

ACTIVITIES OF IDEA INNOVATION CELL

ABOUT US:

Idea Innovation Cell (IIC) is the official innovation club of VSSUT, Burla. IIC is well known for its work in the field of innovation and research. Founded by Bodhisattwa Sangapriya in 2016, the club was an initiative to solve community problems and enthuse the spirit of innovation culture. A group of budding innovators, IIC has come up with many exceptional projects that have been felicitated on numerous esteemed platform all across the globe. To promote the tradition of innovation, it has come up with many effectual events that intrigues the essence of innovation and technology.

2021

1. Team Krishiseva consisting Debraj Patra, Snehal Saurav, Gyana Ranjan Sahoo and Rohit Kumar Das, and Team Garuda comprising Ritesh Nanda, Prasenjit Ghose, Tushar Ranjan Das and Suparna Biswal have marked their triumph by making it to Top-100 teams all over India in 5G Hackathon, an eminent rostrum for budding technocrats and innovators to showcase their ideas. We congratulate both the teams for this tremendous success and wish them all luck for the upcoming endeavors.



2020

1. Idea Innovation Cell also conducted Maker Mela Odisha 2.0 along with our technical fest on 12th and 13th March, 2020. A programme to felicitate the ignite awardees was also conducted simultaneously.

2. Maker Mela Mumbai:

Two teams of Idea Innovation Cell had even participated in Maker Mela Mumbai 2020 and emerged amongst the top 100 makers of the country.



3. L&T's CreaTech 2020 :

Team Infinity Loop comprising of three of our club students Suparna Biswal, Ritesh Nanda and Swayasi Sthithapragya of the Idea Innovation Cell won 2nd runner's up at L&T's CreaTech 2020 , on 6th March, 2020. Their project " UJJWAL": a variable intensity light was highly appreciated by the dignitaries. It was a combination of advantages of led and sodium vapour lamp to create a light of high efficiency, intensity and low power consumption whose intensity can be varied through an IOT enabled app.



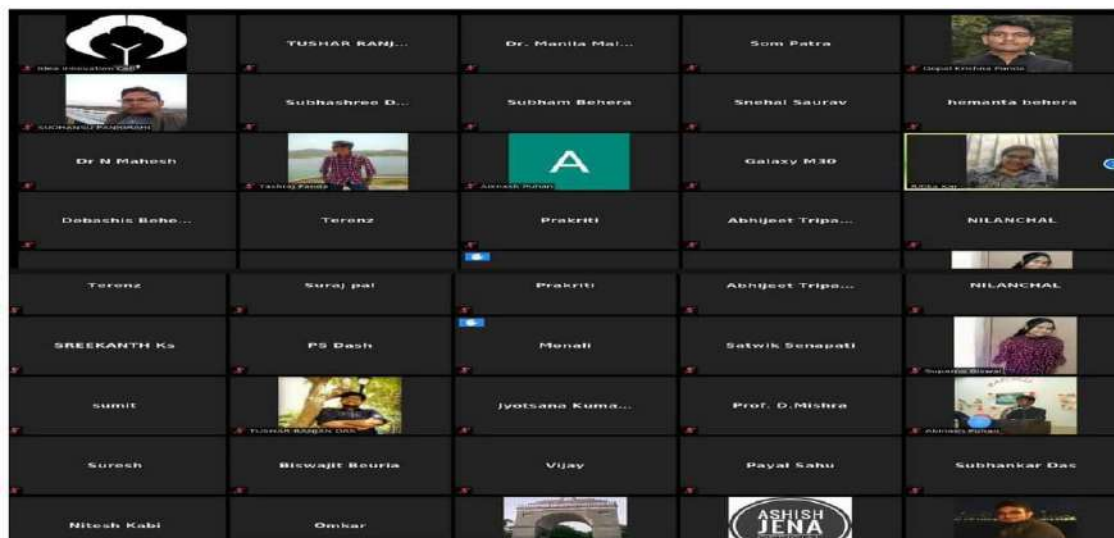
4. Tata Crucible Hackathon 2020:

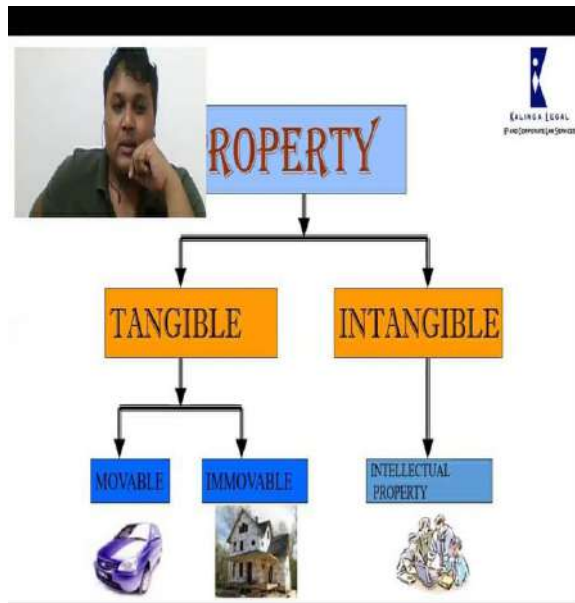
This year, we had one more achievement as Team Tech2Buzz consisting of Yashraj Panda, Mukesh Nayak, Gyanaranjan Sahoo, Rohit Kumar Das and Ayush Pandey of Idea Innovation Cell emerged as Runners Up in Tata Crucible Hackathon 2020 Eastern Zone Final.



5. Webinar on Intellectual Property Rights:

Amidst the quarantine, we organized the first ever webinar of the PIES series on "Intellectual Property Rights" for the students to enhance their interest in copyrights, patents, trademarks and trade secrets. The adepts in this field, Som Patra Sir (Founder of Kalinga Legal Services) and Abinash Kumar Puhan Sir (Group A gazetted officer, Intellectual property office) were the speakers in this technical caucus.





Learning Objectives

1. Format of a patent application
2. Understanding Novelty, Inventive Step and Industrial Applicability
3. Non-patentability Criteria
4. Familiarizing with how a patent examination system works
5. Prior Art Search
6. Case study-1: Inventive Step Analysis
7. Case Study-2: Infringement
8. Filing & Cost

6. Webinar on Blockchain:

We also conducted (in collaboration with Enigma), the second webinar of PIES series on "Blockchain" by Ms. Debajani Mohanty Ma'am to enhance the knowledge of students in this sector.





Who am I?

- 10+ years experience in industry involving large scale projects across verticals.
- Blockchain Solution Architect implementing 7 pioneer projects on Blockchain globally.
- Author of Amazon bestseller "BlockChain From Concept to Execution", "Ethereum for Architects and Developers", "R3 Corda for Architects and Developers", "Ripple and Stablecoins: Building Banks of Tomorrow"
- Author of "Blockchain for Self Sovereign Digital Identity"
- Keynote speaker at many national and International events, Mentor, Practitioner







7. Hack For COVID-19:

On April 2020, IIC conducted an online hackathon called “Hack For COVID-19” for the university students and provided them a rostrum to present their ideas on how to deal with COVID-19.



The poster features a dark blue background with a network of white and light blue lines connecting dots. At the top left is a white logo of a person with a lightbulb above their head. At the top center, the text 'IDEA INNOVATION CELL' and 'VSSUT BURLA' is displayed in white. At the top right is a small crest. The main title 'HACK FOR COVID-19' is in large, bold, white letters, followed by the subtitle 'LIST OF ROUND -II QUALIFIERS' in a slightly smaller font. Below this is a table with two columns: 'TEAM' and 'INSTITUTE'.

TEAM	INSTITUTE
1. vector	College of Engineering and Technology
2. KALATAAL	Jawahar navodaya vidyalaya
3. Sena Group	Jyothy Institute of Technology
4. Frosty jawbreakers	Kalinga Institute of Industrial Technology
5. Digantika bose	Memari v m Institution
6. coronix	MSIT
7. Dynamic hackers Covid 19	National Institute of Technology, Rourkela
8. ZINDEGI	ODM Public School
9. Apollo	Silicon Institute of Technology
10. Team complexity	Trident academy of Technology
11. Team endeavour	Trident Academy of Technology
12. SSVM8	Veer Surendra Sai University of Technology
13. elrago_07	Veer Surendra Sai University of Technology
14. D20	Veer Surendra Sai University of Technology
15. Shooting stars	Veer Surendra Sai University of Technology
16. Star	Veer Surendra Sai University of Technology
17. Error 404	Veer Surendra Sai University of Technology
18. Swayam	Veer Surendra Sai University of Technology
19. Savvy	Veer Surendra Sai University of Technology
20. Tech spyder	Veer Surendra Sai University of Technology
21. Social distancing and Covid-19	Veer Surendra Sai University of Technology
22. TheSSwolf	Veer Surendra Sai University of Technology
23. Alone fighter	Veer Surendra Sai University of Technology
24. Dynamite	Veer Surendra Sai University of Technology

8. SIIE- SRISTI BioNEST Grassroots Innovators Talk:

We also had a talk by SIIE- SRISTI BioNEST GRASSROOTS INNOVATORS TALK which brought us the glimpse of the need and changes due to grassroot innovations. Ayush Pandey, an innovator and a part of our team, was one of those who shared their journey on that platform. He explained us about low cost portable kiln, which is a user adaptive solution for craftsmen and the communities who make earthen pots and plates, combining the modern day concepts and primitive methodology which will provide low cost solution for baking earthen pots.



9. YATS 2020:

Team VSLV of Idea Innovation Cell was even invited at Young Astronomer Talent Search (YATS) 2020 organised by TATA Steel in collaboration with Pathani Samanta Planetarium on virtual platform. Anas Ahemad Khan, Yashraj Panda and Partha Sarathi Dash represented the team.



2019

1. Peek A Probe 2.0:

On Jan 2019, Idea Innovation Cell came up with Peek A Probe 2.0, an event that provides a rostrum to young minds to showcase their unique ideas based on Agriculture, Smart City, Green Energy, Rural Development and Healthcare.

2. Hackathon on Road Safety:

On 30th- 31st March 2019, three teams from our club reached through the Grand Finale round of Hackathon on Road Safety organised by Indian road safety campaign in association with Ministry of Road Transport and Highways, Government of India, United Nations and Bosch India at IIT Guwahati.



3. Anweshan 2019:

Our Team Spine-Care had participated at Anweshan 2019 Innovation Fellowship organized by Analog Devices, Inc.. Received the award from Mr.Sai Krishna Mopuri, MD - Analog Devices (India) by bagging the 2nd Runners Up position and getting the prize money of 1,00,000 INR.



4. IIGP 2.0:

In IIGP 2.0, Team consisting Bibhu Panda, Soumyajit Mohapatra, Prasant Kumar Sahoo and Anshuman Pattanaik the competition and bagged the prize money of 10,00,000 INR.



5. Under the guidance of Dr. Pradeep K. Sahu, the team had participated in DRDO International Conference IEEE at ITR Chandipur.



6. BIRAC National Innovation Challenge:

The team had also emerged as the grand winner of BIRAC National Innovation Challenge for the Innovation Senio Care, which is a smartphone-based Breast Cancer Early screening device.



7. Technical Workshop:

On 25th and 26th April, 2019, Idea Innovation Cell organised a first-of-its-kind two day Technical Workshop on Launch Vehicle Technology to impart knowledge on Ground Station and Telemetry, Guidance and Control, Materials and Propulsion, Pyro and Separation System, Range Safety and Precautions. The Workshop hosted 11 eminent speakers from different centres of Indian Space Research Organisation (ISRO).



8. Space on Wheels:

Idea Club of VSSUT Burla also conducted an event called “Space on Wheels” with due support from ISRO.



9. YATS 2019:

Considering all the achievements of the team, Team VSLV was invited to “Young Astronomer Talent Search- 2019” organised by TATA Steel at Pathani Samanta Planetarium to inspire the school going students about space and rocketry.



10. On the occasion of the Platinum Jubilee Celebration of the Rajendra University at Balangir, IIC was invited to showcase their innovative projects. The club represented by Snehal Saurav, Mukesh Nayak, Biswajit Beuria, Sovit Acharya, Soumya S. Nayak, Ritesh Nanda, Prasenjit Ghose, Nishant Ray, Kedarnath Sahoo and Partha Sarathi Dash, got applauded for its projects including the rice transplanter, load-carrying device and thermal storage battery.



2018

1. DST-BIRAC Innovation Challenge:

One of the major achievements that IIC acquired was on 20th March, 2018. Bodhisattwa Sanghapriya of Idea Innovation Cell earned the DST-BIRAC Innovation Challenge Award BIRAC (Department of Biotechnology Govt of India) and was granted an amount of 15 Lakhs.



2. The Idea Club even presented numerous innovations and start up to our Hon'ble chief minister Shri Naveen Pattnaik at Odisha secretariat which was conducted on 20th of March 2018.



3. Sociovation 3.0:

Ranjan Panda of Idea Innovation Cell had bagged 2nd Runner's Up in Sociovation 3.0, a Pan India B-Plan competition on social innovation organized by Technology Development Board, DST with UK aid, on 20 April 2018 for pitching Manual Rice Transplanter Machine.

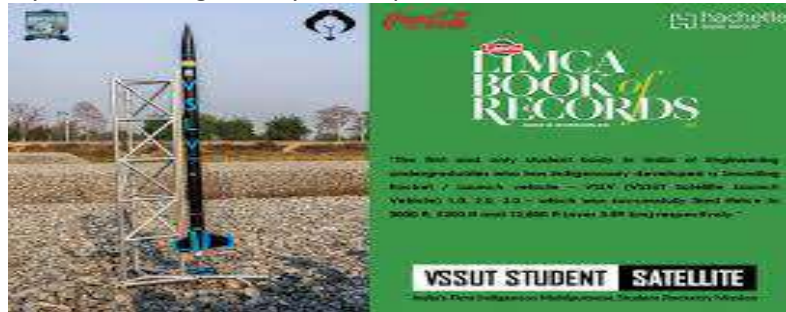


4. Maker Mela Odisha:

To appreciate the emerging grassroots innovations, IIC had conducted the first Maker Mela of Odisha from 19th-21st May, 2018.

5. Limca Book Of Records:

The VSLV Team got registered in Limca Book of Records for being the first and only student body to have indigenously developed and launched Rockets.



6. IIGP 2.0:

A team of 4 students of Idea Club - Jaswasi Sahoo, Sovan Panda, Sudarshan Samal, Tatwam Siddha were the winners of University Challenge, India Innovation Growth Programme 2.0, by DST, Government of India, Lockheed Martin and Tata Trusts. Along with being felicitated by the eminent presence of dignitaries as Mr. Ramesh Abhishek, secretary DIPP, Mr. Robbie Samanta Roy, VP Lockheed Martin Corporation, Prof. Ashutosh Sharma, Secretary DST, our team was also rewarded a grant of 10 Lakhs for further development of the product, on 2nd August 2018 in New Delhi.



7. Anveshan 2018:

Our team was also the Grand winner of Anveshan 2018 Make for India Innovation contest that was organized by Analog Device Inc. conducted at Bangalore on 6th of August 2018.



8. Innovision 2018:

Adding to the venture, our VSLV team represented by members Anshuman Pattanaik, Bibhu Panda, Sanjeev Dash, Markandeya Mohapatra, Amartya Mohanty, Rohit Tekriwal, Lakshya Agrawal were summoned to Innovision, NIT Rourkela's Annual TechFest of National Institute of Technology on the 3rd and 4th of November 2018,



where our team presented a Keynote Session and Tech Exhibit.

1. The Idea Innovation Cell at VSSUT, Burla was officially inaugurated on 21st of November, 2018 by MHRD Ministry of Human Resources and Development, Government of India.



2. On 25th November 2018, Idea Club Team was honoured by Nuakhai Samman, by Dr. Ashwini Pujari, Director VIMSAR and Shri Durga Padhi.



3. Our team even got an opportunity of one-day visit at DRDO Integrated Test Range Chandipur on 19th December 2018 and visited the optical Centre, Radar Unit, Mission control centre, Launch complex, bird sanctuary and deer park , Range HQ. We beheld a live launch of small missile of 3km range.



4. On 20th December 2018, VSSUT's Student Satellite Team interaction with Hon'ble ISRO (Indian Space Research Organization) scientists.

