

REPORT ON THE INNOVATION, INCUBATION & ENTREPRENEURSHIP DEVELOPMENT CELL (IIEDC) OF MEGHNAD SAHA INSTITUTE OF TECHNOLOGY (MSIT)

- The Innovation, Incubation & Entrepreneurship Development Cell (IIEDC) of Meghnad Saha Institute of Technology (MSIT) was formed on 03.03.2015.
- Addressing the challenges in the field of farming, the team of five students under the guidance of Dr. Sudip Dogra from Meghnad Saha Institute of Technology developed an Automated Irrigation System “**Xencom**” to solve a real-world problem and became the first-runner up at “**The Texas Instrument Innovation Challenge India Design Contest**” organized by **Texas Instrument, India** in June, 2015 and awarded by a Trophy and winning amount of USD 5000 from our beloved late President Prof. A.P.J. Abdul Kalam. The competition saw 11,200 participants from 654 different engineering colleges in India. The project was first runner-up out of initially 3200 projects selected from all over India. The five students are Anik Dutta, Suman Basak, Priyanjit Kumar Ghosh, Sourav Sinha and Mostafa Kamal Mallick of Meghnad Saha Institute of Technology.
- Innovation, Incubation and Entrepreneurship Development Cell (IIEDC) of Meghnad Saha Institute of Technology invited Mr. Avelo Roy, the young entrepreneur from U.S., on 17.08.2015 for a speech. The program topic is “**Success Mantra from a US Entrepreneur**”. Avelo Roy has been featured on CNN Money, Huffington Post, ABC7& Chicago Tribune among other news publications for his contributions to innovation and entrepreneurship.
- The Innovation, Incubation and Entrepreneurship Development Cell (IIEDC) of Meghnad Saha Institute of Technology (MSIT) invited its students to participate in a innovative business plan competition “**XCOGITATION 2015**” detailing their unique business idea. 10 teams with a total of 34 participants presented their plan on 06.11.15.
- “**MEGHOJYOTI- Pupil glow LED lamp**” is being developed by IIEDC in association with Electrical Department of MSIT. The department of electrical engineering, MSIT organized a 4 day workshop on “project conceptualization and implementation” on 11th to 14th January, 2016. The students were sent to **Industrial India Trade Fair 2016** to display and promote their product.
- The Innovation, Incubation & Entrepreneurship Development Cell (IIEDC) of Meghnad Saha Institute of Technology (MSIT) signed MoU with **The National Entrepreneurship Network (NEN)** is Wadhvani Foundation.
- Won 2nd prize,10k rupees in “**Cross-Hack 2016**” organised by R G KAR MEDICAL COLLEGE, for Doc Assist, a wireless robot capable of handling patients with treatments and testing many medical parameters and senses emergency O.P.D. and I.C.C.U units without control of any doctor or individual. Abhinaba Ghosh (ECE 4th yr), Zeeshan Qadir (ECE 4th yr), Wasim Reja (ECE 4th yr) and Md Masud Sarkar(ECE 4th yr) represented MSIT.

- The Innovation, Incubation & Entrepreneurship Development Cell (IIEDC) of Meghnad Saha Institute of Technology (MSIT) **Participated for E Week 2016 (20th-27th February 2016)** and registered the same with NEN. The following programs were conducted by IIEDC-
 - Innovation, Incubation and Entrepreneurship Development Cell (IIEDC) of Meghnad Saha Institute of Technology (MSIT) organized an “**Interactive Management seminar on Management, Employment & Entrepreneurship**” on 25th February 2016 to encourage more startups. The seminar was on the necessity of startups and the route to a successful startup. This seminar was conducted in the NEN e- week of February 2016.
 - Students of Meghnad Saha Institute of Technology (MSIT) participated and exhibited with stalls at the **Industrial India Trade Fair, Salt Lake, Kolkata, 2016** during NEN e-week 2016.
 - Innovation, Incubation and Entrepreneurship Development Cell (IIEDC) of MSIT conducted “**Business Plan Competition**” where the participants presented their plans on a new business. This event took place during e-week 2016 on 22nd February 2016.
 - Innovation, Incubation and Entrepreneurship Development Cell (IIEDC) and MSIT conducted **Q-BIZ (Quiz on Business, Finance & e-commerce)**.The event was conducted during e-week 2016.
 - Innovation, Incubation and Entrepreneurship Development Cell (IIEDC) and MSIT conducted “**Innovative Idea Challenge 2016**”. The event was conducted during e-week 2016.
 - “**Interactive seminar by with Mr. Subho Samanta, Former Vice President of Atos India**” by Innovation, Incubation and Entrepreneurship Development Cell (IIEDC) was conducted on 26th February 2016 i.e. during e-week 2016 to encourage startup plans among engineers and provide an able guidance to a crude plan.
- The Innovation, Incubation & Entrepreneurship Development Cell (IIEDC) of Meghnad Saha Institute of Technology (MSIT) **Participated for E Week 2016 (20th-27th February 2016)** and registered the same with NEN. **IIEDC received Runners-Up Award for the activities conducted during E-week 2016(20th-27th February 2016)**. According to NEN, we are one of the top 40 engineering/Management colleges of India who are selected for this award, out of more than 1600 such colleges participated in celebrating E Week 2016.

- The Innovation, Incubation & Entrepreneurship Development Cell (IIEDC) of Meghnad Saha Institute of Technology (MSIT) coordinated with meritorious students for the 2nd Edition of “NASCCOM eSummit 2016” at Eastern Zonal Cultural Centre (EZCC), Salt Lake in Kolkata held on 19 February 2016 , Friday. This event was based on the theme of 3E - Education, Employability and Entrepreneurship - where various practitioners from the Indian software industry deliberated on these issues to the students. To encourage the students, at the eSummit, Dewang Mehta Foundation Trust felicitated topper students (First/Second/Third) from each stream of Information Technology, Computer Science, Electronics & Telecommunication, Computer Applications and Electrical Engineering with “Dewang Mehta Excellence Award“.
- IIEDC has designed a logo and a facebook page to generate awareness related to its activities. IIEDC has also prepared a website www.iiedc.msitonline.org to generate more awareness related to its activities.
- IIEDC, the E-Cell of Meghnad Saha Institute of Technology, has organised an intra-collegiate exhibition-cum-competition”Innovation Challenge 2016" on 27th -28th April 2016. 25 projects from 5 streams with 83 participants competed during the event.

The event was held in association with

- IEEE KOLKATA SECTION
- IET KOLKATA NETWORK
- ACM STUDENT CHAPTER
- NATIONAL ENTREPRENEURSHIP NETWORK (NEN)
- GATE FORUM

For the event "Innovation Challenge 2016", IIEDC has provided a total cash prize of INR 18000 and also funding several projects for realization.

- **IIEDC** have launched **three-year** student curriculum for entrepreneurship of Wadhvani Foundation’s Curriculum Program.
- Students of MSIT and IIEDC members secured **First Position** in the event titled “**PAVE THE WAY**” organized by **IEST, Shibpur** on 10th and 11th August 2016.
- Students of MSIT and IIEDC members secured **First Position** in Creation the event titled “**SHARE THE FUTURE**” in true spirit at **Trajectory 2016** organized by **Jadavpur University** department of Mechanical Engineering.
- **Meghnad Saha Institute of Technology has been empanelled into the Pradhan Mantri YUVA Yojana (Formerly Known as UDYAMITA).** MSIT is one of the only 223 project institutes empanelled across India. This is indeed a good initiative from our end to support startup India through Wadhvani Foundation and Ministry of Skill Development and Entrepreneurship (MSDE) for fostering the diversified entrepreneurship initiatives at MSIT.

- A group of IIEDC-MSIT alumni are presently working under **Tagore Centre for Green Technology Business Incubation (TCGTBI), IEST** for a project named "Agri-tek".
- We are conducting the Wadhvani Foundation's Curriculum Program on entrepreneurship. This is **three-year** student curriculum for entrepreneurship. All these are certificate programs are offered through our college:
 1. Orientation: WFNEN 100 – Orientation Program in Entrepreneurship
 2. Discover: WFNEN 101 – Basic Program in Entrepreneurship
 3. Practice: WFNEN 102 – Foundation Program in Entrepreneurship
 4. Start Up: WFNEN 103 – Intermediate Program in Entrepreneurship
 5. Growth: WFNEN 104 – Advanced Program in Entrepreneurship
 6. Expansion: WFNEN 105 – Expert Program in Entrepreneurship
- Anupam Singh (CSE 3rd yr), Rohit Gupta (CSE 3rd yr), Ashish Kumar (CSE 3rd yr) and Dibyajyoti Hazra (ECE 4th yr) have won the "**Infocom Future Leadership Awards (IFLA) 2016**" in the student category. They received the IFLA 2016 trophy and prize money of Rs 50,000.
60 teams submitted their business ideas in the student category, 20 teams got shortlisted, 5 selected on the basis of public rating, 5 teams gave presentations to jury and 3 teams received the prize.
- Anupam Singh (CSE 3rd yr) received **First prize** in B-Plan competition at "Entrepreneurship Development Workshop 2017" organised by Department of Economics of Presidency University.
- Anupam Singh (CSE 3rd yr) received **First prize** in B-Model competition at "Srijan - Annual Techno Management Fest 2017" organised by Jadavpur University.
- Anupam Singh (CSE 3rd yr) received **First prize** in B-Plan competition at "Eureka" at Innovacion 2017 organised by Institute of Engineering and Management (IEM), Kolkata.
- 10 stalls for MSIT students were allotted by MAKAUT for their INDUSTRY ACADEMIA CONCLAVE funded by WBUT TEQIP -II Programme on 25 -27 March, 2017 at Milan Mela Prangan. 10 innovative product / prototype/ projects were showcased in 10 stalls. **The second prize for innovation and stall went to MSIT for RETINA – A ray of hope (a smart stick for the visually impaired).** Sarthak Chakraborty (EE, 3rd yr) and Sukanya Sen (EE, 3rd yr) represented MSIT for RETINA.