



#### Annual Report 2021-22 Indian Institute of Information Technology Kalyani

#### A. About IIC Institute

Vision / Mission of IIC established at the Institute

#### Vision

Establish an ecosystem to pre-incubate and nurture the innovative ideas of students and faculty members

#### Mission

Encourage better cognitive ability among students and develop a start-up/entrepreneurship supporting mechanism in the Institute

#### Journey of IIC established at the Institute

The IIC of IIIT Kalyani was established in December 2018. During that time it was supported by the IIC of the mentor institute IIT Kharagpur. The students and faculty members of IIC visited the mentor institute incubation centre for exposure on various activities. Since that time, the IIC of IIIT Kalyani is working towards developing the awareness about innovation, start-up and entrepreneurship among students and faculty members. The Institute has already signed MOU with two start-up industries and students are joining these industries during their internship programs. Several lecture series on IPR, Entrepreneurship by start-up CEOs and academicians were also arranged by IIC to encourage the students.

#### Student achievements:

Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.

IIC of IIIT Kalyani is constituted with faculty members from different disciplines, Industry personnel and experts from other Institutes and few selected students from different batches. Detail structure of the cell is as follows-

#### **Institution's Innovation Council Composition**

| Experts        | Designation                | Name  |
|----------------|----------------------------|---|
| Faculty Member | President, IPR coordinator | Dr. Oishila Bandyopadhyay, Assistant Prof.,           |
|                |                            | CSE, IIIT Kalyani                                     |
| Faculty Member | Vice President, Innovation | Dr. Dalia Nandi, Assistant Prof., ECE, IIIT           |
|                | cord.                      | Kalyani   |
| Faculty Member | Convener                   | Dr. Anirban Lakshman, Assistant Prof.,                |
|                |                            | Mathematics, IIIT Kalyani                             |
| Faculty Member | Coordinator (Start-up      | <b>Dr. Pratik Chakraborty</b> , Assistant Prof., ECE, |
|                | activity)                  | IIIT Kalyani  |
| Faculty Member | Coordinator (Social        | Dr. Sanjay Chatterji, Assistant Prof., CSE, IIIT      |
|                | media)                     | Kalyani   |

| IICs Coordinator (Student)                                       | Member          | Mr. Nimish Mishra (4 <sup>th</sup> Yr./CSE)   |
|--|-----------------|---|
| Representative from nearby Incubation Centre                     | Member          | Dr. Siddhartha Das  MS & PhD (Illinois, Urbana-Champaign, USA)  Professor, Department of Metallurgical and Materials Engineering  Managing Director, Science and Technology  Entrepreneurs' Park  Indian Institute of Technology Kharagpur  |
| Representatives of SIDBI /NABARD/Lead Bank/Investor              | Members (2)     | 1. Dr. Amrita Chattopadhyay AGM (DDM), NABARD, Nadia 6, Pallishree Road, Krishnanagar email: nadia@nabard.org, Mob: 9830148488 2. Mr. Tapu Dutta Lead District Manager, Punjab National Bank, NADIA Circle 1/4, L.K. Moitra Road, PO-Krishnagar, Nadia, PIN-741 101 Mobile no- 8918653408   |
| Technical Experts from nearby Industry                           | Member          | Mr. Partha Sarkar Academic Relationship Manager Eastern Region, Tata Consultancy Services Limited   |
| Alumni Entrepreneurs<br>from the Host Institutions<br>(Optional) | Special Invitee | NIL   |
| Students from the host institution                               | Member (17)     | Mr. Ayush Kumar Anand (4th Yr./CSE) Mr. Kunal Kumar Barman (4th Yr./CSE) Mr. Nimish Mishra (4th Yr./CSE) Ms. Samrajnee Ghosh (4th Yr./CSE) Mr. Sayan Medya (4th Yr./CSE) Mr. Apoorv Nath Mishra (3rd Yr./CSE) Mr. Gaurav Singh (3rd Yr./CSE) Ms. Akshita Dixit (3rd Yr./CSE) Mr. Abhinandan Pal (3rd Yr./CSE) Mr. Abhinandan Pal (3rd Yr./CSE) Mr. Ayush Vashist (3rd Yr./CSE) Mr. Pallav Saxena (2nd Yr./CSE) Mr. Tathagata Roy (2nd Yr./CSE) Mr. Yashraj Singh (2nd Yr./CSE) Ms. Sreeparna Ganguly (research scholar) Mr. Chiranjit Pal (research scholar) Mr. Sourabh Biswas (research scholar) Mr. Soumen Bajpayee (research scholar) |

# B. Brief mention of key functionaries at the IIC Institute

| Designation                | Name & Affiliation                          |  |
|----------------------------|---|--|
| President, IPR coordinator | Dr. Oishila Bandyopadhyay, Assistant Prof., |  |
|                            | CSE, Ph.D coordinator, IIIT Kalyani         |  |
| Vice President, Innovation | Dr. Dalia Nandi, Assistant Prof., ECE, PhD  |  |
| coordinator                | coordinator, IIIT Kalyani                   |  |

| Convener              | Dr. Anirban Lakshman, Assistant Prof.,            |  |
|-----------------------|---|--|
|                       | Mathematics, IIIT Kalyani                         |  |
| Coordinator (Start-up | Dr. Pratik Chakraborty, Assistant Prof., ECE,     |  |
| activity, Internship) | Faculty-in-charge, Internship and Placement, IIIT |  |
|                       | Kalyani   |  |
| Coordinator (Social   | Dr. Sanjay Chatterji, Assistant Prof., CSE,       |  |
| media)                | Faculty-in-charge (Industry relation), IIIT       |  |
|                       | Kalyani   |  |

# C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

• Total No. of IIC Members : 27 (twenty three)

• Total No. of IAs: 3

• Total No. of faculty Mentors From Portal: 0

• Pre-Incubation Units, If any: Nil

• Incubation Units, If any: Nil

• IP Facilitation Unit, If any: Nil

# D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

IIIT Kalyani encourages and nurtures innovative ideas of the students. Financial support is provided in organizing different creative events to the students. IIIT Kalyani Gymkhana is constituted in September 2018 to take care of all sports, cultural and technical events. IIC along with Gymkhana are arranging different events, competitions among students to nurture and encourage their innovative ideas.

#### E. Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted; 3 lecture sessions
- No. of student's & faculty ideas generated:4
- No. of student's & faculty Innovation/prototypes developed: under process
- No. of IPs generated, published and granted: NIL
- No. of Student & Faculty Start-ups/Ventures established: NIL
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus:
  - Due to pandemic situation, Institute was unable to continue awareness activities in last academic year (2020-21). Institute has plan to continue with such activities and allot fund towards honorarium of speakers for different lecture sessions that will be arranges in 2021-22 session.
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR:
  - As the permanent campus of the institute is under construction and institute in functioning from a rented campus, institute is unable to arrange space and fund to support student or faculty lead innovation
- No. of Technology Transfer and Commercialisation happened: NIL

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum

[Profile of few faculties with 2-3 line of their achievements]

#### **Faculty:**

- <u>Dr. Oishila Bandyopadhyay:</u> President of IIC IIIT Kalyani
  - Completed Innovation Ambassador training program (foundation and advance level)
  - Mentor of one of the Smart India Hackathon Winning team of IIIT Kalyani (SmartCreator)
- Dr. Dalia Nandi: Vice President
  - Completed Innovation Ambassador training program (foundation and advance level)
  - o Mentor of National Innovation Contest teams
  - o Evaluator of National Toykathon event
- Dr. Anirban Lakshman
  - Completed Innovation Ambassador training program (foundation and advance level)

#### **Students:**

- Suryansh Omar became Lead of the Google Developers Students Club of IIIT Kalyani
- Nikhil Laxminarayana had co-authored a research paper on Quantum Computing with Nimish Mishra and fellow researchers.
- Abhinandan Pal and Anubhab Ghosh's paper on "Qiwi: A beginner-friendly Quantum Programming language" was accepted to be presented at ACM SRC in association with SPLASH 2022 in Auckland, New Zealand.
- G. Highlight selected best Innovations & images with mention of inventor/innovation name
  - Oindrila Das and Ayushi Singh won Hack for Inclusion a hackathon by MLH
  - Team idli\_sambhar consisting of Vijay Shankar, Aryan Rai, Yashraj Singh and Abhishek Seth won Hack For Sports, a hackathon by Hero Motocorp.
  - Ankit Gupta got selected in the open-source program, Google Summer of Code for the 2022 session.
- H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name

#### None

List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation NIL

- J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs
  - ARIIA participated in 2021 ARIIA ranking. Ranked under basic catagory
  - NISP Adoption status Policy formulation is under progress

#### • Student Achievements

IIIT Kalyani believes in close faculty-student interaction to foster intellectual growth among students. Faculty members of IIIT Kalyani often encourage their students to excel in their ideas through project and research work. IIIT Kalyani is feeling proud to see the students' accomplishments.

#### **Student Publications**

- [1]. Nayan Ranjan Das, Ratna Priya, Imon Mukherjee and Goutam Paul, "Modified Hedonic Based Price Prediction Model for Players in IPL Auction," 12th International Conference on Computing Communication and Networking Technologies (ICCCNT), IIT Kharagpur, 6-8 July, 2021, pp. 1-7, doi: 10.1109/ICCCNT51525.2021.9580108.
- [2]. S. H. Islam, N. Mishra, S. Biswas, B. Keswani, S. Zeadally, "An efficient and forward-secure lattice-based searchable encryption scheme for the Big-data era", Computer and Electrical Engineering, Vol. 96(A), pp. 107533, 2021.
- [3]. N. Mishra, S. H. Islam, S. Zeadally, "A Comprehensive Review on Collision-resistant Hash Functions on Lattices", Journal of Information Security and Applications, Vol. 58, Article ID: 102782, 2021.
- [4]. S. H. Islam, S. Basu, "PB-3PAKA: Password-Based Three-Party Authenticated Key Agreement Protocol for Mobile Devices In Post-Quantum Environments", Journal of Information Security and Applications, Vol 63, pp. 103026, 2021. IF:3.872.

#### K. Detail of Social Media & Connections of IIC institute

• Facebook: <a href="https://www.facebook.com/iic.iiitkalyani/">https://www.facebook.com/iic.iiitkalyani/</a>

# L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

| Experts                  | Designation                | Name   |
|--------------------------|----------------------------|--|
| Faculty Member           | President, IPR coordinator | Dr. Oishila Bandyopadhyay, Assistant Prof.,      |
|                          |                            | CSE, IIIT Kalyani                                |
| Faculty Member           | Vice President, Innovation | Dr. Dalia Nandi, Assistant Prof., ECE, IIIT      |
|                          | cord.                      | Kalyani  |
| Faculty Member           | Convener                   | Dr. Anirban Lakshman, Assistant Prof.,           |
|                          |                            | Mathematics, IIIT Kalyani                        |
| Faculty Member           | Coordinator (Start-up      | Dr. Pratik Chakraborty, Assistant Prof., ECE,    |
|                          | activity)                  | IIIT Kalyani                                     |
| Faculty Member           | Coordinator (Social        | Dr. Sanjay Chatterji, Assistant Prof., CSE, IIIT |
|                          | media)                     | Kalyani  |
| IICs Coordinator         | Member                     | Mr. Nimish Mishra (4 <sup>th</sup> Yr./CSE)      |
| (Student)                |                            |  |
| Representative from      | Member                     | Dr. Siddhartha Das                               |
| nearby Incubation Centre |                            | MS & PhD (Illinois, Urbana-Champaign, USA)       |
|                          |                            | Professor, Department of Metallurgical and       |
|                          |                            | Materials Engineering                            |

|                          |             | Managing Director, Science and Technology    |
|--------------------------|-------------|--|
|                          |             | Entrepreneurs' Park                          |
|                          |             | Indian Institute of Technology Kharagpur     |
| Representatives of SIDBI | Members (2) | 1. Dr. Amrita Chattopadhyay                  |
| /NABARD/Lead             |             | AGM (DDM), NABARD, Nadia                     |
| Bank/Investor            |             | 6, Pallishree Road, Krishnanagar             |
|                          |             | email: nadia@nabard.org, Mob: 9830148488     |
|                          |             | 2. Mr. Tapu Dutta                            |
|                          |             | Lead District Manager, Punjab National Bank, |
|                          |             | NADIA Circle                                 |
|                          |             | 1/4, L.K. Moitra Road, PO-Krishnagar, Nadia, |
|                          |             | PIN-741 101                                  |
|                          |             | Mobile no- 8918653408                        |
| Technical Experts from   | Member      | Mr. Partha Sarkar                            |
| nearby Industry          |             | Academic Relationship Manager Eastern        |
|                          |             | Region,                                      |
|                          |             | Tata Consultancy Services Limited            |

M. Activities organized by IIC, IIIT Kalyani

# 1.Lecture sessions:

A. **Title of the event:** Seminar on Startup Entrepreneur

# Objective of the event

- 1. Encourage students to come up with innovative solutions to some of the most imperative challenges of present time.
- 2. Involve Director of STEP, IIT Kharagpur to guide student to form startup companies

#### Speaker

Prof. Siddhartha Das, Managing Director, STEP, IIT Kharagpur

**Date:** 27.12.2021

**No.of participants: 50** 

**B. Title of the event:** How to plan for Startup and legal and ethical steps

## Objective of the event

- 1. Encourage students to come up with innovative solutions and guide them to start startup companies.
- 2. Involve Director of STEP, IIT Kharagpur to guide student to develop skill required for successful entrepreneur

## Speaker

Prof. Partha Pratim Das, Dept. of Computer Science & Engineering, IIT Kharagpur, Former Head, Rajendra Mishra School of Engineering Entrepreneurship,

Former Professor-in-Charge, IIT Kharagpur Research Park, Kolkata, and Joint Principal Investigator, National Digital Library Project

**Date:** March 8, 2022

**No.of participants: 30** 

# 2.Ideathon 2022 by IIC IIIT Kalyani

## Objective of the event

- 1. Encourage students to come up with innovative solutions to some of the most imperative challenges of present time.
- 2. Involve successful entrepreneurs and industry professionals to guide the students

#### Panel Details

- 1. Sai Charan Kommana, CEO and Co-Founder at Forevy,
- 2. Aarnav Jindal, Product Manager at Scaler,
- 3. Professors of IIIT Kalyani :Dr. Pratik Chakraborty, Dr. Sanjay Chatterji, Dr. Oishila Bandyopadhyay and Dr. Dalia Nandi

#### **Event Details**

IIC, IIIT Kalyani conducted an intra-college ideation fest Ideathon 2022, on February 26-27. The event was an effort to nudge candidates to come up with innovative solutions to some of the most imperative challenges of our time.

The event bore witness to illustrious entrepreneurs as panelists. Sai Charan Kommana, CEO and Co-Founder at Forevv, and Aarnav Jindal, Product Manager at Scaler, along with distinguished professors of IIIT Kalyani :Dr. Pratik Chakraborty, Dr. Sanjay Chatterji, Dr. Oishila Bandyopadhyay and Dr. Dalia Nandi made up the judgment panel.

Amongst 25 teams that participated in the internal screening round, 10 teams progressed to the panelists round, where they pitched their ideas as well as their solution to the panelists. The event opened with Sai Charan Kommana giving a talk on the pathways to foster entrepreneurial mindset within the students, followed by the presentations of the teams. The event was immense in terms of the quality of the solutions proposed. Panelists apprised invaluable inputs to the teams to expedite the implementation of their ideas. The teams were contesting for a combined prize pool of Rs. 20,000.

After a grueling battle of ideas, Team Kraayon composed of Varun Jaiswal and Aayush Gupta of Batch of 2025 emerged victorious, courtesy of their brilliant idea "Tech-Tor". An outstanding effort by Vedant Mishra and Ishan Mishra saw them secure second and third places respectively. Team OG\_Farms comprising of Hamdaan Ali, Oindrila Das and

Nikhil Laxminarayana, received a special prize for the best idea presented by a team from the first year. The event ended with a vote of thanks by Dr. Oishila Bandyopadhyay, President, IIC.

The event was indeed a resounding success, nudging the students across batches to collaborate on their ideas and polish them. An environment of collaboration and innovation was certainly fostered with the help of panel members, who provided intricate value additions that will lead these ideas to the brink of success.

# 3. Story telling by successful entrepreneurs

Mr. Sai Charan Kommana, CEO and Co-Founder at Forevv, and Mr. Aarnav Jindal, Product Manager at Scaler shared their experiences with students as startup owners on 27th February, 2022.

# 4. National Science Day, 2022

#### Title of the event

"Innovative Entrepreneurs – An interactive Storytelling Event to Know Our Scientists Better"

#### Objective of the event

- 1. To recognize and remember the contributions of scientists all over the world towards the development of entrepreneurship, innovation and betterment of the society.
- 2. Raise awareness towards the importance of nurturing innovative mindset for sustainable and inclusive growth of the youth of the country.

#### Speakers Details

- 1. Inauguration Speech: Dr. Sanjay Chatterji, Assistant Professor, Indian Institute of Information Technology Kalyani
- 2. Anchors and Speaker Introducers:
- (a) Hamdaan Ali, Student, 1st Year, Indian Institute of Information Technology Kalyani
- (b) Nikhil Laxminarayan, Student, 1<sup>st</sup> Year, Indian Institute of Information Technology Kalyani
- 3. Participating Speakers:
- (a) Tejavath Om Sai Teja, Student, 1<sup>st</sup> Year, Indian Institute of Information Technology Kalyani
- (b) Raunak Sunil, Student, 2<sup>nd</sup> Year, Indian Institute of Information Technology Kalyani
- (c) Sabyasachi Paul, Student, 2<sup>nd</sup> Year, Indian Institute of Information Technology Kalyani

#### Key outcome of the activity

- 1. Students could get acquainted with scientists who served the world with their innovative ideas and ventures.
- 2. Students could connect with each other via the inspiring life stories of renowned minds.

# 5.Innovation and Entrepreneurship explosure visit at BHU on $22^{nd}$ and $23^{rd}$ April, 2022

Two days long Innovation and Entrepreneurship Explosure Visit cum Training Program was held at Banaras Hindu University on 22<sup>nd</sup> and 23<sup>rd</sup> April 2022 for the Mentee institutes under the Mentor and Mentee scheme of Ministry of Education's (Government of India) Innovation Cell. The Mentor institute was Banaras Hindu University and Mentee institutes were Indian Institute of Information Technology, Kalyani (West Bengal), International Management Institute, Bhuvaneshwar (Odisha), IIMT College of Engineering, Noida (UP), Sri Ramswaroop Memorial University, Lucknow (UP) and Jagat Taran Girls Degree College, Prayagraj (UP).

Participants of the program: Representatives came from these Mentee institutes to that program. Dr. Devesh Baid & Mr Nitin Bhushan from International Management Institute, Bhuvaneshwar (Odisha), Mr. Soumen Bajpayee & Mr. Sourabh Biswas from Indian Institute of Information Technology, Kalyani (West Bengal) and Mr. Abhishek Kumar Saxena from Sri Ramswaroop Memorial University, Lucknow (UP) were the representatives from the mentee institutes.

# 6. World IP Day-29th April, 2022

Title of the event" Celebrating World IP Day"

# Objective of the event

- 1. To engage and educate the participants about the different aspects of the Intellectual Property rights.
- 2. Raise awareness to the challenges regarding the well-being of the planet and all the life it supports.

#### Speakers Details

- 1. Speaker for 1st Session: Prof. (Dr.) Unnat P. Pandit
- 2. Speaker for 2<sup>nd</sup> Session: Dr. Malathi Lakshmikumaran
- 3. Speaker for 3<sup>rd</sup> Session: Dr. Dinesh P. Patil
- 4. Speaker for 4<sup>th</sup> Session: Prof. (Dr.) Prabuddha Ganguli

#### Key outcome of the activity

- 1. Participants learnt a lot about converting the new ideas to inventions.
- 2. Role of innovation and how to preserve our own contents or ideas were understood.
- 3. How to become successful in innovation that too were learnt.
- 4. Participants learnt about the patenting process.
- 5. Overall, the role of innovation and how to protect our intellectual properties, those things were learnt in details.

# 7.Impact Lecture Series

IIC of IIIT Kalyani organized Impact Lecture session (online) during June – July 2022. The 1<sup>st</sup> session was arranged on 9th June 2022 and 2<sup>nd</sup> session was arranged on 19<sup>th</sup> July 2022.

#### **Session I:**

Date: 9th June 2022 from 5:15pm to 8:30pm

1st speaker: Dr. Gouri A Garget, Assistant Professor (Grade I), RG School of IP Law, IIT Kharagpur

Topic: IT Organization & IPR

2<sup>nd</sup> speaker: Mr. Sai Charan Kommana, Founder & CEO at Forevy, Vijayawada

Topic: Starting-up as a student entrepreneur: The Key Arsenal

#### **Objective:**

- Focusing IPR issues in software product development
- Sharing views of an entrepreneur and discussion on difficulties faced by new entrepreneur.

There were interactive sessions among students, faculty members and speakers with expertise and experience in the respective domains. Speakers encouraged students to come up with new ideas.

No. of participants: 52

#### **Session II:**

Date: 19th July 2022 from 5:30pm to 8:30pm

1st speaker: Prof. Siddhartha Das,

Professor, Department of Metallurgical and Materials Engineering Managing Director, Science and Technology Entrepreneurs' Park

Indian Institute of Technology Kharagpur

Topic: Innovation and Startup-Entrepreneurship Ecosystem

2<sup>nd</sup> speaker: Dr. Kallol Mallick, CEO & Director, Azure Software

Topic: Challenges for New Entrepreneurs

#### **Objective:**

- Focusing Innovation-Start up ecosystem and the financial supports provided by different funding agencies of central and state government to new entrepreneurs
- Sharing views of an entrepreneur and roadmap to overcome difficulties faced by new entrepreneur.

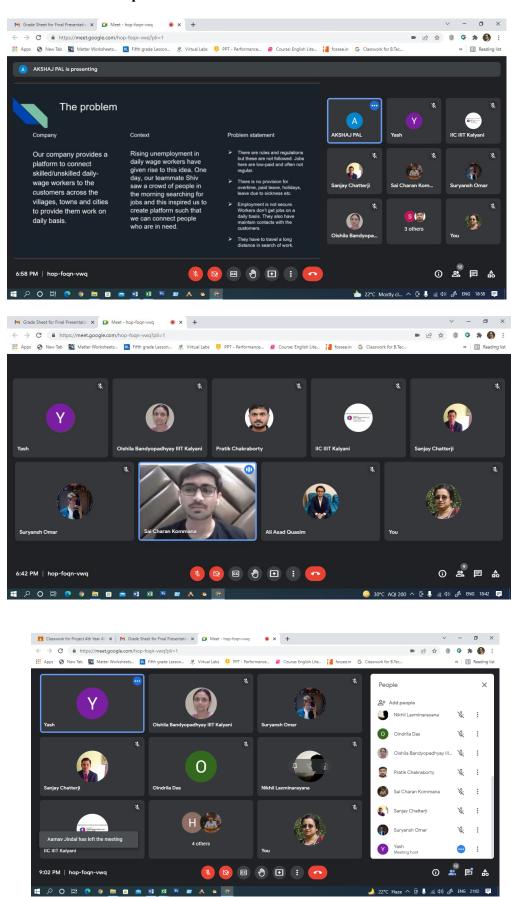
There were interactive sessions among students, faculty members and speakers with expertise and experience in the respective domains. Speakers encouraged students to come up with new ideas.

No. of participants: 31

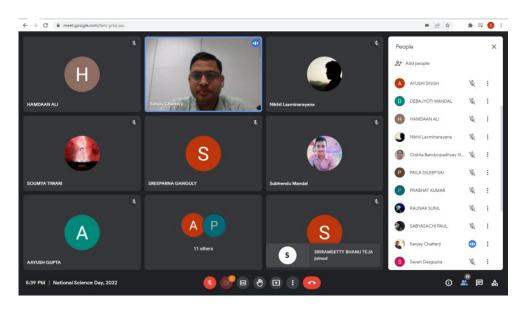
Other activities carried out throughout the year: multiple IIC meetings, student faculty interaction, mentor-mentee interaction etc.

N. Images

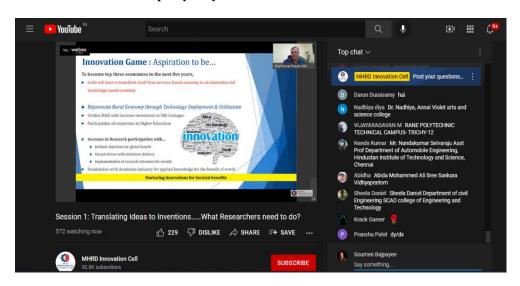
#### **Intra-Institute Competition 'ideathon"**



## National Science Day, 2022

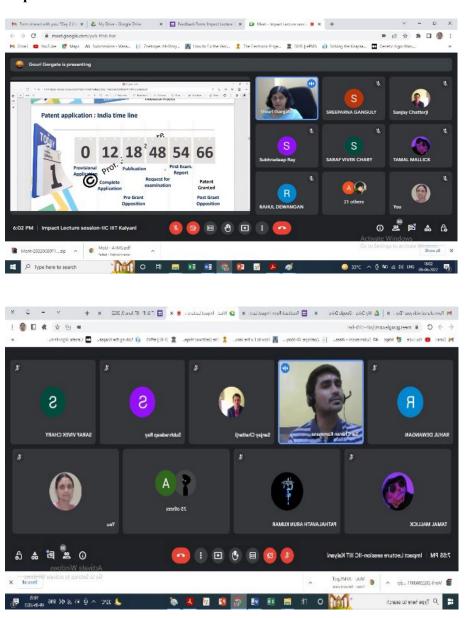


#### **World Intellectual Property Day**

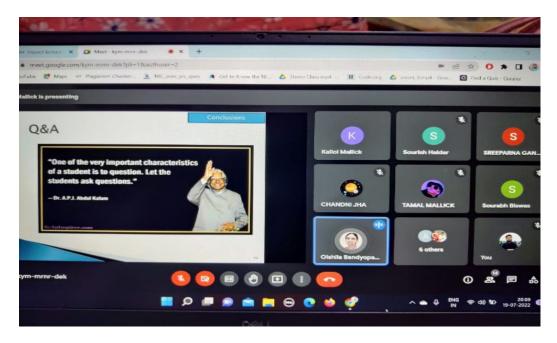




#### **Impact Lecture Series**







# **BHU Visit under Mentor-Mentee scheme**



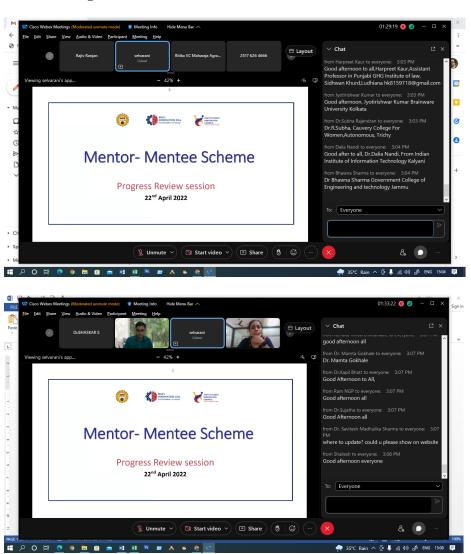




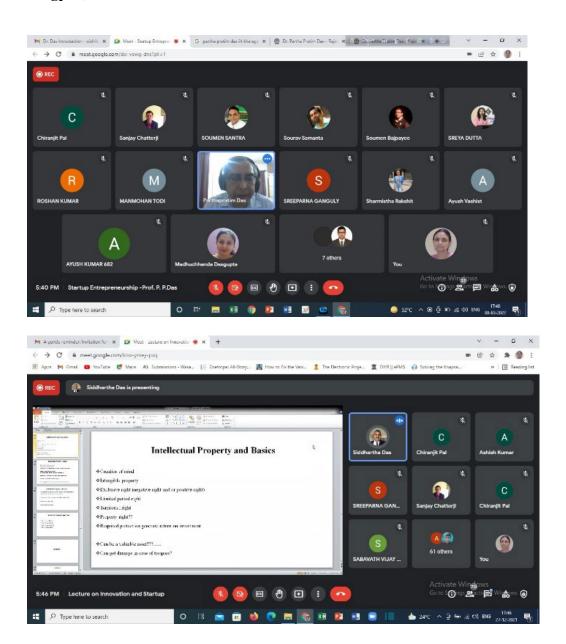




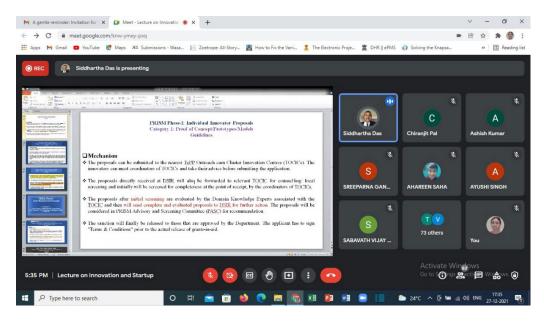
### **Revie Meeting Mentor-Mentee scheme**



# Lecture session by Prof. Partha Pratim Das, Dept. of Computer Science & Engineering, IIT Kharagpur,



#### Lecture session by Prof. Siddhartha Das, Managing Director, STEP, IIT Kharagpur



#### O. Contact

#### **Student Members:**

- a. Nimish Mishra: nimish bt18@iiitkalyani.ac.in
- b. Ayush Kumar Anand: kumarayushanand199814@gmail.com
- c. Kunal Kumar Barman: kunal bt18@iiitkalyani.ac.in
- d. Samrajnee Ghosh: samrajnee bt18@iiitkalyani.ac.in
- e. Sayan Medya: sayanmedya bt18@iiitkalyani.ac.in
- f. Gaurav Singh: gs935688@gmail.com
- g. Akshita Dixit: 436 bt19@iiitkalyani.ac.in
- h. Apoorv Nath Mishra: 443 bt19@iiitkalyani.ac.in
- i. Pallav Saxena: pallav20578@iiitkalyani.ac.in
- j. Yashraj Singh: yashrajsingh977@gmail.com
- k. Ayush Vashist: 446 bt19@iiitkalyani.ac.in
- 1. Abhinandan Pal: 429 bt19@iiitkalyani.ac.in
- m. Tathagata Roy: tathagata20617@iiitkalyani.ac.in

#### **Faculty members:**

- (i) Dr. Oishila Bandyopadhyay:oishila@iiitkalyani.ac.in
- (ii) Dr. Dalia Nandi: dalia@iiitkalyani.ac.in
- (iii) Dr. Anirban Lakshman: anirban@iiitkalyani.ac.in