

Innovesta'19 and Rockesta'19 at NITJ



October 7, 2019 (Jalandhar): Innovation Club, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar (NITJ) organized two mega events Innovesta '19, a National Level Symposium and Rockesta '19 on October 5-6, 2019. The events aim at creating an inspiring and vibrant environment that not only helps the students but society as a whole to study and foster values, creativity and innovation

culture to come up with newer technologies and innovations. The Mega Events witnessed huge participation of around 600 students from various institutes of repute.

The event was inaugurated by Prof. L. K. Awasthi, Director, NITJ and Dr. Pamita Awasthi, Guest of Honour, NIT Hamirpur on October 5, 2019. Prof Awasthi said, “NITJ enunciates and upholds the fundamental principles and commitments of higher education in the rapidly altering milieu of a global and digital world—a world with commitment for improving human lives, a world in which talent knows no limits, a world in which originality and inquisitiveness will fuel the future.” He further added, “I believe that my students are cognizant of problems and snags of society. I want them to work for the solutions. Innovation flourishes when you challenge the situation and have inquisitiveness by asking questions. My foremost objective is to make my students aware by taking initiatives such as Rockesta, Innovesta and Hackathon. We should strive for excellence to contribute to the ideas of our worthy Prime Minister Shri Narendra Modi ji and MHRD, Minister Shri Ramesh Pokhriyal ji.” Dr. Pamita Awasthi also emphasized, “We should sensitise our students towards the quandaries of our society by employing innovative ideas and techniques.” She expressed her delightedness for the initiative taken by the team, Innovation Club. Prof. Awasthi also shared the details of 21 initiatives that has been registered under Technology Business Incubation Centre NITJ and moreover 12 projects related to space technology has already been incubated by Space Technology Incubation Centre of the institute in collaboration with scientists of Defence Research laboratory of ISRO in sync with startup and standup policy of Government of India

Dr. L.P Singh, the faculty coordinator, Innovation club traced the journey of the Innovation club and said, “Innovesta’19 primarily focus on crucial concerns of our society and environment such Solid waste management, Waste to Wealth, Rain Water Harvesting, Water conservation, Air pollution, Recycling of Plastics. Rockesta is all about technical innovation in which Mr. Raghav Sharma, founder of Xovian will teach the participants to make a rocket and there will be a rocket launch on October 6, 2019. He also stated, “NITJ has already taken initiatives to rescue our environment from pollution such as Bio gas plant in Hostels and we have started steam cooking system that will save LPG worth One and half lakh. 25 starts up have already been incubated by the Incubation Cell, NITJ. The best project of Innovesta’19 will be selected by the Incubation Centre, NITJ.”

Dr. R.K Garg, President, Institute Innovation Council, NITJ, Dr. Rohit Mehra, Associate Dean Research, Dr. T. Srinivasa, Mr. Raghav Sharma, Mr Hari Shanker, Founder Xovian, Dr. Samayveer, Dr. Ranchan Chauhan and Dr. Shyamkiran Kaur were also present in the event. The vote of thanks was proposed by Dr. Shyamkiran Kaur.

After the inaugural ceremony, Under Rockesta’19, there was a workshop by Mr. Raghav Sharma, an alumnus of NITJ and Mr. Hari Shankar, Founders, Xovian Aerospace. The team discussed the basics of Aerospace and made the working rocket model. The workshop has seen a huge participation of around 500 students. The students were very enthusiastic and were keen on learning the different aspects of Aerospace. All the queries related to Aerospace were answered in the session.

The next day will be the rocket launch ceremony wherein actual rocket launch will be there. The judges from the Xovian Aerospace Team will judge Rocket Launch Competition and the best among them will be rewarded with cash prizes worth Rs15k.

Along with that Rocketa, Innovesta '19, a National Level Symposium was conducted in which twenty-five teams participated from colleges in and around Punjab. The event started on 5th October where the students have displayed the innovative ideas through the projects. The mega events motivated the young minds to express their ideas and will give them a hope and chance for a successful startup.

The director congratulated and lauded efforts of the Innovation club, Dr. L.P. Singh Faculty Coordinator, Dr. Samayveer, Dr. Ranchan Chauhan Dr. Balwinder Raj and Dr. Shyamkiran Kaur and the student coordinators; Ganesh, Parminder Kaur, Ramesh, Rakesh, Harry, Ripul, Devanshi, Rifat and Rakesh Kumar.





Concluding day of Two Mega Events at NITJ

October 7, 2019 (Jalandhar): To commemorate the birth anniversary of Missile Man of India, Dr. A.P. J Abdul Kalam, Innovation Club, Dr. B.R. Ambedkar National Institute of Technology organized two mega events, Innovesta '19, a National Level Symposium and Rockesta '19 on October 5-6, 2019. The event reached its culmination on October 6, 2019. Rocket launch ceremony marked the beginning of the day wherein the students witnessed takeoff phase of the flight of a rocket. Mr. Raghav Sharma, Alumnus and Founder, Xovian Aerospace diligently guided fabrication of the working Rocket model to around 500 students in Rokesta' 19. The best 15 rockets of Rokesta' 19 were selected by Mr. Sharma and launched at NITJ. The students enthusiastically participated in the rocket design workshop. The top fifteen rockets were launched along with the three rockets with can-set. Out of fifteen teams, the team Astro Rockers-Lunar won the first position followed by the Innovators – Antariksh and Brahmos – lakhsay for second and third positions respectively, all these teams are from NIT Jalandhar, however two teams from GII, Ludhiana and LPU Phagwara won consolation prizes in Rockesta 2019.

All the mini rockets were installed with boosters of capacity to achieve altitude of 150 meters, whereas the major rockets with can-sets were launched up to altitude of 200 mtrs. On the second day, Innovesta '19, a National Level Symposium saw a

display of projects by 25 teams from various institutions in and around Punjab. Team IR (Solution for Indian Railway) bagged the first prize, Tejas (Digital Hostel System) stood second and Power Zone (Electrical Screw Jack) was on the third position. The consolation prizes were presented to Dass (SPS drive), Uniago (Self driven Spray Machine), Periant (Racing Self Driving System), Reality (Reality Game).



Prof. Lalit Kumar Awasthi, Director, NITJ delivered the valedictory address and motivated the students to pursue research oriented projects that can lead to successful start-ups and said “The events aim at creating an inspiring and vibrant environment that not only helps the students but society as a whole to study and foster values, creativity and innovation culture to come up with newer technologies and innovations.” Prof. Awasthi also shared “Recently MHRD under its Innovation Cell has provided with star ratings to different Institute Innovation Councils of

various Institutes in north-west region and under this in the category of NIT's, Dr. B.R. Ambedkar National Institute of Technology Jalandhar has been placed at 21st position out of 143 institutions with three star rating. He further added that NIT Jalandhar is the first NIT to appear among all IITs and NITs of North-West region. He congratulated and lauded efforts of Chairman of Institute Innovation Council, Professor R.K Garg and Faculty Coordinator, Innovation club, Dr. L.P. Singh, all faculty members and students of the institute for their continuous efforts towards innovation and creativity. Prof. Awasthi congratulated students for being a part of Rokesta'19 and Innovesta' 19 that will definitely help to boost creativity and innovation in their careers. The Mega Events concluded with the prize distribution ceremony. The event was witnessed by more than 600 students and Dr Pamita Awasthi was the Guest of the day, Dr Srinivasan, Dr Shyam Kiran Kaur, Dr Ranchan Chuhan, Dr Kapil Kumar Goyal, Dr S k Pahuja, Dr Vikram jeet Singh and other family members of NIT Jalandhar



