Report

IUCEE ANNUAL STUDENT FORUM 2021

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About IUCEE :

Indo-Universal Collaboration for Engineering Education (IUCEE) is dedicated to improving the quality and global relevance of engineering education by collectively building an ecosystem for transforming engineering education in India with the assistance of engineering education experts and industries from around the world. This is effectively done by focusing on faculty development, student development, curriculum development, as well as improved teaching technologies & engineering education research. As a part of this, IUCEE emerges with different workshops and courses giving a fascinating experience to every learner.

About IASF:

The IUCEE Annual Student Forum (IASF) conducted along with ICTIEE was an international conference conducted every year with the vision of collaborating with global experts and conducting sessions with an objective of sharing knowledge. Inviting students, colleges and faculties to be a part of IUCEE student chapter family.

IASF 2021 was a part of ICTIEE 2021. This year it was completely a virtual event. This exhilarating 3-Day student forum had been designed for students all over the globe which featured a creative, pragmatic and new normal approach to impart creative skills, innovative mindset and life long useful knowledge to encourage student involvement in social and industrial engineering projects. It was a theme based forum and the 3 day themes were ENTREPRENEURSHIP & INNOVATION, EMERGING TECHNOLOGY, PROFESSIONAL SKILLS respectively.

The forum included expert sessions, exciting workshops, engrossing quizzes, exhilarating competitions and cultural exchange alongside the never ending fun. IASF was a lifetime experience and was a carnival of innovation, creativity, and professionalism.

Objectives of IASF:
1. To learn the importance of the design process and help participants enhance their entrepreneurial skills.

2. To let participants dive deep in the future opportunities through the sessions on emerging technologies.

3. To connect with global experts on terms like professional skills, creative thinking and to learn from their excellence about the future of technology.

4. To adapt through the new norm and get future ready with participation in various presentations, workshops, discussions and quizzes.

5. To be a part of the IUCEE student chapter Family.

6. To learn skill building through fun activities.

Co-Chair and Core-Committee:

Initially a team of student Co-Chairs was appointed to plan and prepare the agenda of IASF 2021 and then they selected separate groups of students to design, develop and execute the modules of work.

The Co-Chairs of IASF 2021.

1. Mr. Syed Majeedullah

2. Mr. Shravan N

3. Ms. Fairy Khimani

4. Mr. Tanmay Mahesh Bhosale

5. Mr. Shaik Naushab Ahmed

6. Ms. Meghana Ganta

Further the teams were divided into three major sub-teams called technical team, editorial team and programme team. The roles and responsibilities of each member in all the teams were discussed thoroughly and work was divided accordingly. All the members were dedicatedly working towards making IASF 2021 a GRAND success.

About the flow of work and division of tasks:

The co-chairs were appointed on 1 November 2020 by Prof. Krishna Vedula and Ms. Sampada Pachaury by considering the dedicated work of the members since the past year. The role of the co-chairs was to plan and execute the entire IASF 2021 efficiently. Along with that it was their duty to manage the organizing committee and enervate the best out of them.

The Co-chairs began with appointing the organizing team which was completely judged on their field of expertise. For elegant and convenient execution, the Organizing Committee was divided into 3 separate teams:

- **Editorial Team -** The editorial team dedicates their capabilities in creating and improving the contents required for enhancing the event. Poster, website transcripts, certificates content, feedback forms, social media posters and other contents are the collective efforts of the editorial team.
- **Technical Team** - Technical Team devotes their talent in designing the posters, banners, certificates etc and looks after the engagement and feedback of the event. Besides this, templates for the various pre-forum visuals are also done by them. Various social media posters are a combined outcome of the technical team and programme team.
- **Program Team** - The programme team is responsible for making daily Minutes of Meetings, coming up with executable formats of various pre-planned activities. They

provided all the back screen support for the smooth flow of work. Alongside, they devote their time to help the technical design team and editorial team wherever required.

About planned activities, sessions and workshops:

The IASF 2021 was a 3-Day Virtual Event and was a part of the ICTIEE 2021 which was hosted on HUBILO Platform. The IASF was conducted in Room 4 of the platform while the other 3 Rooms were occupied by the ICTIEE Tracks. IASF being a student track was given large occupancy of around a thousand members. The ICTIEE was scheduled to start at 10:00 am IST and was supposed to conclude by 10:00 pm IST. However, IASF was scheduled from 2:00 pm IST to 9:00 pm IST. Even though being a separate track IASF and ICTIEE had common plenaries for all the 3 days which were scheduled from 4:00 pm IST to 5:30 pm IST.

There was a lot of brainstorming done and the activities and sessions were planned by the team, after planning the sessions, the search for an appropriate speaker for each session began. The Co-Chairs used to find speakers with the help of Ms. Sampada Pachaury ma'am and send invites to respective speakers using IASF Gmail account. Confirming their sessions, the planning for the execution of sessions on HUBILO began with the meetings with Ms. Sampada Ma'am, Co-Chairs, and respective moderators.

The 6 Co-Chair, 18 members of the Organising Committee and 8 Technical People used to have scrum meetings daily and report the work done to Tanmay and Fairy. The sub-divided teams used to focus on the short term tasks given by the team leaders and used to reach the checkpoint on given time. The design team used to make the template of posters and videos and provide it to the content team, the content team used to provide the document of content according to the template and give it back to the design team to get the final designs. Meanwhile the work on social-media captions and hashtags was being done reviewed by Mr. Aniket Joshi who was guiding the Co-Chairs for social media posts.

Adding the fun essence for participants, at the end of each day there were very interactive and interesting activities planned by the team. For day 1, we had 'Design Ideation' activity where we displayed an already existing product to the participants and they will have to modify its design to increase its utility or to make it user friendly. For day 2, we had "Digital Show Quiz" where we included the quiz questions from 3 very popular digital shows, Harry Potter, Marvel, Game of Thrones. For day 3, we had 'Youth's Voice' which was an extremely relatable talk show among the all 32 members of the Student Core Committee where they talked about student's life in pandemic and their opinions.
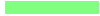
Execution and Outcome of the event:

The IASF 2021 had a grand inauguration by Ms. Sampada Pachaury, who also invited the speakers of Day-1. The Day-1 of IASF 2021 began with the "**Design Thinking & Value Proposition"** Session by Indian School of Business (ISB). Mr. Prashanth Ramagiri and Mr. Seshadri Kannan guided the students by diving deep into the fundamentals of Design Thinking and its peripherals. The session had around 160 attendees who actively participated in each activity conducted by ISB. The Session was divided into 2 parts and it was continued after the ICTIEE Plenary. The attendees were supposed to be divided into several groups i.e., the breakout rooms, and present their idea as per the provided instructions. The ISB team then initiated the segregation of participants into different breakout rooms. Somehow due to the decrease in the number of participants and technical issues the segregation did not happen as per planned but later with the help of IASF student technical team, moderators and Co-Chairs the participants were having a stable position in breakout rooms and started performing the activity. However, due to the inconvenience caused we were left over with less time compared to what was planned. Though, the activity ended smoothly and the participants submitted their work through mails.

Prof. Dr. Ranji Vaidyanathan was the speaker for the next session. He enlightened the attendees by speaking about "**Minimal Viable Product (MVP)"** and the importance of Pitching an idea. Dr. Vaidyanathan significantly created awareness about entrepreneurial outlook and encouraged amazing ideas. Moreover, the students were asked to prepare a 60 second Pitch video to demonstrate their pitching & convincing skills. The winner was awarded with a Certificate of Achievement. Day-1 concluded with a fun activity called the "**Design Ideation"** which was arranged by the organizing committee. It explored the creativity and imagination of students by converting simple everyday things into multipurpose accessories.

Day-2 began with the Emerging Technologies i.e., "**Green Economy in Waste Management"** & "**Virtual Labs on Cloud"**. These sessions ran parallely into different tracks and the attendees had the choice to attend any session as per their wish. Mr. Anil Potluri who is the M.D at Green Waves Environmental Solutions, threw light on the importance of Waste Management and the fundamentals of Green Economy. While Mr. Kalyan Ram B, the CEO of Electrono Solutions Pvt. Ltd. focused majorly on Virtual Labs on Cloud and how the Virtual Labs became a boon for the engineers in the pandemic situation. The Speakers received a strong response from the attendees.

Mr. Deepak Gadhia, The Chairman of Sunrise CSP, spoke about the "**Evolution of Solar Thermal Concentrator and its Potential in India"**. The Student Chapter Presentations comprised the IUCEE Student Chapters from all over the nation, who presented their Annual Report and proposed their Future Plans for the A.Y. 2021-2022. All the Student Chapters were acknowledged with a Participation Certificate and a memento as a token of appreciation. The Day-2 concluded with an amazing entertaining session **"The Digital Show Quiz"**. The Quiz was based on famous Movies Series & TV Shows and tested the fandom knowledge of the attendees. The Organizing committee also ran a Fun movie quiz through all the 3-Days on the HUBILO Platform itself.

The Final Day began with the session **"Skills that Matter"** by Mr. Madhukar Sharma, President & Director of ASME India Pvt. Ltd. Mr. Sharma guided the engineers about the required industry skills in today's era. Mr. Ameet Mattoo who is the Founder of THINK CHANGE, and also the Co-Founder of TAKE2 conducted a session on **"Reinvent to Remain Relevant"** focusing on reinventing oneself to remain relevant and sustaining the change. Followed by this, Mr. Aniket Joshi, Founder & CEO of Musicopositive who also happens to be a TEDX Speaker guided the attendees by conducting a **"Workshop on Personal Brand Building: LinkedIn"**. He encouraged the engineers to develop their personal brand and present it socially. He focused on the importance of "How a Linkedin account could get you a job?", which is the most discussed and confusing topic for the students.

The Cultural evening began with the **"Youth's Voice"**, a session conducted by the organizing committee members where the members discussed the effects of pandemic on their lives and the changes that were brought into their lives. Ms. Sampada Pachuary also joined the members and shared her views on the same. The "**Cultural Evening"** had cultural performances from the attendees as well as the organizing committee. The **"Valedictory and Award ceremony"** were the concluding sessions of the event, where the winners and the Student Chapters were awarded with their certificates. The Event concluded with the Organizing committee receiving their certificates and their thanking statements.

Feedbacks:

Feedbacks are as important as the event itself as it helps the organizer to understand which things they need to pay more attention to and which things were really up to the mark. We had passed on different feedback forms for each day of IASF 2021.We had collected few of the valuable feedbacks from all the 3 forms and have paste them here :

"It was excellently executed... And what a great experience, never ever I have ever witnessed such an online event of this magnitude."   - Caroline Wesley

"I would suggest using kahoot to conduct such quizzes so we can get a leaderboard which makes it interesting and competitive."   - Kole Lakshmi Shashikant

"It was phenomenal, ultimate but I would suggest maybe including more questions on various other series in Digital Show Quiz can be more compelling."   - Aniket

"Decrease the time duration, it's very important to understand that not everyone has a wifi at home, students also have to attend their college lectures and then participate in an event, so reduce the overall time and make each session enjoyable and less mundane."   - Goje Pawan

"Have more interactive sessions like the Digital Show Quiz and Youth's voice, this is what the students enjoy the most. Allocating appropriate time somewhere in the middle of the day for such interactive sessions would help a lot."   - Poornima Swant