



# VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA

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# Alumni ConnEEect

*An Initiative to bridge the gap between Industry and Academia*



## Annual Report Session 2023-24

Issued by the Department of  
Electrical & Electronics Engineering

# Alumni ConnEEEct

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## Faculty Coordinator



### **Dr. Sasmita Behera**

Faculty in-Charge  
Alumni Relations  
Department of Electrical & Electronics  
Engineering

# Alumni ConnEEEct

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## Student Coordinators



**Prathyastee Acharya**  
Coordinator



**Laxmi Priya Pati**  
Coordinator



**Sneha Behera**  
Social Media



**Soumya Ranjan Behera**  
Social Media



**Aryan Agarwal**  
Technical Work



**Chirag Agarwal**  
Technical Work



**Suchismita Lenka**  
Anchor



**Ananya Parida**  
Anchor



**Debjani Aishwarya**  
Anchor

# Alumni ConnEEEEct

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The faculty and student body of the Department of Electrical and Electronics Engineering at VSSUT, Burla have together embarked on a dynamic initiative, Alumni ConnEEEEct, aimed at fostering a strong bridge between industry and academia.

From its inception in 2010, 11 batches of students (approx. 700 students) have graduated from the department of Electrical and Electronics Engineering. Alumni ConnEEEEct is designed to leverage the vast expertise and experiences of the department's strong alumni network to guide and mentor budding engineers in the department, through a series of webinars.

Alumni ConnEEEEct provides a forum for students to interact directly with alumni, gaining valuable insights into the practical aspects of their field of study. Through interactive Q&A sessions and interviews, students can seek advice, clarify doubts, and gather perspectives on career paths, industry expectations, and the significance of research in the field of electrical and electronics engineering. Such engagements not only enhance students' understanding of industry expectations but also inspire them to excel and innovate in their respective fields.

The initiative creates networking opportunities for students to establish connections with alumni, potentially leading to internships and career prospects. Additionally, feedback from alumni also helps identify curriculum enhancements to align student skills with industry demands.

Alumni ConnEEEEct embodies the spirit of collaboration and continuous learning, fostering a strong sense of community and mentorship within the EEE department at VSSUT, Burla. It serves as a testament to the dedication and vision of the department, empowering future generations of engineers to thrive in a dynamic and evolving industry landscape.

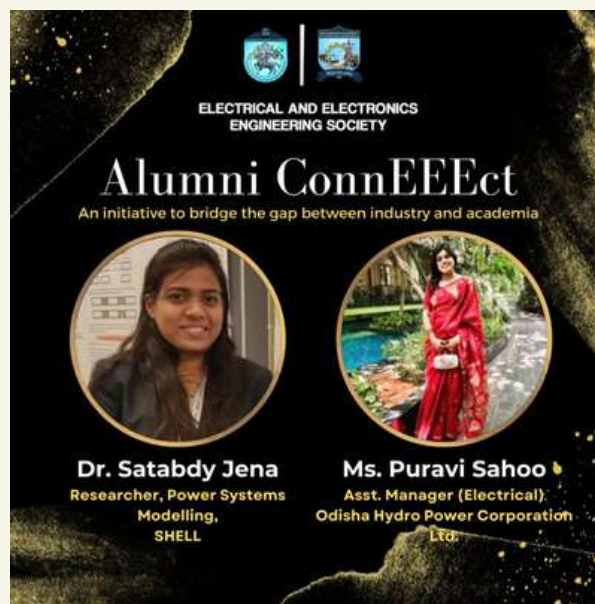
The first session of this series was held on 30 September 2023 online via Google Meet. The session is conducted on a monthly basis on Saturday afternoons from 4PM to 5 PM, which is an optimal schedule for students, faculty and the guests alike. Each session culminates with an attendance record and feedback collection from the attendees, identifying areas of improvement for upcoming sessions.

# Alumni ConnEEEct 1

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Date: 30 September, 2023

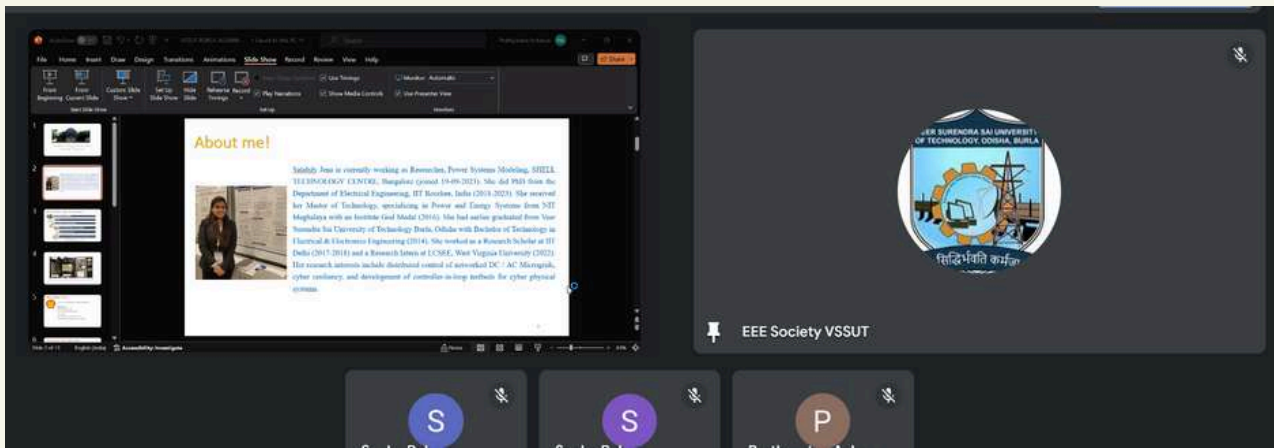
Featured Guests: Dr. Satabdy Jena, Researcher, Power Systems Modeling, Shell Technology Centre, Bangalore  
Er. Puravi Sahoo, Assistant Manager (Electrical), Odisha Hydro Power Corporation Ltd., Burla



The premiere session of Alumni ConnEEEct was held on September 30th, 2023 and was graced by the presence of our esteemed alumni, Dr. Satabdy Jena and Er. Puravi Sahoo from the Class of 2014.

Dr. Satabdy Jena works as a researcher in Power System Technology, Shell Technology Centre, Bangalore. She holds a Master of Technology degree in Power and Energy System from National Institute of Technology, Meghalaya and a PhD in Distributed Storage Systems from Indian Institute of Technology, Roorkee. In addition, Dr. Jena has also worked as research fellow and teaching assistant at IIT, Roorkee.

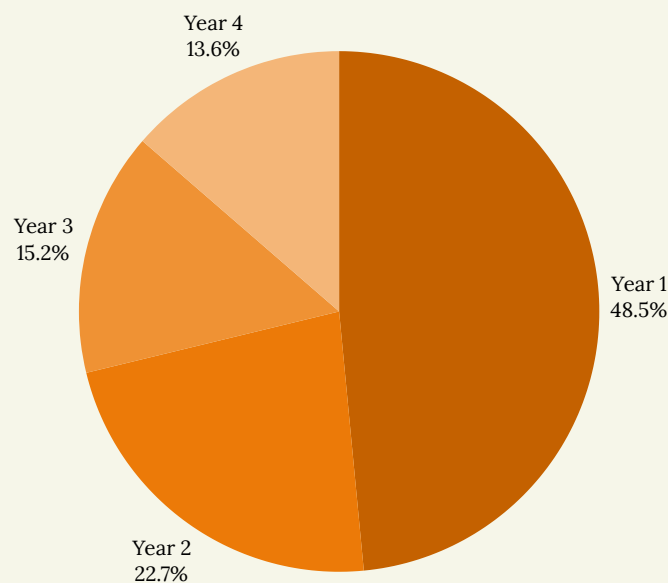
Er. Puravi is currently employed as Assistant Manager(Electrical) at Odisha Hydro Power Corporation Ltd. She holds a Master of Technology degree in Power System Engineering.



Dr. Jena initiated the webinar by shedding light on the myriad opportunities available in the research field of Electrical and Electronics Engineering. She elaborated on various avenues for pursuing research, including academic institutions and industrial R&D centers, while also sharing a detailed roadmap for freshers looking to familiarize themselves with academia.

Er. Puravi Sahoo followed, providing invaluable insights into career prospects within the core sector of Electrical and Electronics Engineering. With a wealth of industry experience, she elucidated on the diverse roles and responsibilities available in sectors such as power systems, automation, and renewable energy. She discussed emerging trends and the evolving landscape of the core sector, emphasizing the demand for skilled professionals capable of driving innovation and meeting industry demands. She also suggested adding Climate Technology Studies as a Master in Technology program in future.

No. of attendees: 66



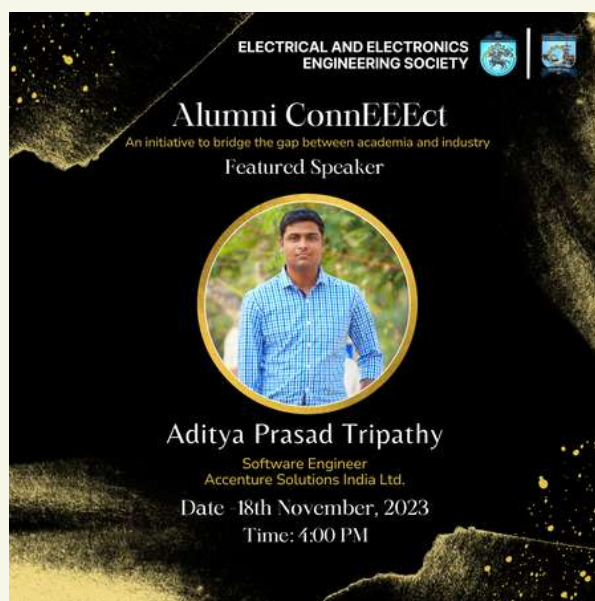
# Alumni ConnEEect 2

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Date: 30 September, 2023

Featured Guest: Er. Aditya Prasad Tripathy

Application Development Team Lead, Accenture in India, Pune



The second session of Alumni ConnEEect , held on 30 September 2023, featured Er. Aditya Prasad Tripathy from the class of 2016.

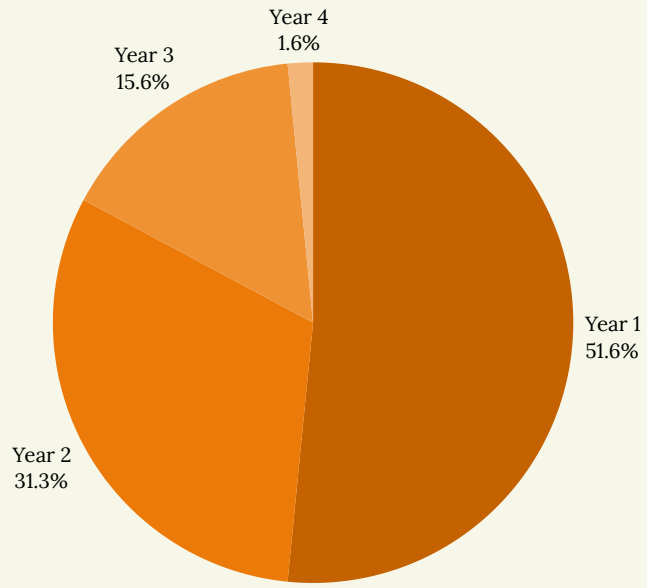
Er. Aditya P. Tripathy currently leads the Application Development Team at Accenture Solutions Private Limited, Pune. He is a seasoned application development team lead with a demonstrated history of working in the information technology and enabled services industry. He possesses comprehensive expertise in digital and data transformations in the Insurance and Financial Services domain.

This session of Alumni ConnEEect explored the career prospects that the field of Information Technology carries for budding engineers with a background in Electrical and Electronics Engineering.

Er. Tripathy delved into various aspects of software development lifecycle, including requirements gathering, design, development, testing, deployment, and maintenance, providing a comprehensive overview of application development processes and methodologies. Drawing from their experience at Accenture Solutions Private Ltd. , he discussed the emerging technologies and trends shaping the landscape of application development. The speaker shared insights into how various service-based corporations leverage these technologies to deliver innovative solutions to their clients.

As a concluding record, attendees had the opportunity to engage with the speaker, seek clarification and gain further insights into specific areas of interest related to application development.

No. of attendees: 64





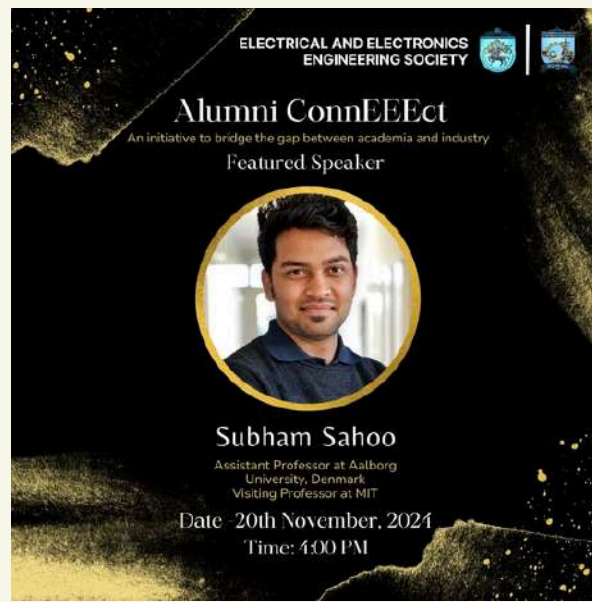
# Alumni ConnEEect 3

Date: 20 January, 2024

Featured Guest: Dr. Subham Sahoo

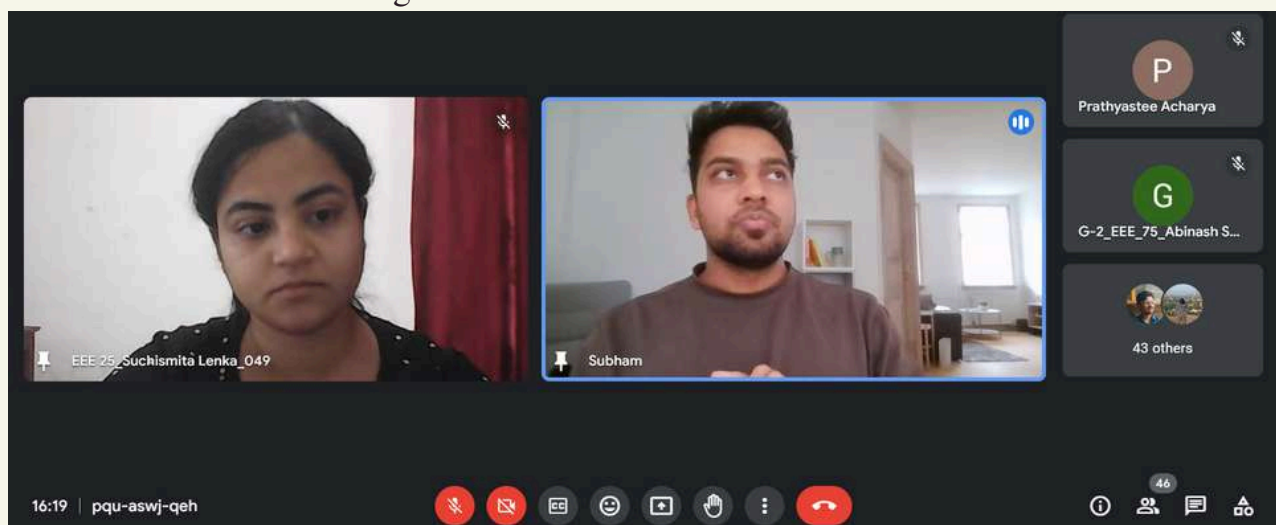
Assistant Professor at Aalborg University, Denmark

Visiting Professor at MIT



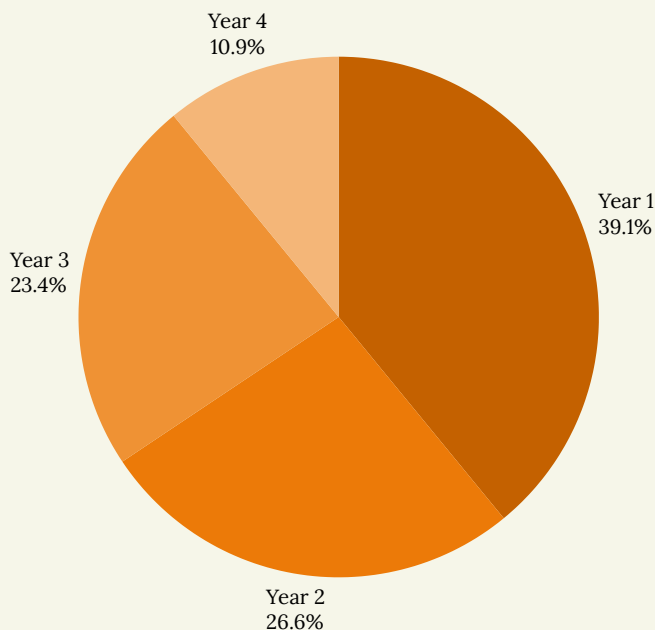
On the third session of Alumni ConnEEect, the attendees were very fortunate to have the opportunity to interact with Dr. Subham Sahoo from the Class of 2014. With exceptional work experience in the field of Research and Development and impressive achievements to his name, Dr Subham was more than kind to head the webinar.

Dr. Subham Sahoo currently holds the position of Assistant Professor at Aalborg University, Denmark. He also previously served as a Visiting Professor at the very prestigious Massachusetts Institute of Technology, Cambridge. He earned his PhD from Indian Institute of Technology, Delhi with his doctoral thesis mainly focusing on developing reliable and scalable coordinated control strategies for various architectures of DC microgrids.



Dr. Sahoo began with sharing his personal journey in academia, from earning a PhD, carrying out collaborative research work in various institutions to working as an Assistant Professor at Aalborg University. Citing his experiences, he shared valuable advice for students wishing to pursue a career in academia abroad. During the session, the speaker conscientiously addressed the challenges inherent in research and development endeavors, offering pragmatic strategies for their mitigation .Dr. Sahoo also highlighted the significance of interdisciplinary collaboration and continuous learning in fostering a successful research career.

No. of attendees: 50



# Alumni ConnEEEct 4

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Date: 17 February, 2024

Featured Guest: Er. Bodhisattwa Sanghapriya  
Founder, CEO, IG Drones



The fourth session focussed on the entrepreneurial endeavors one can pursue with an Electrical and Electronics Engineering background. This session was presided over by Er. Bodhisattwa Sanghapriya from the Class of 2018.

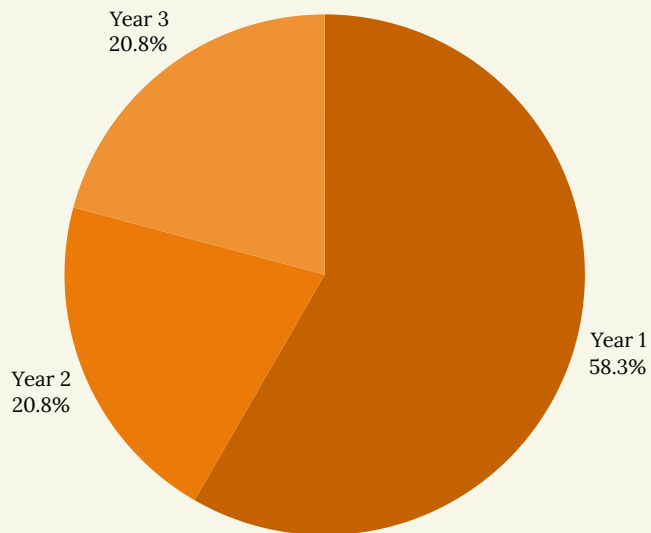
Er. Sanghapriya serves as the Founder and Chief Executive Officer of IG Drones, one of India's leading aviation organizations. Under his dynamic leadership, IG Drones has set many benchmarks in state of the art technology solutions in infrastructure, railway, road, mines, water resources, oil & gas and smart city planning to name a few. Delivering industry-specific solutions, the organization has proved itself as a reliable technological partner for many corporations.

Er. Sanghapriya shared his entrepreneurial journey, reflecting on the inception and growth of their start up in the burgeoning drone industry. He also addressed the challenges he encountered in his entrepreneurial endeavor. He discussed the importance of vision, perseverance, and adaptability in navigating the dynamic landscape of the drone industry. Drawing from his experience at the helm of IG Drones, he showcased innovative solutions developed by his organization to address industry challenges and client needs.



Er. Sanghapriya also shared valuable entrepreneurial insights and leadership lessons garnered from his experience as a Founder and CEO. He imparted practical advice on building a successful startup, fostering innovation, and cultivating a culture of excellence within an organization.

No. of attendees: 72



# Alumni ConnEEect 5

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Date: 17 February, 2024

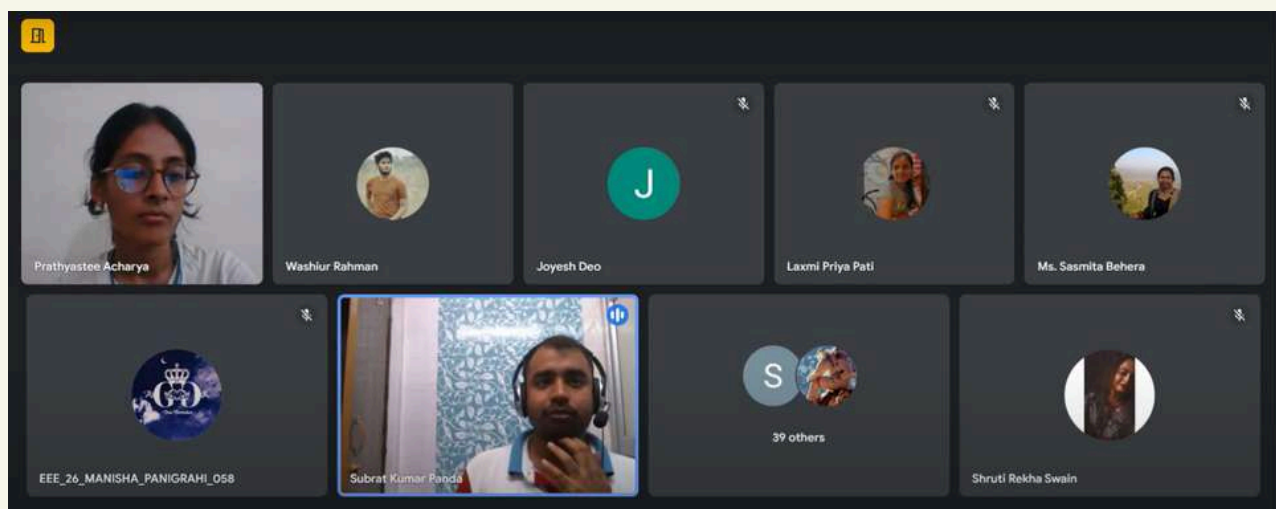
Featured Guest: Er. Subrat Kumar Panda

Offshore Development Team Lead, Tata Consultancy Services Ltd.,  
Hyderabad



The fifth session was graced by the presence of Er. Subrat Kumar Panda from the Class of 2021. Er. Subrat Kumar Panda is currently employed as a Systems Engineer at Tata Consultancy Services Ltd., Hyderabad, where he leads the Offshore Development Team. As an undergrad student, in 2020, his team was declared the winner of Smart India Hackathon 2020.

The session commenced with Er. Panda acknowledging their significant contributions and leadership role in offshore development initiatives. He shared his extensive experience and expertise in managing software development projects for clients across diverse industries.



In addition to discussing development practices, he also provided valuable insights into client engagement strategies and current recruitment practices in the industry. Highlighting the importance of understanding client requirements, building strong client relationships, and aligning recruitment efforts with project demands, Er. Panda emphasized the importance of picking soft skills as an undergraduate.

He shared current practices for recruitment, including leveraging technology platforms, conducting skill-based assessments, and fostering diversity and inclusion in recruitment processes. He also shared some valuable advice for students who are currently drafting their résumé for the upcoming recruitment session.

The highlight of the session was Er. Panda's journey to winning Smart India Hackathon 2020. He shared his experience of innovating an optimal and cost-effective solution for the hackathon while working with a team of diverse talents. Notably, his prototype was selected for further development, testing and implementation by the Ministry of Defence of India.

No. of attendees: 65

