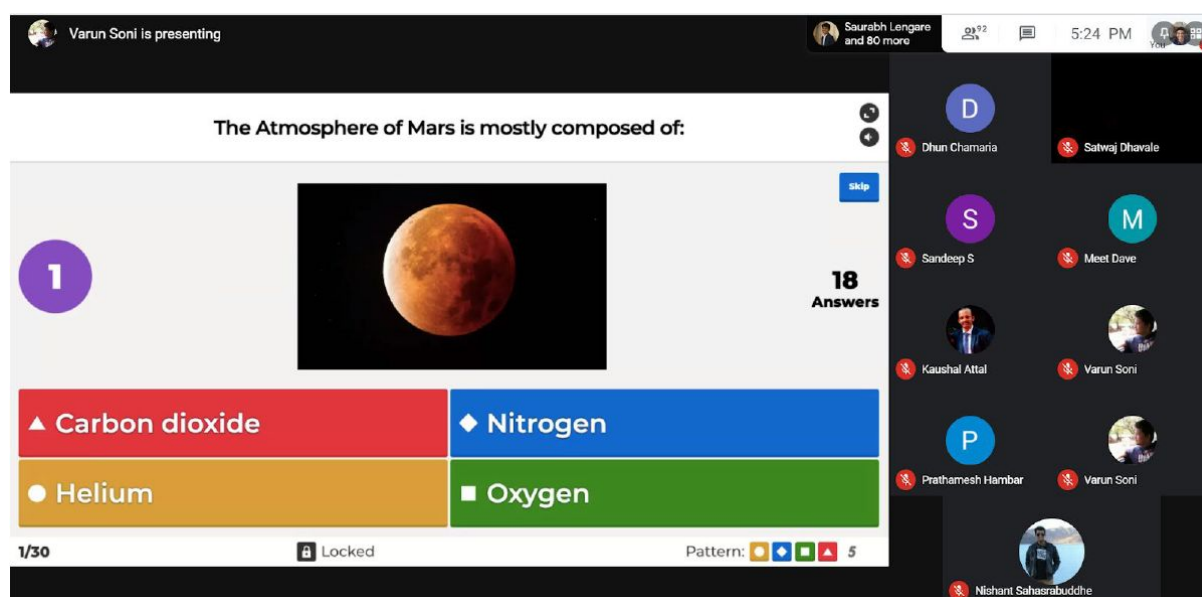
Instagram Link: <https://www.instagram.com/p/CGDHndpHHY3/?igshid=d74hwnpgrbnb>

14. IEEE Day 2020 Competition



Event Summary:

On the occasion of IEEE Day, IEEE SPIT along with IEEE VIT and IEEE APSIT conducted a competition for students of the three student branches. The event began with a brief introduction about IEEE. The participants were then briefed on the various rounds and rules of the competition. The competition also consisted of a round zero conducted on google meet, the winners of which were given a head start. The remaining three rounds were conducted over whatsapp. The winners of the competition received cash prizes. The participants enjoyed the event and gave their respective feedback after the event.



15. IOT In Healthcare



Speaker: Dr Y. S. Rao is the Vice Principal at Sardar Patel Institute of Technology, Andheri. He has completed his PhD from IIT Bombay and both M.E. as well as B.E. in Electronics Engineering. Furthermore, Dr Rao has published numerous papers pre and post his PhD. His spectrum of interests consists of Embedded Systems, Digital Power Electronics, VLSI design and Wireless Sensor Networks.

Event Summary: The session started with the question of what problems are we facing due to this pandemic. A brief introduction of what exactly was the Internet of Things and the various applications of IoT in day to day appliances and industry were given. The event took an interesting turn when the Speaker discussed the difference between the healthcare systems in India as compared to those in the developed countries. A major emphasis was given on the affordability of the technology than sophistication for a country like India. Moving on with the event, the general life cycle of a product, like the rise and fall in demand for a product, was discussed. Reaching the end of the talk, questions were asked by the participants and the answers were delivered with equal energy by the Speaker.