

## Report on Awareness of Trends in Technology

Regular seminars and workshops are held to enhance students' understanding of current trends in manufacturing methods in business. These programmes aid in producing graduates who are prepared for the workplace.

Additionally, industrial visits are made to expose students to the realities of the workplace. They give students a great chance to learn everything there is to know about business operations.


Name of the capability enhancement program	Year	Name of the agencies/consultants	Objective
Seminar on Future Aspects of Engineering and Technology	2022	Dr Bishaljit Paul, HOD, EE Department, Narula Institute of Technology	Awareness of Future Aspects of Engineering and Technology
Workshop on Prototype/Process Design and Development-Prototyping	2022	Mr. Ishan Bajpai. CEO MELT, Kolkata	Knowledge gain about development prototyping
Workshop on Intellectual Property Rights and IP Management for Startup	2022	Mr. Samparti Basant, Managing Partner, Panasian IP Services	Knowledge gain about Intellectual Property Rights
Industrial Visit to Euphoria GenX, Group I	2022	Ms. Rupa Saha, HOD, CA Department, Narula Institute of Technology	Industrial Exposure about software development process
Industrial Visit to Euphoria GenX, Group II	2022	Ms. Rupa Saha, HOD, CA Department, Narula Institute of Technology	Industrial Exposure about software development process
Workshop on Business Model Canvas	2022	Mr. Atanu Roy Chowdhury, Founder, Capsule Labs	Knowledge gain about business model canvas
Industrial visit to MSME Tool Room and Training Centre	2022	Dr. Sandhya Pattanayak, Associate Professor, ECE Department, Narula Institute of Technology	Industrial Exposure about MSME tool room
Industrial Visit to Incubation Centre, NASSCOM	2022	Dr Sandhya Pattanayak, Convenor, MHRD Cell, Narula Institute of Technology	Industrial Exposure about incubation centre
Robotics Workshop	2022	Dr Bansari Deb Majumdar, HOD, EIE Department, Narula Institute of Technology	To obtain knowledge about the robotics workshop
Industrial Visit to Kolaghat Thermal Power Station	2022	Dr Bansari Deb Majumdar, HOD, EIE Department, Narula Institute of Technology	Knowledge gain about working of a thermal power station
Two weeks Industrial Camp on Why to Built your expertise in Core Engineering	2022	Dr Bansari Deb Majumdar, Convenor and HOD, EIE Department, Narula Institute of Technology	Knowledge gain about the latest trend in technology

Innovation Development, Technology Readiness Level (TRL), Commercialization and Technology Transfer	2022	Mr. Sanket Sarkar, Founder and CEO of ZERON	Knowledge gain about Innovation Development, Technology Readiness Level
Webinar on Achieving Problem Solution Fit and Product Market Fit	2022	Mr. Tapas Piplai, CEO, Capability Enhancement Center	Knowledge gain about Achieving Problem Solution and Product Market Fit
Virtual Industry Visit, Steel Authority of India Ltd, Bokaro Steel Plant	2022	Mr Rakesh Kumar, Construction Manager, L & T Ltd	Knowledge gain working of Steel Authority of India Ltd
Design Thinking, Critical Thinking and Innovation Design	2022	Dr. Arijit Banerjee, Director Ramaesis RPL Perfect	Knowledge gain about design thinking, critical thinking and innovation design
Fostering Creativity and Innovation in Science and Technology	2022	Prof Dr. Alok Misra, Indian Institute of Science, Bangalore	Creating interest towards innovation in science and Technology
Industrial Visit at Mukesh Hyundai Group II	2021	Dr. Bikash Panja, HOD ME Department, Narula Institute of Technology	Knowledge gain about manufacturing process
Industrial Visit at Mukesh Hyundai Group I	2021	Dr. Bikash Panja, HOD ME Department, Narula Institute of Technology	Knowledge gain about manufacturing process
AICTE Sponsored Study Tour - ATAL Tunnel, Rohtang, Himachal Pradesh	2021	Prof (Dr.) Biman Mukherjee, CE Department, Narula Institute of Technology	To study different features of Tunnel
Hands on Workshop on Machine Learning with Python	2021	Mr. Arnab Mandal, Trainer of Sikharthy Infotech Pvt Ltd	Knowledge gain about machine learning with Python
4th National Conference on Science, Technology and Communication Skills (NCSTCS 2K21)	2021	Dr. Sumit Nandi, Convenor and HOD, BS & HU Department, Narula Institute of Technology	Knowledge gain about science and technology
One day Virtual International Workshop on Data Science and Machine Learning Essentials	2021	Prof. Ashish Ghosh, Indian Statistical Institute	Knowledge enhancement about Data Science and Machine Learning
Demystifying Machine Learning	2021	Dr. Siddhartha Roy, Assistant Professor, Heritage College, Kolkata	Knowledge gain about basics of machine learning



**Seminar on Future Aspects of Engineering and Technology**

 **WEBINAR**

**Workshop on Prototype/Process Design and Development - Prototyping**

**Organized by**  
MHRD IIC section of NiT

**SPEAKER**

**Mr. Ishan Bajpai**  
Founder & CEO, MELT  
KOLKATA



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**8th June, 2022**  
**3 PM Onwards**

**Workshop on Prototype/Process Design and Development- Prototyping**





**Industrial Visit to Euphoria GenX Group I**



**Industrial Visit to Euphoria GenX Group II**



**Workshop on Business Model Canvas**



**Industrial Visit to MSME Tool Room and Training Centre**





### Industrial Visit to Incubation Centre, NASSCOM



### Robotics Workshop



**Industrial Visit to Kolaghat Thermal Power Station**

**NIT** | **JIS**  
JIS GROUP  
Educational Institutions

**WANT TO BUILT YOUR EXPERTISE IN  
CORE ENGINEERING???**

TWO WEEKS  
INDUSTRIAL WINTER CAMP  
IN COLLABORATION WITH  
HIGH ENDED INDUSTRIAL SETUPS OF  
**BOSCH AND REXROTH.**

**10<sup>th</sup> – 23<sup>rd</sup> FEBRUARY, 2022**  
**Center of Excellence Lab of NiT**

**BOOK YOUR SEAT NOW**

**Contact:**  
Dr. Bansari Deb Majumder  
9903768390

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**Two weeks Industrial Camp on Why to Built your expertise in Core Engineering**



**WEBINAR**

**Innovation Development , Technology Readiness Level (TRL), Commercialization and Technology Transfer**

**Organized by**  
MHRD IIC section of NiT

**SPEAKER**

**Mr. Sanket Sarkar**  
Founder and CEO of ZERON  
Member of Data Security Council of India  
Registration Link :  
<https://forms.gle/HhaKUq1smTWDWc2NA>

**11<sup>th</sup> February, 2022**  
**12 PM Onwards**

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**Webinar on Innovation Development, Technology Readiness Level (TRL), Commercialization and Technology Transfer**

**Narula Institute of Technology**  
Institution's Innovation Council (IIC)  
Presents

**Webinar on Achieving Problem-Solution Fit & Product-Market Fit**

for Mentee Institutions  
National Institute of Technology, Durgapur  
Greater Kolkata College of Engineering and Management, West Bengal  
Regent Education and Research Foundation Group of Institutions, West Bengal  
Swami Vivekananda Institute of Science & Technology, West Bengal  
St. Thomas College of Engineering and Management, West Bengal

On  
**16th February 2022 at 3 PM**

**Mr. Tapas Piplai**  
Executive Director  
and CEO  
Capability  
enhancement  
Center, CEO

**Mr. B. P. Pattnaik**  
CEO of CGU Incubators  
Odisha

**Speakers**

organized by IIC section of Narula Institute of Technology  
under the Mentor-Mentee Programme for IIC Institutions  
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**Webinar on Achieving Problem Solution Fit and Product Market Fit**



**Virtual Industry Visit**  
**Steel Authority of India Ltd.**  
**Bokaro Steel Plant**

**Coordinators**

**Mr. Rakesh Kumar**  
Construction Manager  
(Mechanical)  
L & T Ltd.

**Mr. Amit kumar Singh**  
Construction Manager  
(Electrical)  
L & T Ltd.



**Organized by**  
**ELECTRONICS & COMMUNICATION**  
**ENGINEERING DEPARTMENT**

**Coordinators**  
Mrs. Rimpi Datta  
Asst. Professor  
Dr. Anilesh Dey  
HOD, ECE Dept.

**4<sup>th</sup> February, 2022**  
**3.30 PM Onwards**

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**Virtual Industry Visit - Steel Authority of India Ltd, Bokaro Steel Plant**

 **WEBINAR**

**Design Thinking, Critical thinking and Innovation Design**  
Registration Link : <https://forms.gle/utoD3Xru5YAZT6pS6>

**Organized by**  
MHRD IIC section of NiT

**SPEAKER**

**Dr. Arijit Banerjee**  
The Toilet Man of Bengal, Executive  
Director, Ramaesis RPL Perfect  
Pause



**9<sup>th</sup> February, 2022**  
**5 PM Onwards**

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**Webinar on Design Thinking, Critical Thinking and Innovation Design**

**AICTE Sponsored**  
**Distinguished Chair Professor Scheme**

**NIT**  

**TOPIC**  
**Fostering Creativity and Innovation in Science & Technology**

**Prof. Dr. Ashok Misra**  
NASI Distinguished Professor,  
Indian Institute of Science, Bangalore,  
Former Director IIT Bombay

**2<sup>ND</sup> & 8<sup>TH</sup> FEBRUARY, 2022**  
**3 PM ONWARDS**

**Organized by**  
**Research and Development Cell**  
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**Webinar on Fostering Creativity and Innovation in Science and Technology**



**Industrial Visit at Mukesh Hyundai**



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Educational Initiatives

# AICTE SPONSORED STUDY TOUR ATAL TUNNEL

Rohtang, Himachal Pradesh, India

**27<sup>TH</sup> NOVEMBER – 3<sup>RD</sup> DECEMBER, 2021**  
For Civil and Mechanical Engineering Students

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### AICTE Sponsored Study Tour - ATAL Tunnel, Rohtang, Himachal Pradesh

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Educational Initiatives

**ELECTRICAL ENGINEERING DEPARTMENT**  
OF  
**NARULA INSTITUTE OF TECHNOLOGY**  
ORGANIZES  
**HANDS-ON WORKSHOP**  
ON MACHINE LEARNING WITH PYTHON  
UNDER ECSC-IE(I)

**Mr. ARNAB MANDAL**  
Trainer of Sikharthy Infotech  
Pvt. Ltd.

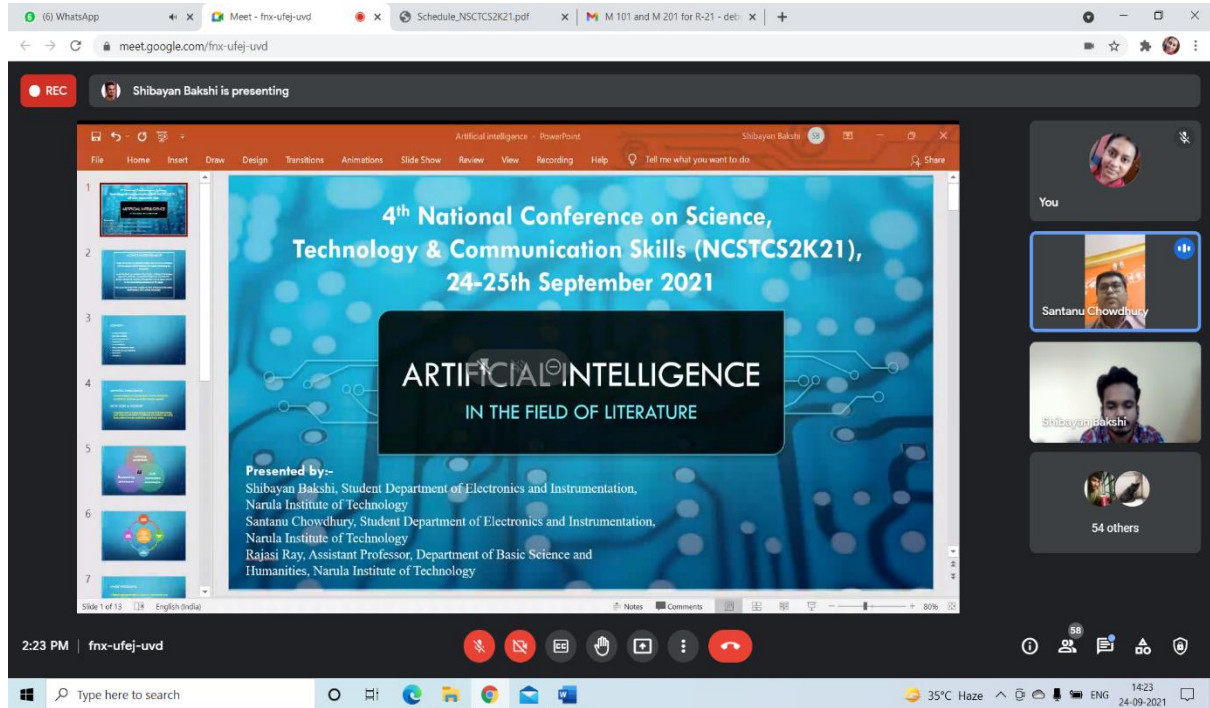
**Mr. DEEPIYAN PAL**  
Director and Founder of  
Sikharthy Infotech Pvt.  
Ltd.

\*Registration:  
<https://forms.gle/NMX3yADB0LzQ6H1V8>  
Meeting Link:  
<https://meet.google.com/xnq-ujyz-gzw>

**DATE: 30.11.2021, .**  
**TIME: 2 PM Onwards**

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### Hands on Workshop on Machine Learning with Python



**4th National Conference on Science, Technology and Communication Skills (NCSTCS 2K21)**



**One day Virtual International Workshop on Data Science and Machine Learning Essentials**





**WEBINAR ON**

## Demystifying Machine Learning



**Dr. Siddhartha Roy**  
Assistant Professor  
Dept. of Computer Science  
The Heritage College, Kolkata

**Organized by**  
Dept. of CA

**11<sup>th</sup> July 2021**  
10.30 am Onwards

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Webinar on Demystifying Machine Learning

**#webinar**



## Internet of Agricultural Things



**Prof.(Dr.) Debashis De**  
Professor , Department of Computer  
Science and Engineering & Director of  
School of Computational Science,  
MAKAUT, WB

**ORGANIZED BY**  
IEEE CAS Chapter, Kolkata Section, and  
IEEE CAS Student Branch Chapter,  
Narula Institute of Technology in  
association with ECE Department,  
Narula Institute of Technology

**4<sup>th</sup> JULY, 2021**  
**7 PM ONWARDS**

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Webinar on Internet of Agricultural Things