



As a part of the second phase of the Induction program held for the first-year students, BMSCE IEEE SB organized a webinar, “Becoming Visionaries” to highlight the importance of vision and values in a student’s life. It was held on the 18th of May, 2021. The webinar began at 3 PM in the afternoon and was hosted on the Cisco WebEx platform.

The speaker for the session was Mr. Vishal Gautam, the Senior Director of Engineering and Site Managing Director at Zscaler. The speaker has had about 10+ years of experience and has contributed immensely in bringing Zscaler to its present glory.

The session started off with a welcome speech and the speaker’s introduction delivered by Mr. Pradyun Naik A. Mr. Vishal Gautham began the session by speaking about Zscaler. Following which, he had emphasized the necessity of having a clear goal for achieving success in life. He also added that resilience and hard work were also crucial to achieve one’s goal. He had an interactive session with the students during which he explained the importance of values in one’s life. To justify his points, he took the examples of various visionaries, which included Bill Gates, Steve Jobs, and Jay Choudhry.

Lastly, the speaker answered the questions posed by the audience in a very interactive Q&A session, which was followed by a vote of thanks. The session lasted for an hour and a half, till 4:30 pm.

The session went on smoothly with good coordination and active participation by the audience. The session was found very informative and lively.

Date: 19th May 2021

Report by:

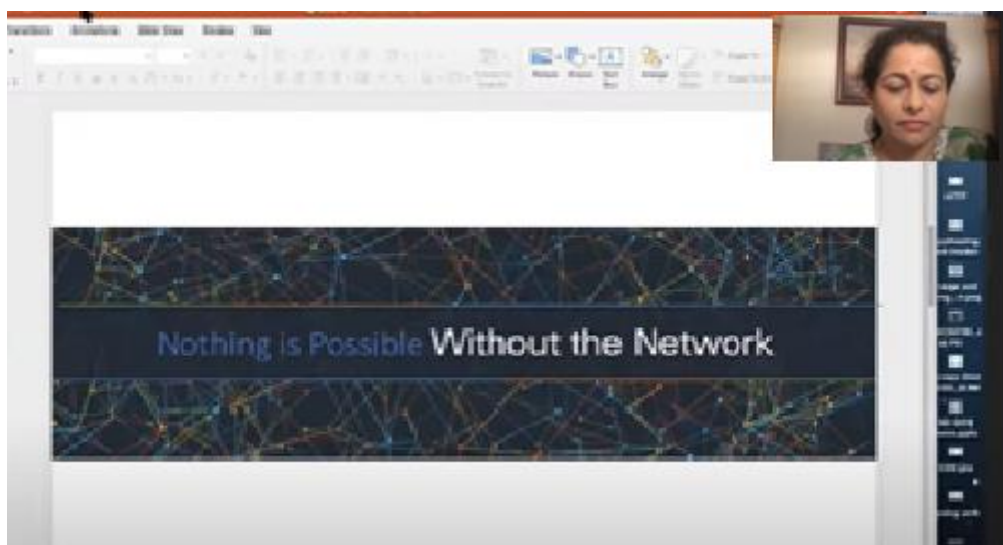
Chaitanya S

Secretary

BMSCE IEEE SB

DISAGGREGATION OF HW AND SW IN NETWORKING-TRENDS

6th JULY 2020



Under BMSCE & NCET IEEE Student branches, a webinar was organised on the topic 'Dis-Aggregation of HW and SW in Networking – Trends'. The webinar was held on 6th of July 2020 at 10 AM. The Webinar was conducted using the Zoom platform and Youtube broadcast. Dr. Rajeswari Hegde (Professor, ETE dept BMSCE Bangalore) and Dr. Mamta G (Director, Training & Placement, NCET Bangalore) were the coordinators of the event. Ms. Sushma Srikanth (Senior Director, CISCO US) was the speaker of the webinar. Around 212 Faculty and students from colleges across the country participated in the webinar, with 153 IEEE Members and 59 Non IEEE Members.

The webinar started with a welcome note by Dr. Rajeshwari Hegde and Dr. S G Gopala Krishna (Director Nagarjuna Educational Society). Rahul Krupani (Student of BMSCE) introduced the Speaker Ms. Sushama Srikanth who is very well experienced in technologies like Embedded and Application software development with a proven track of customer focus.

Ms. Sushama started the webinar with the megatrends in network and transformation in networking. The disaggregation of switch components were illustrated in detail. Following which, the speaker then talked about one of the main applications: Automation. Model based Automation, common management layer, Different stages/journeys of automation and Data science in network automation were some of the important topics discussed. The webinar ended with the conclusion preferring closed loop automation to open loop automation.

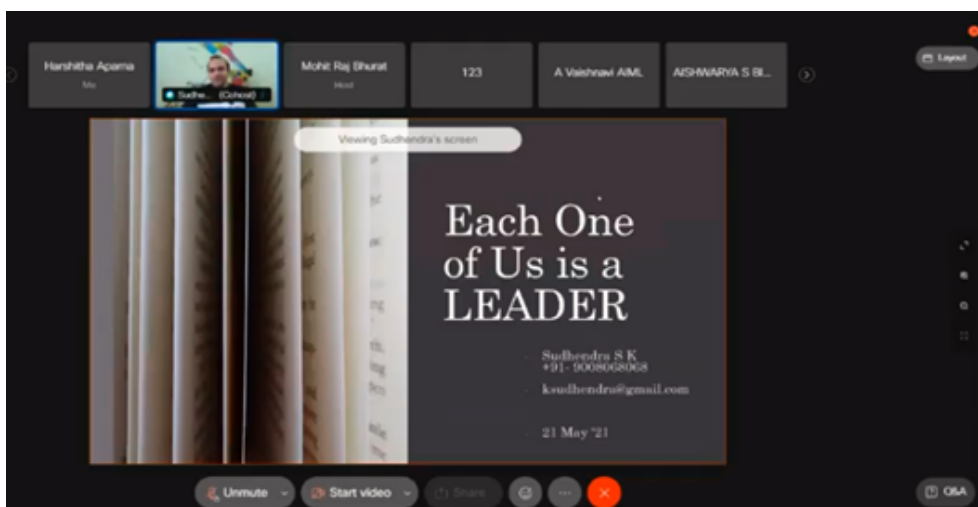
Following the Q&A session, Dr. Mamta and Dr. Srikanta Murthy K (Principal NCET) gave a vote of thanks and concluded the session.

Date: 6th July 2020

Report by:

Rahul Krupani

Vice Chair



“Each one of us is a leader” was a webinar conducted by BMSCE IEEE SB as a part of the second phase of the Induction Program held for the first-year students. It was held on the 21st of May, 2021. The session commenced at 4 PM in the evening and was hosted on the WebEx platform.

The speaker for the session was Mr. Sudhendra S K, Assistant Vice President of Accenture Consulting, Bangalore. He has had 20+ years of experience in the field of Training, Learning & Development in major IT industries.

The session began with introducing the speaker to the audience by Ms. Niharika PV. Following his introduction, Mr. Sudendra held a small ice-breaking session wherein he asked the participants to put forward their definition of a leader. He analyzed each of the participant's answers and elaborated on their points. He then used various pictorial representations to show the participants the traits of a true leader and explained the differences between being a dictator and a leader. He gave practical examples of how leadership works in different situations. He cited famous personalities like Dr. A.P.J Abdul Kalam to portray the qualities a leader must possess. An interactive Q&A session towards the end of the session helped the students gain a clearer picture of leadership skills. The session was concluded with a vote of thanks.

The session took place for over an hour and was attended by 230 participants. Despite being a virtual meet, the participants were interactive and eager to learn more about leadership.

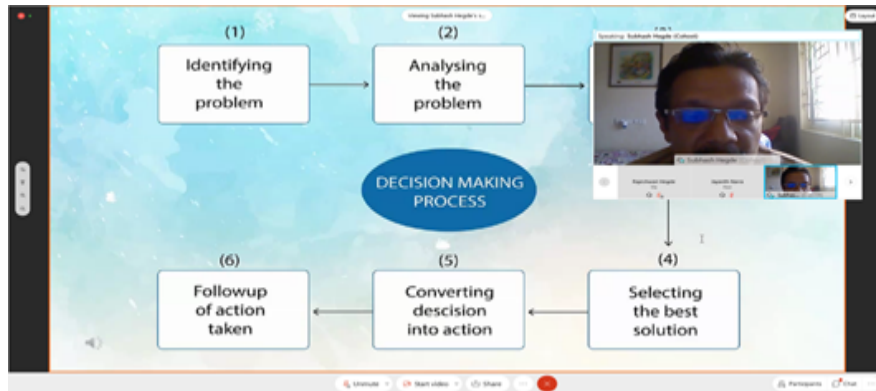
Date: 21st May, 2021

Report by:

Chaitanya B

Secretary

BMSCE IEEE SB



A webinar was arranged by BMSCE IEEE SB on the topic 'Effective Decision Making' to highlight the importance of decision making skills in an individual. The webinar was conducted by Mr. Subash Hegde on Cisco WebEx. The session had 450+ participants.

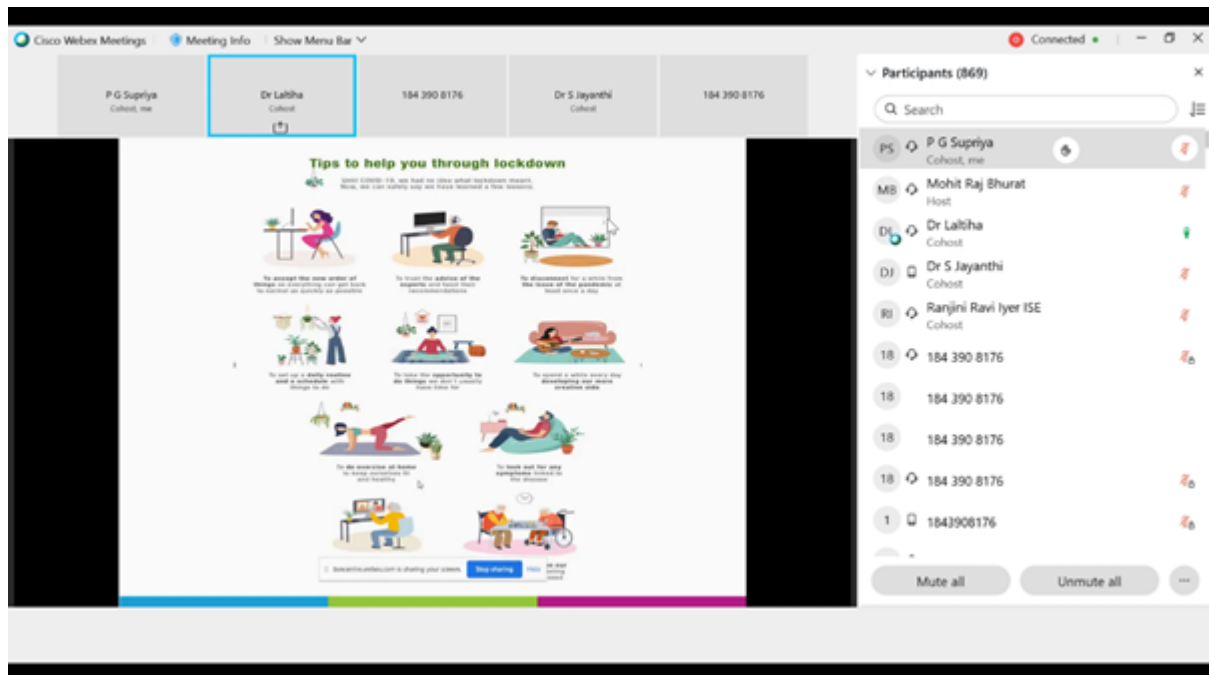
The session started off with the speaker's introduction followed by the speaker's address. Mr. Subhash energetically started by having an interactive session with the audience, discussing the day to day challenges that one faces in decision making. This interaction brought into light the lack of decisiveness among the youth today. After the preliminary talk, the speaker proceeded with his presentation. The secret to effective decision making was revealed bit by bit. From identifying the problem, analysing the problem, developing alternating solutions, selecting the best solution, converting decisions to actions to following up the action, everything was explained in a detailed manner with the help of flowcharts. He quoted time, situation and complexity should always be kept in mind before making a decision. At the end there was a Q&A session.

A total of 116 attendees attended the seminar. This included 40 non-IEEE members and 76 IEEE members. The session went on smoothly with the guidance of our branch counsellor, Dr. Rajeshwari Hegde. There was active interaction from the participants. The session was found very useful and lively. The session lasted for an hour, from 3:00pm to 4:00pm.

Date: 19th January 2021

Report by:

Ashwin Gupta
Joint Secretary
BMSCE IEEE SB



BMS College of Engineering in collaboration with BMSCE IEEE hosted the First Year Induction Program. The event was a week-long, where various renowned people were speakers and guided the students with respect to the dreams and aspirations, the obstacles faced in one's life, and mental and physical health-related topics.

“Healthy Diet and Exercise” was a webinar conducted as a part of the same on the 18th of May 2021. The session commenced at 3.15 PM in the afternoon and was hosted on the Cisco WebEx platform. The speaker for the session was Dr. Lalitha Priya.

The webinar began with a welcome speech and the speaker's introduction given by P G Supriya, from BMSCE IEEE SB. The speaker Dr. Lalitha Priya started off by speaking about how the pandemic had affected the routine lives that were previously led by the students. She went on to mention the way lack of physical exercise, which is vital for a healthy functioning body, is affecting the body. She elaborated on the effects brought by the changes in the eating habits, the cravings and emphasized how eating healthy was significant, especially during the time of this pandemic. She advised everyone to follow a balanced diet and guided the students on how to do the same. She advised everyone to try and adhere to a routine, to exercise regularly, and even suggested specific foods to be consumed for specific moods and needs. She suggested a few tips to help through a lockdown and the DOs and DON'Ts during the time of a pandemic. She concluded on the note that “Prevention is better than cure”.

Her talk was followed by a question-and-answer session, where she answered the questions of many curious students. This was followed by the vote of thanks.

The session went on for about an hour and was attended by several students including both IEEE and non-IEEE members. It was a very informative and interactive session and the participants made a resolve to make an effort to bring balance to their life and lead healthier lives.

Date: 18th May, 2021

Report by:

Chaitanya B

Secretary

BMSCE IEEE SB

The International Conference on Mainstream Blockchain Implementation, ICOMBI 2020 was hosted on the 21st and 22nd of February at B.M.S. College of Engineering.

The conference was held in association with IEEE, Global Engineers Forum (GEF) affiliated under International Enterprise Engineering Forum (IEEF).

The theme of the conference was "Challenges and Issues for Effective Governance". The conference witnessed multiple keynote addresses and a range of paper presentations by authors across academia and industries.

ICOMBI 2020 was sponsored by Hewlett Packard Enterprise (HPE) and Bosch. Multiple knowledge sources partnered up with ICOMBI 2020 such as B.M.S. College of Engineering, College of Engineering, Pune, Ramaiah Institute of Technology, JSS Academy of Technical Education, R.V. College of Engineering, IIE Bangalore Chapter, National Institute of Technology Arunachal Pradesh, Bangalore Institute of Technology, NITIE, SIT Tumkur and IIE. They also included industries such as Hewlett Packard Enterprise (HPE) and Nutanix.

The path to success of ICOMBI 2020 was lit up brightly by these visionaries, IEEE, IISc, IIMB, Vantage Agora, KSHEC, Accenture, Penn State University, USA and Brighton University, UK.

The keynote addresses were delivered by

1. Mr. Sanjeev Narsipur, Managing Director - Blockchain and Platform Advisory Global Practice Accenture India on "The Post-Digital Era is upon us- Are you ready for what's next?"
2. Mr. Krishna Prasad L. Shastry, Chief Technologist, India Advanced Development Centre, Hewlett Packard Labs and CTO on "Blockchain for Enterprise".
3. Mr. Krishnan, RBEI/ETS on "Enterprise Blockchain Governance Models."

The conference was attended by over 100 participants and 22 papers were presented. The Paper presentations were divided into 4 sessions. One paper from each session was awarded the Best Paper Award.

There were webinars from esteemed professors from Penn State University, USA and Brighton University, UK. These webinars shed light on the furthering research and developments in the field of Blockchain Implementation.

A cultural evening was also part of the conference. The Hamsanada group, a troupe of harmonica players presented beautiful musical pieces for the audience to enjoy.

The conference concluded on a high with the award ceremony for the winners of the BestPaper Award. The dignitaries also left the audience with a few words of wisdom and thoughts to ponder over.

The success of the conference was due to the efforts of the organising committee, Dr. B.Ravishankar - Steering Committee Chair, Dr. Dinakar - General/Finance Chair, Commander Srikanth - Technical Program Chair, Mr. K.S. Ravi Kumar, Sponsorship Chair, Dr. Abhishek M. Appaji - Publications Chair and Vishnudas - Organizing Secretary. The organising committee was supported like the backbone supports the body by HoD of ISE department, Dr. Dakshayani M., HoD of IEM department, Dr. Ramesh Nayak, the administration of B.M.S. College of Engineering and the student organising committee and volunteers

Date: 21st - 22nd February 2020

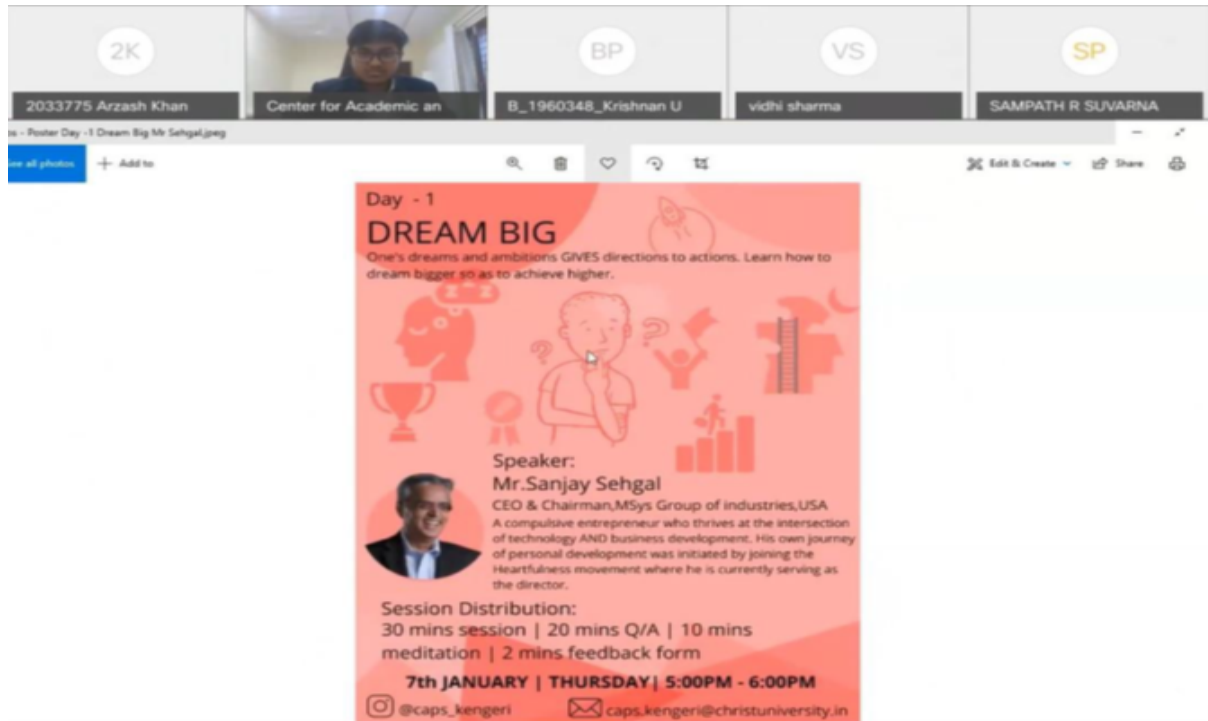
Venue: Auditorium 1

Report by:

Rahul Krupani

Vice Chair

BMSCE IEEE SB



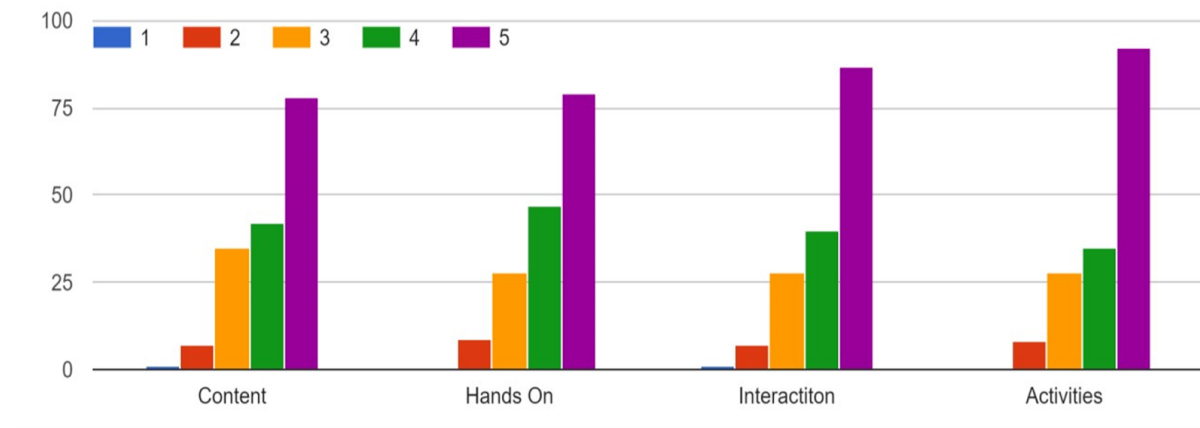
"2021 - Make it yours" was a three-day workshop conducted by BMSCE IEEE SB in collaboration with the Heartfulness organization and CAPS. It was conducted from the 7th of January to the 9th of January, 2021. The first session was conducted by Mr. Sanjay Sehgal on Cisco Webex Meeting. The theme of the initial session was "Dream Big".

Mr. Sehgal proceeded with a small ice-breaking session using the 'menti' platform, wherein he asked the audience various questions related to today's topic. The presentation centered around dreaming big, exercising your abilities to acquire new skills and overcome challenges, and making those dreams a reality.

The presentation was followed by a guided meditation for 5-7 minutes. At the end of Day 1 of the workshop there was a Q&A session which was moderated by Saharsh Pamecha. After which, Miss Rincy Daniel provided the vote of thanks along with a memento of appreciation as a token of gratitude.

The session took place for over an hour from 5:00 pm to 7:00 pm and was attended by 230 participants, out of which 145 were IEEE members and 85 were Non-IEEE members.

How satisfied were you with the content of the event?



From the feedback taken, all the activities on Day 1 went over smoothly. Despite being a virtual meet, the participants were interactive and eager to explore the idea of online meditation. There were very few technical glitches. The speaker was considerate, was willing to take on audience questions and provided a thorough and satisfying interactive experience

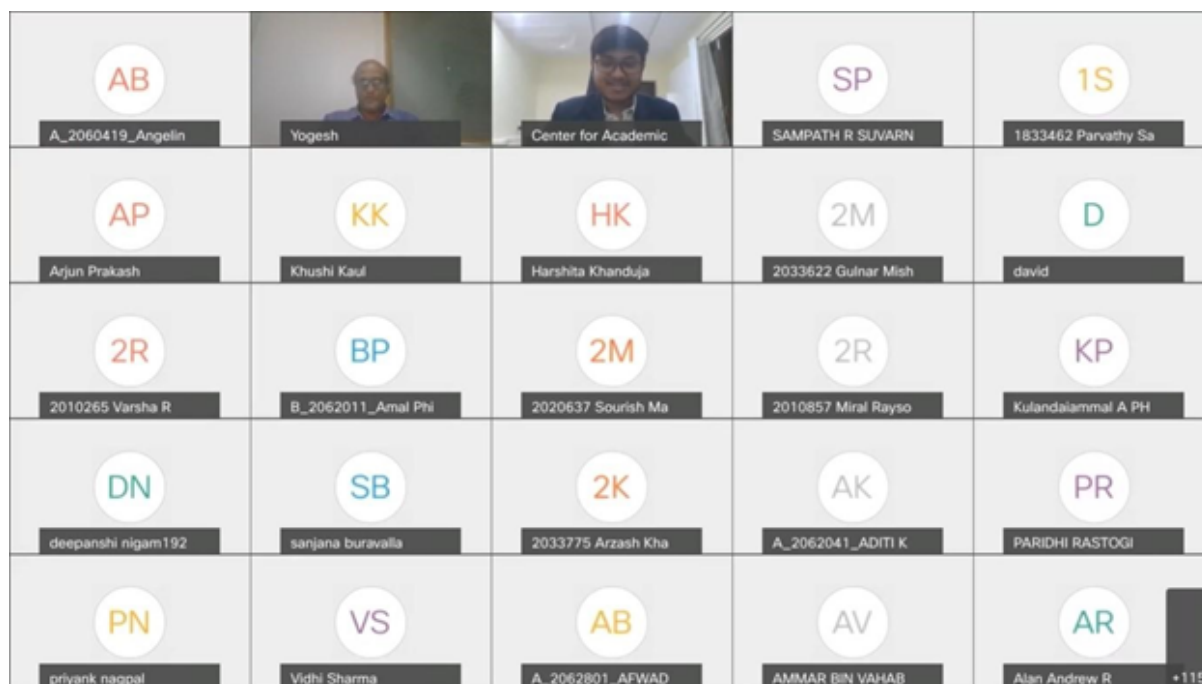
Date: 7th January 2021.

Report by:

Samartha S

Chairperson

BMSCE IEEE SB



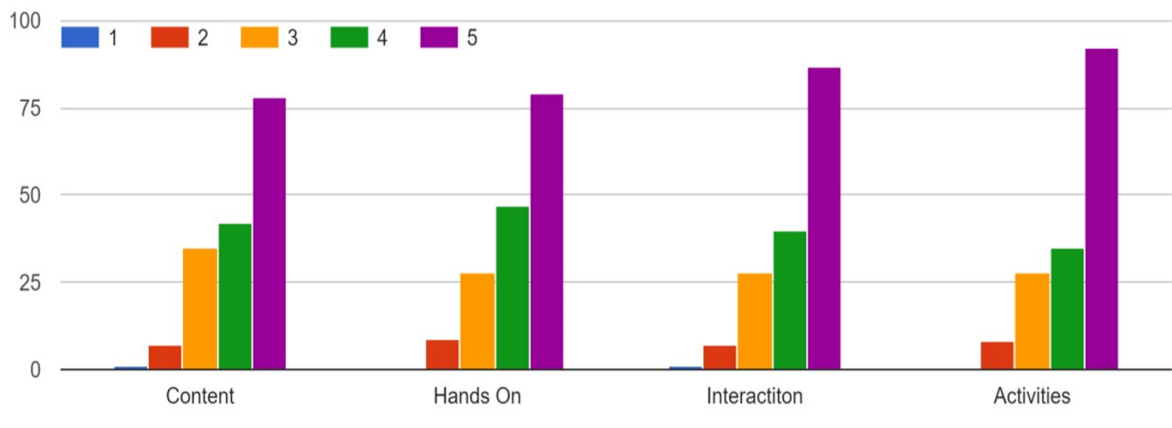
“2021- Make it yours”, a three-day online workshop was conducted by CAPS in collaboration with the Heartfulness Organization and BMSCE IEEE. The topic for the session was “Goal Setting”, presented by Mr. Yogesh Pathak.

Mr. Yogesh Pathak began by defining smart goals and the significance of establishing one. He went on to discuss the importance of developing the right mindset and proceeding through all the highs and lows with focus, determination, hard work, and vigour. He then proceeded with an interactive session with the audience discussing the concepts - ambition and aspiration, and shared multiple methods to practice the art of focussing with special attention to Heartfulness meditation.

Day 2 of the workshop was held from 5:00 pm to 7:00 pm and was attended by 155 participants, 104 IEEE members and 51 Non- IEEE members. The workshop saw enthusiastic participation by all attendees.

At the end of the presentation, he guided the audience through a meditation session, after which he answered the questions posed by the audience in an interactive Q&A session.

How satisfied were you with the content of the event?



Feedback forms were circulated at the end of the session. Majority of the students were satisfied with the content and the interaction. However, some students mentioned that the sessions were quite interesting and informative, hence, longer sessions would have provided more room for interaction. In conclusion, the session was a huge success.

Date: 8th January 2021.

Report by:

Samartha S

Chairperson

BMSCE IEEE SB



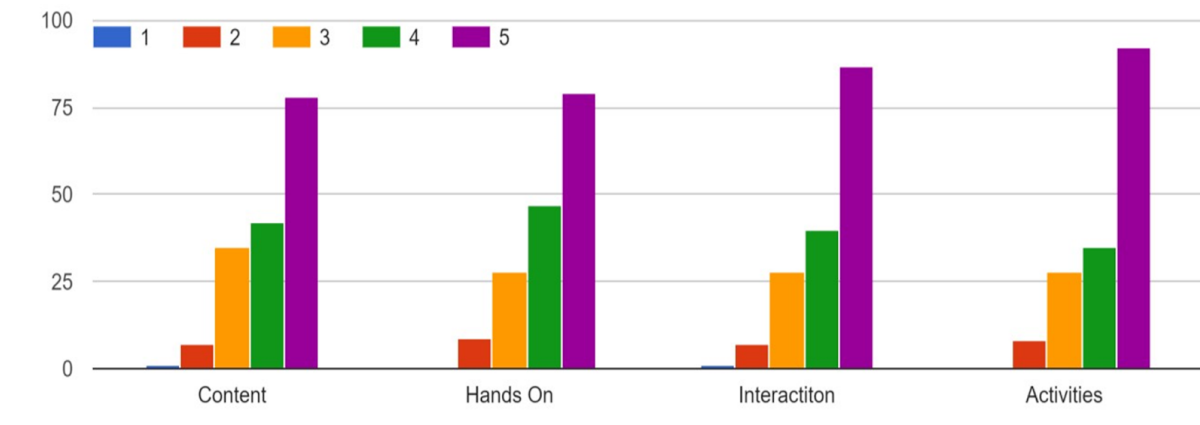
“2021 - Make it yours” was a three-day workshop conducted by BMSCE IEEE SB in collaboration with the Heartfulness organization and CAPS. The final day of the event was centered around the theme, “Decision Making”. The session was conducted by Mr. Subhash Hedge on Cisco WebEx. The webinar started with a small introduction about the speaker and a short meditation.

Dr. Gangadhar Eluru conducted heartfulness meditation after the speaker’s address and Anusha Tyagi gave a brief introduction about the keynote speaker. Mr. Subhash began with some interactive content, asking the attendees questions about decision making. He presented the different processes involved during decision making with the help of a detailed flow chart, introducing the HALT principle for effective decision making. The presentation was followed by a guided meditation for 10 minutes.

Then they moved on to a quick question-answer round. The attendees were asked to post their questions in the chat box. All the attendees had a clearer perspective on the concept of decision making. After the Q&A session, Rincy Ma’am provided the vote of thanks along with a memento of appreciation from the CAPS family, as a token of gratitude.

The session ended at 6:00 PM. In conclusion, all the activities on day 3 went well. Despite being a virtual platform, almost 130 attendees were a part of the workshop out of which 46 were non-IEEE members and 84 were IEEE members.

How satisfied were you with the content of the event?



The session had enough time for meditation-based exercises and the presentation. The interaction time was cut short due to the lack of time. Everything went on smoothly without any technical glitches.

Date: 9th January 2021.

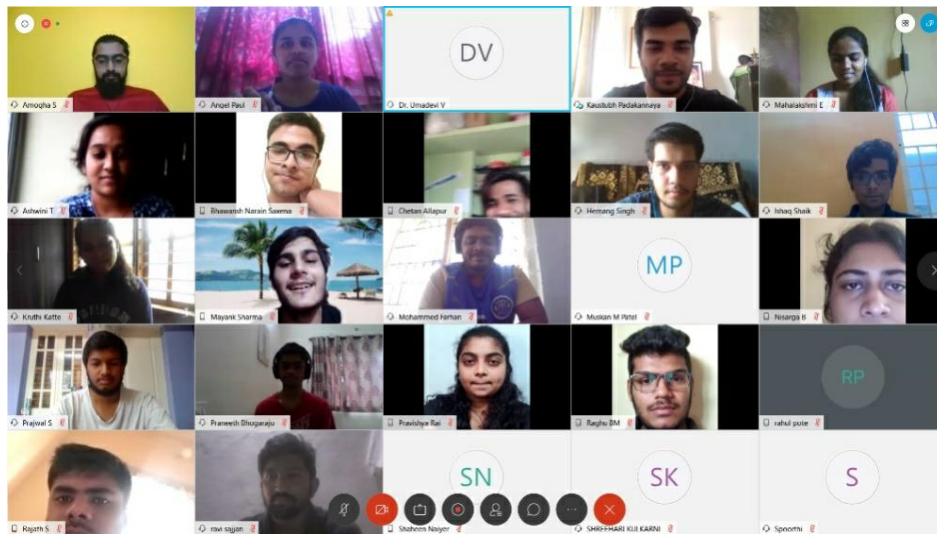
Report by:

Samartha S

Chairperson

BMSCE IEEE SB

ONLINE WORKSHOP ON “DESIGN THINKING” 18th JULY 2020



BMSCE IEEE, with The Department of Computer Science and Engineering in association with </CodeIO> organized a Pre-Hackthon online workshop on “Design Thinking” on 18th July 2020 from 2:30 PM onwards. The resource person for the workshop was Mr. Kaustubh Padakannaya who is the Co-Founder of a startupPyse.

This workshop was conducted for all the participants who have registered for the hackathon on “Sustainability” (24 hour online hackathon) to be conducted on 25th July 2020. Around 80 students from various colleges across the country attended the workshop, with 57 IEEE Members and 23 Non IEEE Members. Students from various departments such as CSE, ISE, Electronics and Communication, Telecommunication, Mechanical had registered. The workshop was conducted online through Cisco Webex platform.

This was mainly an activity based workshop where initially Mr. Kaustubh gave them an idea of the various phases in the Design Thinking process. Later, participants were asked to form groups and come up with a problem statement and various solutions possible based on the Design Thinking process. 45 minutes of time was given to discuss and come up with ideas. At the end of the workshop, few teams were asked to present their idea and suggestions for the same were given.

Feedback was collected online at the end of the session via Google Forms and overall participants said it was a useful session and looking forward to more such sessions.

Date: 18th July 2020

Report by:

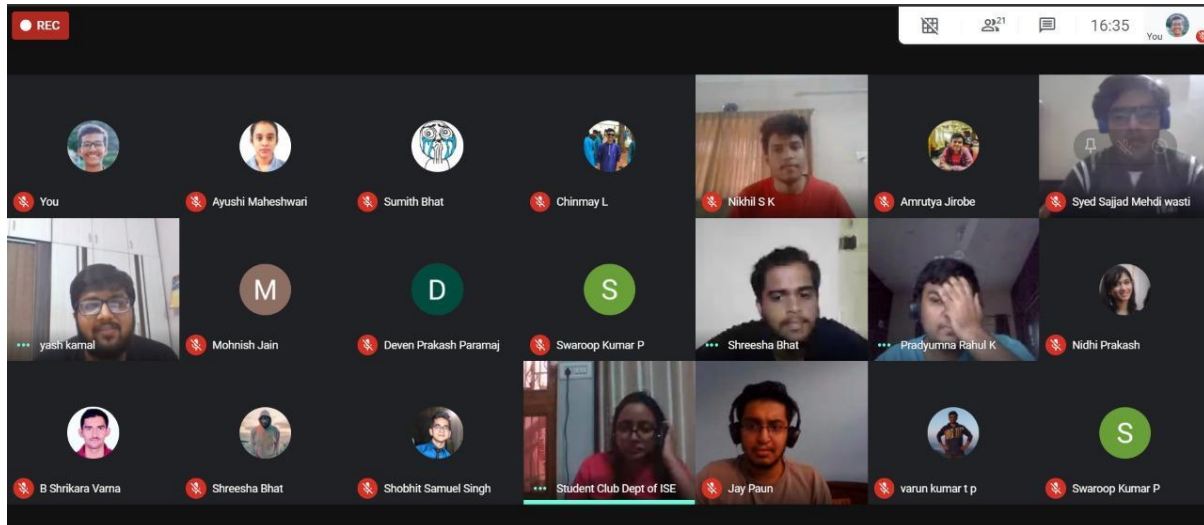
Rahul Krupani

Vice Chair

BMSCE IEEE SB

Ophthalmology Image Analysis

9th of October 2020



On 9th of October 2020, BMSCE IEEE organised a webinar on Ophthalmology Image Analysis in collaboration with the Medical Electronics and Electronics and Communication Department.

The talk was delivered by Dr Soumya Ramani, Associate Professor Department of Ophthalmology, Ramaiah Medical College. She highlighted the importance of systemic eye diseases and prevalent causes of blindness in an industrialised world. She tutored the students on methods for 2-D fundus imaging and techniques for 3-D optical coherence tomography (OCT) imaging.

31 students (21 IEEE members and 10 non-IEEE members) participated in this event. It was followed by a question and answer session where students clarified their doubts and understood the future research in this field.

Date: 9th October 2020

Reported By,
Surabhi H N
Student Activity Coordinator
BMSCE IEEE SB



BMS College of Engineering in collaboration with BMSCE IEEE hosted the First Year Induction Programme. The event was a week-long, where various renowned people were speakers and guided the students with respect to the dreams and aspirations, the obstacles faced in one's life, and mental and physical health-related topics.

“Path to Success” was a webinar conducted as a part of the same on the 18th of May 2021. The session commenced at 4.15 PM in the afternoon and was hosted on the Cisco WebEx platform. The speaker for the session was Mr. Kireethi Keshavamurthy.

The session started off with a welcome speech and the speaker's introduction speech given by P G Supriya, from BMSCE IEEE SB. The speaker began by giving a brief idea of the topic of the webinar. He then emphasized on how one should have a clear goal in mind in order to succeed. He mentioned that certain traits like positivity, attitude, and personality were essential to face the challenges one would encounter on their path to success. He emphasized on the fact that there was no shortcut to success, but there was always a smart way. He then elaborated on the various qualities required to succeed, like, communication, creativity, ethics, dreams and goals, etc. He concluded on the note “Accept you do not know everything”, and encouraged everyone to relentlessly pursue their dreams and never be ashamed to learn anything at any point of time.

After this, a question-and-answer session took place, where the speaker answered the questions of the curious students and guided them. This was followed by the vote of thanks.

The session went on for about an hour. It was attended by several students including both IEEE and non-IEEE members. The participants found the session to be very motivational and interactive.

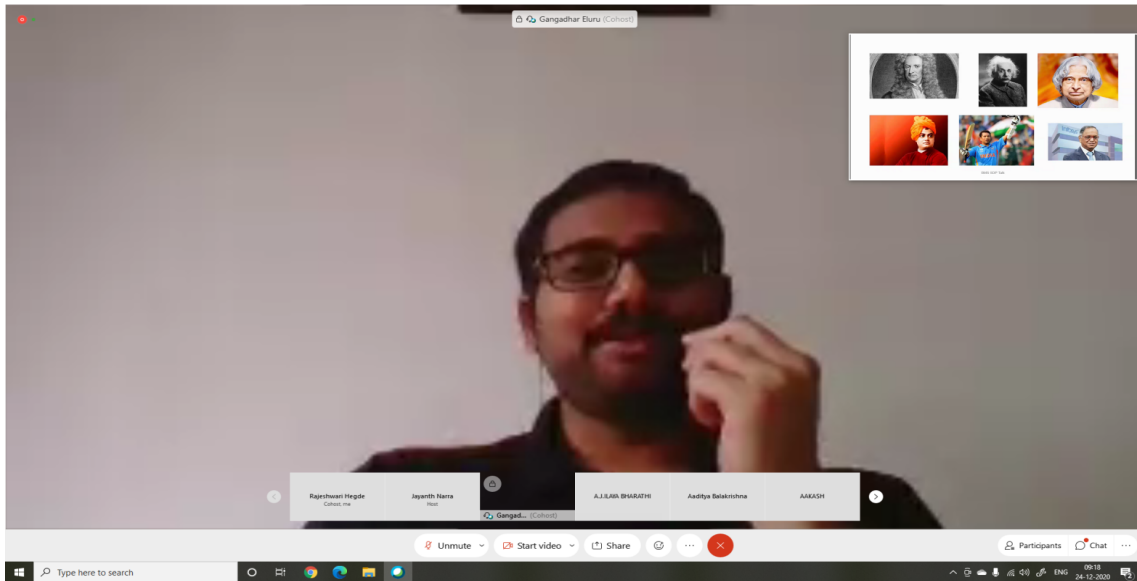
Date: 18th May 2021

Report by:

Chaitanya B

Secretary

BMSCE IEEE SB



A webinar was arranged by the BMSCE IEEE SB on the topic “Power of Thought Management” to highlight the significance of positive thinking. The speaker for the session was Dr. Gangadhar Eluru.

The speaker started off the session by conducting a small quiz on ‘Famous Personalities.’ The speaker inspired the participants with the life paths, key ideologies and the mindset of those famous personalities. The importance of perseverance and discipline was emphasised. The conclusion drawn from this was that it all lies in the ‘Thought process’ of an individual. As the session progressed, he guided the audience to make a few minor changes in their thinking and their approach to everyday obstacles, after which he answered the questions posed by the audience in the interactive Q&A session.

The session was held for an hour, from 9:00am to 10:00am on 24th December 2020. The session was held on Cisco WebEx, with 426 participants of which, 250 were IEEE members.

Date: 24th December 2020

Report by:

Surabhi H N

Treasurer

BMSCE IEEE SB



In view of the spread and the far-reaching impacts of Covid-19, B.M.S College of Engineering in collaboration with BMSCE IEEE organized the Second Phase of the Induction Program which included a series of webinars on topics that addressed the student's mental and physical well-being as well as their careers.

The first webinar, "Resilience in Crisis", was held on the 17th of May, 2021. The speaker for the first webinar was Mr. Ramesh Krishnan, Director at Intel Corporation, Bangalore. The session began at 2 PM in the afternoon and was hosted on the Cisco WebEx platform.

The event began with a welcome speech delivered by Ranjini Ravi Iyer followed by an inaugural address by Dr. B. V. Ravishankar, Principal of BMSCE, and Dr. S Jayanthi, Dean of First-Year Academics. The session then proceeded to the webinar. Mr. Ramesh Krishnan addressed the students' sense of worry, anxiety, and instability flawlessly through talks and breathing exercises.

He brought the student's attention to the importance of mental health and mental strength. Further, he suggested various methods of meditation and discipline to help one better adapt to life-changing events, cope with turbulent times, and bounce back from hardships with a stronger resolve and a deeper sense of empathy. The session then ended with a guided group meditation followed by a few words of advice and encouragement.

Despite being a virtual meet, the event saw excellent participation with over 750 attendees. The duration of the session was over an hour, from 2:00 pm to 4:20 pm. In conclusion, the event went smoothly and was a huge success.

Date: 23rd May 2021

Report by:

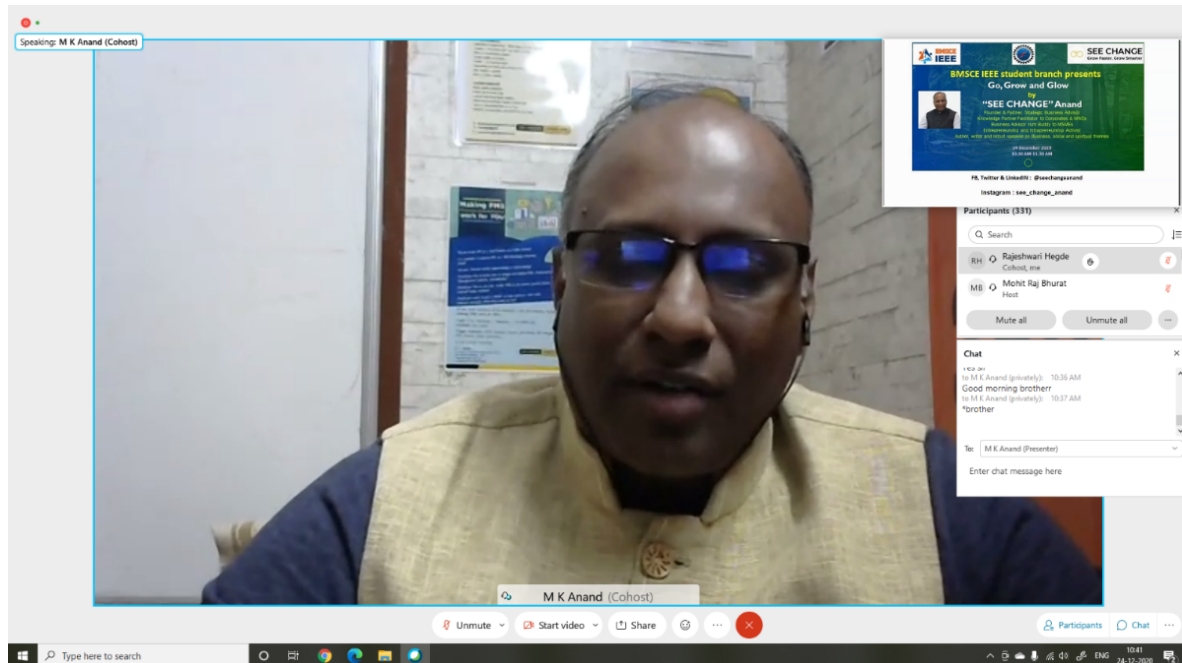
Chaitanya B

Secretary

BMSCE IEEE SB

Self development and development of others

24th December 2020



BMSCE IEEE SB conducted an online seminar on 'Self Development and development of self and others'. The webinar titled "Go Glow and Grow" was presented by M K Anand, the founder and partner of See Change. It was conducted on 'Cisco, WebEx'. His other roles include Business Advisor cum Buddy to MSMEs, Entrepreneurship and Intrapreneurship Activist out of many.

The keynote speaker started off by highlighting the low rates of employability of today's youth, the root cause being the lack of suitable skills industries look for like soft skills, individuality, to name a few. This is when he explained the importance of a leader in today's world. He, being an expert in the field of entrepreneurship and leadership, enumerated the different kinds of leaders there are. This helped the attendees identify the kind of leaders they are. Mr. M K Anand also gave a very detailed step-by-step plan on how one can recognize their strengths and harness them to the maximum potential. This motivated the attendees to work on their current skills and also develop new skills. He ended the session with an inspirational quote that encouraged the attendees to become better leaders.

A total of 125 attendees attended the seminar. This included 50 non-IEEE members and 75 IEEE members. A quick question-answer round was held after his presentation to give a clearer perspective about leadership. All the attendees enthusiastically participated in this interactive session. The presentation left them extremely motivated.

Date: 24th December 2020

Report by:

Samartha S

Chairperson

BMSCE IEEE SB

SHORT TERM TRAINING PROGRAM ON PROTECTION AGAINST PANDEMIC

8th JUNE 2020 - 13th JUNE 2020

IEEE BMSCE STTP on Protecting against pandemic-holistic ...



Dr Rajeshwari Hegde, Department of Telecommunication Engineering and Dr Vijayalakshmi K, Head, Dept. of Medical Electronics organized a one week STTP on “Protection against Pandemic-Holistic Approach towards Health” under BMSCE IEEE and IEEE-SIGHT.

Day 1 : The topic on Healthy Lifestyle was covered by Dr Vanaja, Professor at Sri Venkateshwara Institute of Medical Science, Tirupathi.

Day 2: The topic on “Integrated Breathing Techniques for COVID-19 related Breathing Complaints” was covered by Dr Senthil Kumar Raja Director Fitness Canada Physio and Massage Centre, Canada

Day 3: The topic on “Psychological and Spiritual approach to a pandemic” was covered by Dr Raghu K Consultant Psychiatrist Gleaneagles Global Hospital , Bangalore

Day 4: Yoga session and Chair Yoga Practice were covered by Dr Suhas and Ms Shobha Faculty Sheshadripurm Degree College, Heartfulness Yoga Trainer

Day 5: The topic on “Stress Free Living” was covered by Dr Gangadhar Eluru, Postdoctoral Fellow. Vrije Universiteit, Brussel, Belgium. The session concluded with a short relaxation and meditation session.

Day 6: Sound Therapy for health and wellbeing. Mina Sham, International Yoga and sound Therapist, Bangalore

Date: 8th-13th June 2020

Report by:

Rahul Krupani

Vice Chair

BMSCE IEEE SB

The IEEE student branch of BMS College of Engineering organized a webinar on “Stress Management” on 22nd May, 2021. The webinar was conducted as a part of the second phase of the Induction Program held for the first-year students and was hosted on the Cisco WebEx platform. The session commenced at 7 AM in the morning.

The guest speaker of the event was Ms. Raksha Bhide, a yoga therapist and research assistant at NIMHANS.

The program started with a formal welcome speech by Ms. Niharika P V, followed by a few words by Dr. Shivaram Reddy sir. After which, Ms. Raksha Bhide took over the proceedings. She started by listing the various causes of stress. She spoke about the symptoms of stress in an individual. She pointed out that stress does not affect our mind but also exerts a direct effect on our physical health. She even said that during these tough times of COVID, the only way to survive is by maintaining a good and strong immune system. A good and strong immune system can be achieved by a good diet, physical exercise, and reduced stress. Stress reduction can be achieved by taking small steps like performing simple yoga and taking breaks while working which show a big impact.

Towards the end, participants were given an opportunity to ask their doubts and queries which were answered by Ms. Raksha Bhide. This was followed by a few words of gratitude by Dr. Shivaram Reddy sir. The session was concluded by a formal vote of thanks by Ms. Niharika P V.

The webinar was attended by over 350 participants, including both IEEE and non-IEEE members. The participants found the session to be quite useful as it guided them in handling stress and remaining positive at all times.

Date: 22nd May, 2021

Report By:

Chaitanya B

Secretary

BMSCE IEEE SB

TALK ON HAM (AMATEUR) RADIO IN PRESENT TECHNOLOGIES

23rd JULY 2020



The year 2020 is the year where most of the days were spent indoors. With the aim of continuing the learning and keeping ourselves updated, an online webinar on "Ham (Amateur) Radio in present Technologies" by Dr. Shankar Sathyapal, Director, Indian Institute of HAMS was organized by the Department of Electronics and Telecommunication Engineering and BMSCE IEEE on 23rd July 2020 at 11 am. The webinar was coordinated by Dr Rajeshwari Hegde and Jathin Jain and attended by about 110 participants, 62 IEEE Members and 48 Non IEEE Members.

Dr B Kanmani, Prof and HoD of Electronics and Telecommunication Engineering department, BMS College of Engineering thanked the Bangalore Armature club for starting the HAM club in the department and its activities. The webinar was started with Dr Satyapal introducing what HAM is all about. Recognized by the Ministry of Communication and Information Technologies, HAM is commonly taken up as the hobby. Licensed HAMs are able to communicate with other HAMs across the globe, able to conduct radio experiments, can provide HAM communication network during the times of festivals like Mahamasthakabhisheka and sport events like national games and natural disasters.

Indian Institute of HAMs (IIH) being founded in 1993, Dr Satyapal spoke about the developments happening in the field, the do's and don'ts of HAM, and the activities conducted by the institute. He mentioned the use of software and the internet in HAM. He also demonstrated their service in the state in fighting against the COVID-19.

He briefed on the procedures required to become a HAM and introduced the young HAMs in the field. His interesting presentation motivated the participants to become the HAM and serve the country in various ways. The webinar concluded with looking ahead to more such activities and to take the HAM forward in BMSCE for mankind.

Date: 23rd July 2020

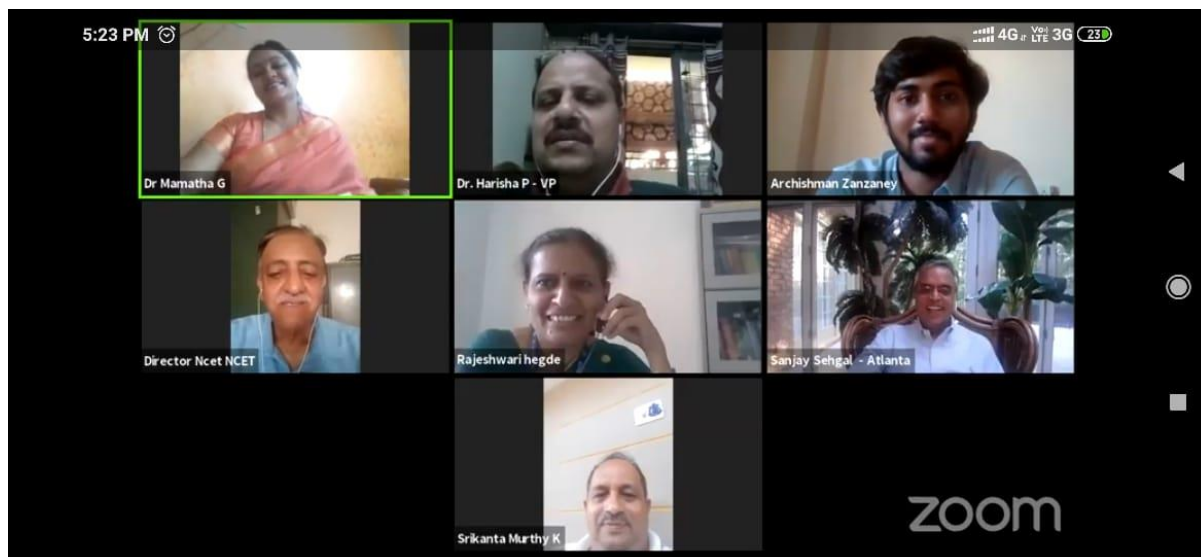
Report by:

Rahul Krupani

Vice Chair

BMSCE IEEE SB

TALK ON HOW TO BUILD A POSITIVE ATTITUDE AND POSITIVE STATE OF MIND 5th JUNE 2020



BMSCE IEEE, in association with the IEEE Student Branch of Nagarjuna College of Engineering, organized a guest lecture by Mr. Sanjay Sehgal on 5th June 2020. Around 140 students attended the talk, 96 of them IEEE Members, and 44 Non IEEE Members.

He is a multi-faceted person donning several hats – a Technology Entrepreneur, Global Businessman, Startup Advisor, Keynote Speaker, Philanthropist, Heartful Human, a meditation instructor and a self-development enthusiast who has taught meditation techniques to thousands of people as a part of his own self-development journey.

He started the webinar by conducting a small survey on the stress level of people before the webinar and how they felt before the webinar (happy, sad, anxious etc.). He started with the webinar by talking about how to maintain a positive state of mind in the current tough situations. He then explained the importance of meditation and about calmness that one experiences after meditating. He also spoke about how the posture of the body can affect the concentration on the subject and shared his own experiences.

The webinar then moved forward to the Q&A session, in which the audience asked their questions through the Live Chat on Zoom and Mr. Sehgal answered questions on almost all topics, ranging from problems in the corporate work life to the problems of the teenagers.

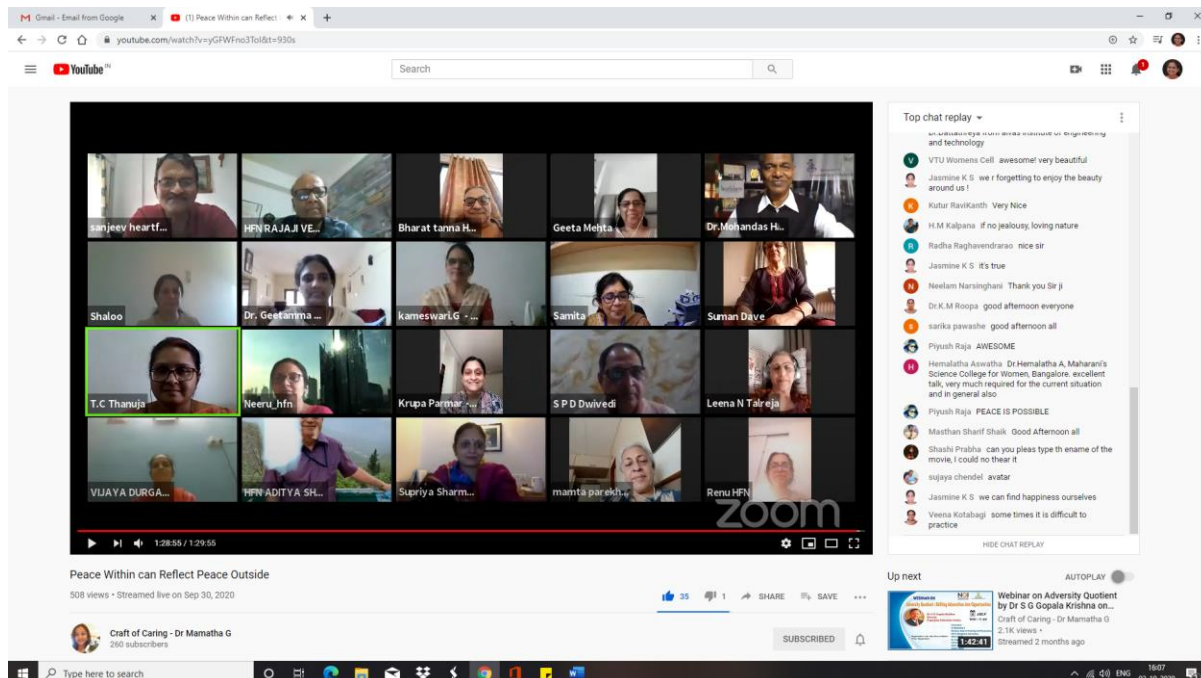
The session then ended with the same survey that was conducted in the beginning, but this time, the results showed that the attendees felt much happier. The Vote of Thanks was given by Dr. Mamatha G. from Nagarjuna College of Engineering

Date: 5th June 2020

Report by:
Rahul Krupani

Vice Chair
BMSCE IEEE SB

WEBINAR ON PEACE WITHIN CAN REFLECT PEACE OUTSIDE 30th SEPTEMBER 2020



A webinar on “Peace within can reflect Peace Outside” was organized by BMSCE IEEE student branch, BMSCE Women’s cell, NCET-IEEE student branch in collaboration with VTU Women’s cell and Heartfulness Institute on 30th September 2020 on the occasion of World Peace week.

The webinar started with a welcome note from Dr Vijaylakshmi, HoD, Department of Medical Electronics, BMSCE, Dr Samita Maitra, Chairperson, BMSCE Women’s cell. Dr Tanjua T C, Chairperson, VTU Women’s cell gave a brief note on the importance of this topic in current situation.

Dr. Mohandas Hegde started with a question “What is peace according to our understanding?” to the audience. Most of the time, we search peace outside rather than searching outside and we get into pieces while searching for peace. The joy within reflects outside. When we all come together for peace, automatically it creates reflections outside and creates an egreore effect.

He then briefed about the role of the Heartfulness Institute in spreading the peace and creating brotherhood among all the people across the world. The effort made by the Heartfulness institute in connecting 40 million people for peace on 21st September, the international day of peace made us proud as India is always in the forefront in spreading peace. He also mentioned the effort made by the Heartmath Institute on Global Coherence Initiative to spread peace. He felt that if we follow the maxims given by Sri Parthasarathi Rajagopalachari of Chennai, we find peace within.

The audience expressed their views on the above two maxims and felt that if we practice in our daily life, we find peace within and also reflect peace outside. The session ended

with a practical session on relaxation and meditation to spread love, peace, devotion, contentment to the world around and vote of thanks by Dr Rajeshwari Hegde.

Date: 30th September 2020

Report by:

Rahul Krupani

Vice Chair

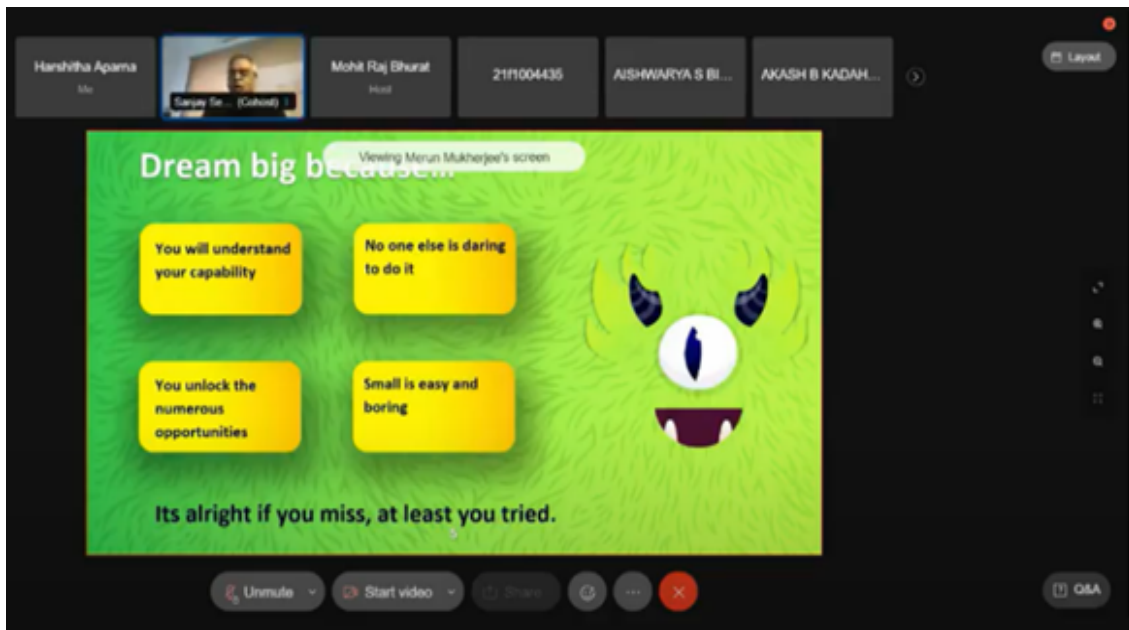
BMSCE IEEE SB



BMSCE
IEEE

Why and How to dream big in Life

20th May 2021



‘Why and How to dream big in life?’ was a webinar arranged by BMSCE IEEE SB as a part of the second phase of the Induction Programme held for the first-year students. The main objective of the webinar was to highlight the importance of goal setting. The webinar was held on the 20th of May, 2021. It commenced at 6 PM in the evening and was hosted on the Cisco WebEx platform.

The speaker for the session was Mr. Sanjay Sehgal, the Chairman, and CEO of the MSys Group of Technologies. He is a global leader who carries the vision to deliver the best in the IT and the Automation Sector. Mr. Sehgal was recognized as the ‘Most Innovative Digital Transformation CEO’ in the year 2019.

The session started off with a welcome speech and the speaker’s introduction delivered by Ms. Surabhi H N. Mr. Sehgal enthusiastically began his session by asking the audience to undertake a small introduction quiz. This grabbed the attention of the participants. The speaker emphasized on the key aspects of goal setting such as guidance, direction, planning, evaluation, and consistency.

He said that in order to achieve anything, one mustn’t hesitate to make decisions at the right time. These crucial decisions would have a profound impact as major changes in the long run. He further added that students have lots of opportunities open to them and one ought to utilize their time in developing and improving their skills. Lastly, the speaker answered the questions posed by the audience in a very interactive Q&A session which was followed by a vote of thanks.

The session lasted for an hour and a half and was attended by around 550 participants. The session went on smoothly with good coordination and active participation by the audience. The session was found to be very informative and lively.

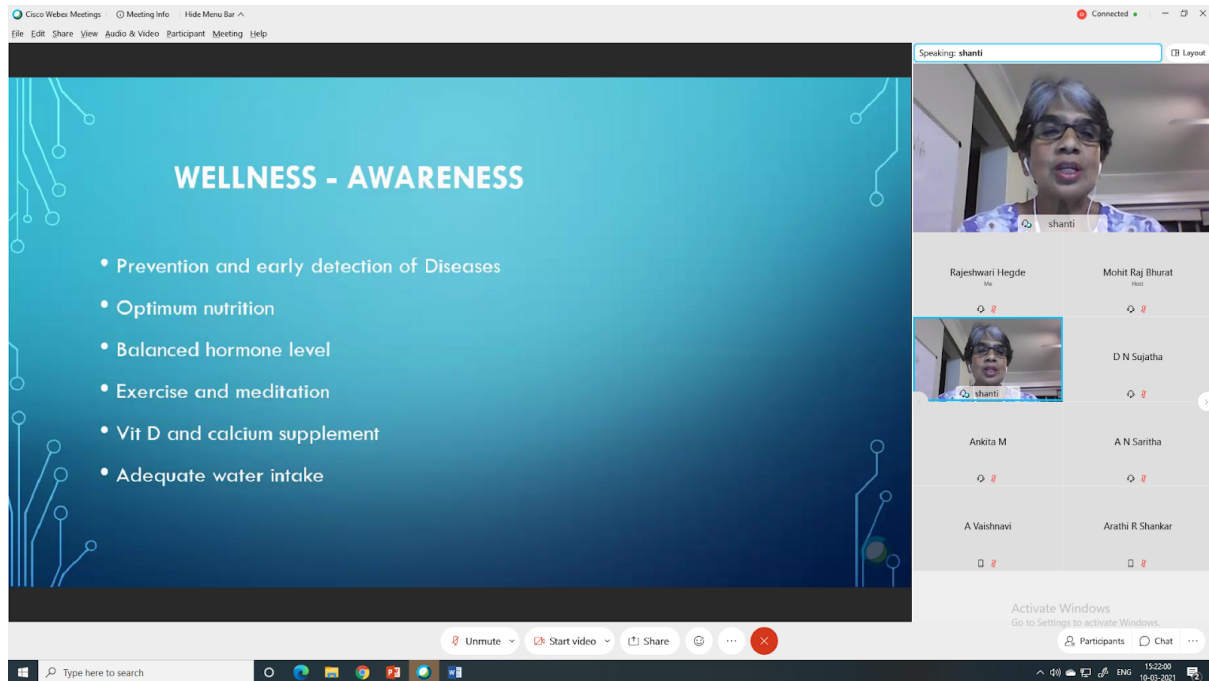
Date: 20th May 2021

Report by:

Chaitanya B

Secretary

BMSCE IEEE SB



A webinar on 'Women's health and wellness' was conducted by BMSCE IEEE on the occasion of International Women's Day. It was organized on 10th March 2021.

Dr. Shanthi Hegde, a leading expert in the field of gynecology and obstetrics gave an eye-opening presentation on women's health. The presentation covered topics ranging from 'Ways to avoid diseases' to 'Importance of physical and mental well-being'. PCOD being very common amongst today's youth, was the highlight of the presentation. She also busted many myths and stigmas that women hold in their minds regarding the female lifestyle.

A total of 58 attendees were a part of this seminar. This included 30 IEEE members and 28 non-IEEE members. A quick question-answer round was held after her presentation which gave everyone a clearer perspective on women's health and anatomy. Overall, it was a very informative webinar.

Date: 10th March 2021

Report by:

Surabhi H N

Treasurer

BMSCE IEEE SB



The Important parts

- Always try to start by introducing what you are going to speak about. Normally you'd explain what you are about to speak on, but you can also do this with a question.
- For eg: If I am addressing a gathering about a new engine design, for my first sentence, I could say:
- "The engine is the most crucial part of the car", Or
- "We've all used cars, but have you ever wondered what goes on under that bonnet? Let me take you through the engine, the heart of the car"



Special Interests Groups (SIGs) is an initiative taken by BMSCE IEEE, in collaboration with BMSCE IEEE PES, to provide students with technical and non-technical skill learning in a classroom environment. Here, the instructors are the students of BMSCE. Public Speaking is one of the SIGs held for the present semester. The instructor for this SIG is Jayanth Narra, a third year student from the Department of Aerospace.

This session was the first of many upcoming Public Speaking sessions and was held on the 26th of May, 2021.

The class started off with the participants introducing themselves. Following the introductions, the instructor presented a slide-show about the "Inigo Montoya Method of introduction". According to the Inigo Montoya Method, an introduction can be dissected into 4 parts. The first part consists of a polite greeting. The second part was on how to introduce oneself depending on the occasion and the audience that has to be addressed. The third part was about establishing a connection between the speaker and the audience and the final part of the method was to set an expectation for the rest of the speech. Keeping all this in mind, the instructor gave the participants a bunch of hypothetical scenarios in order to practice what was just taught. All the participants enthusiastically took part in the role-play.

The session saw a participation of 38 members, 22 IEEE members and 16 non-IEEE members. It was held on Google Meet and lasted for an hour and a half, from 4:30pm to 6pm

Date: 26th May 2021

Report by:

Chaitanya B
Secretary



The body

- Now that we've got a grip on how to do introductions in a simple and straightforward way, let's move on to tackling the body of the speech.
- Unlike Introductions, there is no one universal formula, but you can try to maintain a pretty uniform structure until you're more comfortable experimenting and playing around with the basics.



Harshitha Aparna Telecommunication Engineering

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The second session of the Public Speaking SIG was held on 28th May 2021. This session mainly focused on the building and structuring the body of a speech.

The instructor started off with brushing through the topics discussed in the previous session. Today's session focussed on building connections between the introduction and the body. Moving forward, the parts of the body of a speech were discussed along with the content that has to be covered in their respective sections. Later, The participants were each given a topic and asked to present the introduction and the body of the speech.

The session concluded with a small assignment given to the participants to present a speech in the next class on any topic of their choice. The session as a whole was very interactive and informative. It had 37 participants, 20 IEEE members and the rest non-IEEE members, and was held on Google meet. The session lasted for an hour and a half, from 4:30pm to 6pm

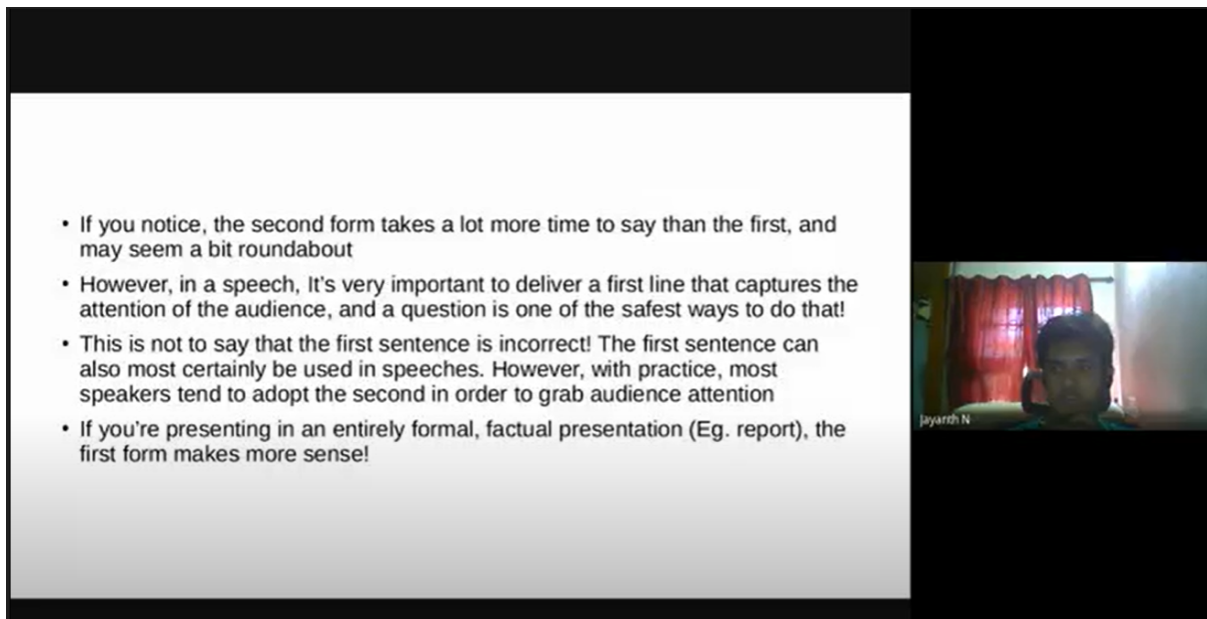
Date: 28th May 2021

Report by:

Chaitanya B

Secretary

BMSCE IEEE SB



The screenshot shows a Google Meet interface. On the left, a presentation slide with a white background and black text lists four bullet points. On the right, a small video window shows a man with dark hair, wearing a green shirt, speaking. The name 'Jayanth N' is visible below the video window.

- If you notice, the second form takes a lot more time to say than the first, and may seem a bit roundabout
- However, in a speech, It's very important to deliver a first line that captures the attention of the audience, and a question is one of the safest ways to do that!
- This is not to say that the first sentence is incorrect! The first sentence can also most certainly be used in speeches. However, with practice, most speakers tend to adopt the second in order to grab audience attention
- If you're presenting in an entirely formal, factual presentation (Eg. report), the first form makes more sense!

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The third class of the Public Speaking SIG was held on the 4th of June and started with the participants presenting their work that was assigned to them in the last class. Following which, the instructor went on to teach the method of concluding a speech. The participants then were given some time to come up with an entire speech. The participants were split into groups and were assigned different scenarios. They were expected to work with the given situation and deliver a complete speech with an appropriate conclusion. With this, the “Delivering a speech in front of a gathering” part concluded.

The session as a whole was very interactive and informative. The session had 36 participants, 20 IEEE and 16 non-IEEE members, and was held on Google Meet. It lasted for an hour and a half, from 4:30pm to 6pm

Date: 4th June 2021

Report by:

Chaitanya B
Secretary

BMSCE IEEE SB



Making the content

- To make the content, you simply need to ask yourself questions, and answer them out loud.
- No matter what you are about to talk about, you can always follow a pattern of W-H questions. A few examples are:
- What are you speaking about?
- When/Where did this happen?
- How/Why is it relevant?



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The fourth session of the Public Speaking SIG was held on 11th June 2021. This session mainly focused on building and strengthening interaction.

The instructor started off by summarizing topics discussed in the previous sessions which mainly dealt with framing the introduction, structuring the body and conclusion of a speech. The key point of this session was to help the participants build conversations effectively. The basic difficulties to initiate conversations were addressed and then useful pointers were given to overcome those difficulties. The participants were also taught the method of effectively changing the topic during a conversation. Further, they were given a situation as a group and were asked to enact the same. All the participants enthusiastically took part in the role-play.

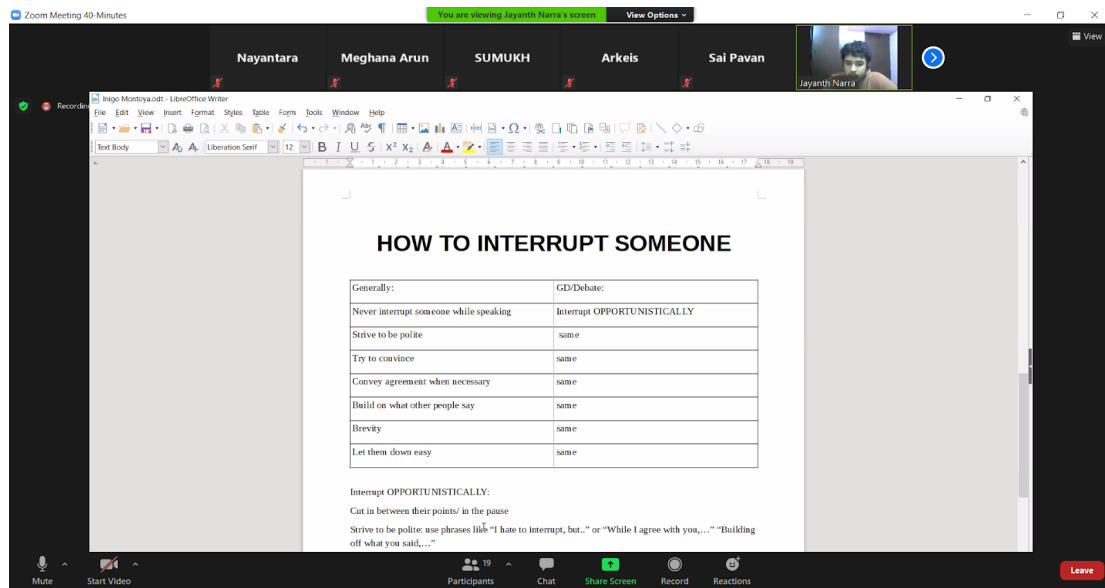
The session concluded with a quick recap on the topics covered followed by a small informal session. The session as a whole was very interactive and informative. The session had 20 participants, 12 IEEE members and 8 non-IEEE members, and was held on Google meet. It lasted for an hour and a half, from 4:30pm to 6pm.

Date: 11th June 2021

Report by:

Chaitanya B

Secretary



Special Interests Groups (SIGs) is an initiative taken by BMSCE IEEE, in collaboration with BMSCE IEEE PES, to provide students with technical and non-technical skill learning in a classroom environment. Here, the instructors are the students of BMSCE. Public Speaking is one of the SIGs held for the present semester. The instructor for this SIG is Jayanth Narra, a third year student from the Department of Aerospace.

The fifth session of the Public Speaking SIG was held on 16th June 2021. This session revolved around the art of Debating and Group Discussions.

The session started with the instructor revising topics from the previous class. He then went on to explain the difference between a scripted speech and a spontaneous speech. Elements of each of the speeches were discussed. After discussing the differences, the instructor explained how one would actively participate in a group discussion. A list of "rules" were laid out and the participants were expected to adhere to those rules while taking part in the GD. The participants were given a few topics and some time for preparing points for the GD. They were given a choice to talk for or against the topic assigned. All the participants actively took part in the GD.

The class concluded with a small Q&A session. The session as a whole was very interactive and informative. It had 19 participants, 10 IEEE members and 9 non-IEEE members, and was held on Zoom. The session lasted for an hour and a half, from 4:30pm to 5:30pm.

Date: 22nd June 2021

Report by:

Chaitanya B

Secretary

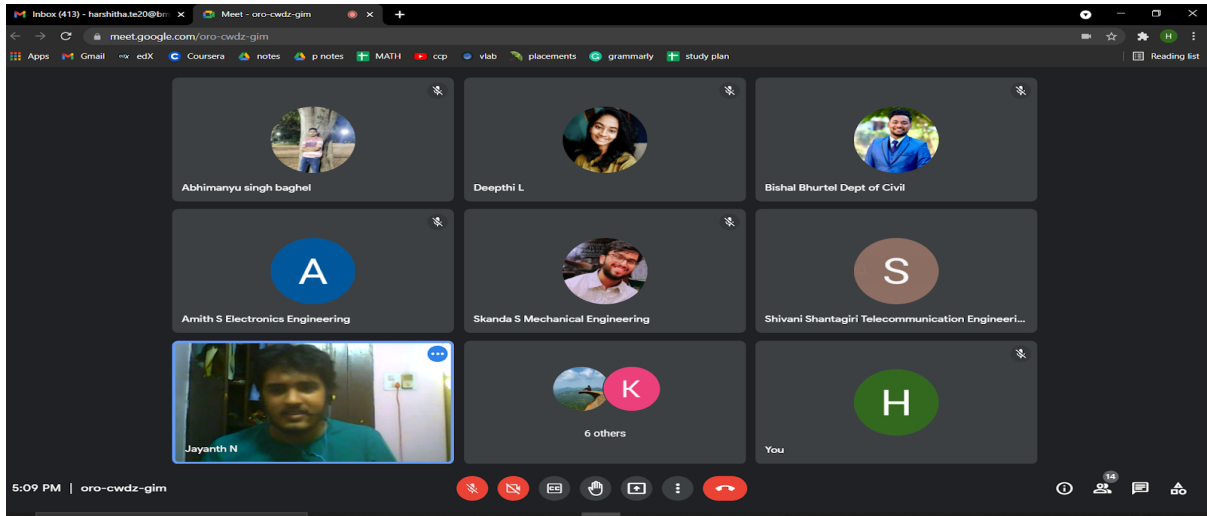
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Public Speaking SIG Session - 6

30th June 2021



Special Interests Groups (SIGs) is an initiative taken by BMSCE IEEE ,in collaboration with BMSCE IEEE PES, to provide students with technical and non-technical skill learning in a classroom environment. Here, the instructors are the students of BMSCE. Public Speaking is one of the SIGs held for the present semester. The instructor for this SIG is Jayanth Narra, a third year student from the Department of Aerospace.

The sixth session of the Public Speaking SIG was held on 30th June 2021. This session mainly focused on the building and structuring the body of a speech.

The instructor started off with brushing through the topics discussed in the previous session. One of the things that was taught was ways in which an individual could build their confidence and maintain the flow of the speech. Moving forward, the participants were asked to pick any object around them and instantly speak about it. The participants were later given a second task to market the same object to the audience.

The session concluded with a small assignment given to the participants to present a complete speech in the next class on the topic that would be given to them on the spot. The session had 13 participants, 7 IEEE members and 6 non-IEEE members, and was held on Google meet. It lasted for an hour and a half, from 4:30pm to 6pm

Date: 30th June 2021

Report by:

Ashwin Gupta

Joint Secretary

BMSCE IEEE SB



- You are at an office party. Your boss, Y, is retiring. Introduce yourself and start your speech about your memories with your boss



Shreyans Jain Electronics Engineering

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The seventh session of the Public Speaking SIG was held on 7th July 2021. This session mainly focused on coming up with a speech spontaneously.

The session started off with the instructor assigning the participants two topics to choose from. The participants were then asked to come up with 3 lines followed by 4 more lines related to the topic chosen. Once this was done, the participants were asked to compile the lines they came up with and convert into a speech. Upon the compilation was completed, they were expected to deliver the speech. After the participants delivered their speeches, the instructor gave the class a few tips and tricks to improve their public speaking skills.

The class ended with the instructor giving the participants details about the public speaking test. The session had 15 participants, 8 IEEE members and 7 non-IEEE members, and was held on Google meet. The session as a whole was very interactive and informative. It lasted for an hour, from 4:30pm to 5:30pm.

Date: 7th July, 2021

Report by:

Ashwin Gupta

Joint Secretary



Special Interests Groups (SIGs) is an initiative taken by BMSCE IEEE ,in collaboration with BMSCE IEEE PES, to provide students with technical and non-technical skill learning in a classroom environment. Here, the instructors are the students of BMSCE. Public Speaking is one of the SIGs held for the present semester. The instructor for this SIG is Jayanth Narra, a third year student from the Department of Aerospace.

The eighth session of the Public Speaking SIG was held on 9th July 2021. This session mainly focused on summarizing the topics covered in the last seven sessions followed by a test to check the participant's progress.

The instructor began by explaining the guidelines of the test. All the participants were given the choice to choose the difficulty levels of their speeches. Later the instructor sent a link to another meet in the chat box where the participants were to take their tests individually. The participants were informed that they would be graded and be given personal feedback by the instructor later.

This concluded the Public Speaking SIG for the year 2021-2022. All the participants actively participated throughout the SIG and made utmost use of this opportunity to improve their public speaking skills. The session had 20 participants, 11 IEEE members and 9 non-IEEE members, and was held on Google meet. The entire test lasted for one and a half hours, from 4:30pm to 6:00pm

Date: 9th July 2021

Report by:

Ashwin Gupta
Joint Secretary
BMSCE IEEE SB