

DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Assam

Visit by Shri Angshuman Dey, Joint Secretary (PM-DevINE), Ministry of Development of North Eastern Region

Shri Angshuman Dey, Joint Secretary (PM-DevINE), Ministry of Development of North Eastern Region, visited our facility. During his visit, a laboratory tour was conducted, during which a demonstration of the private 5G setup was presented.

In addition to the visit, one-day workshops were conducted for students from the following institutions:

- Sri Sankardev High School
- Regional Dental College, Guwahati
- Assam Engineering Institute, Guwahati



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Assam

Conducted classes for a winter internship program batch for the students of Assam Engineering Institute and NEHU



Conducted a demonstration of the 5G lab to a few students from Assam Engineering Institute, Guwahati.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Assam

Started a new batch for winter internship program for the students of Assam Engineering Institute and NEHU



Conducted classes for a winter internship program batch for the students of Assam Engineering Institute and NEHU



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Assam

Conducted a demonstration of the 5G lab to a few students from Assam Engineering Institute, Guwahati.



Conducted classes for a winter internship program batch for the students of Assam Engineering Institute and NEHU



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Assam

Two students visited our lab and were discussing about IoT based projects. The project is based on the Healthcare Sector.



Conducted a practical sessions for a winter internship program batch for the students of Assam Engineering Institute and NEHU



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Assam

Demonstration of the NEHU 5G lab to officials from both NEC and NERCORMS



Lab demonstration to a batch of students from Sri Sankardev High School



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Assam

Classes for a new internship program batch. The students were from Assam Engineering Institute



Practical session on 3D printing for the ongoing internship student batch



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Mizoram

Visited the Department of Industries, Mizoram at Siaha for a cluster survey, discussed their work and training programs, including handloom and handicrafts, and received an invitation to attend their upcoming workshop



Visited the Department of Industries under the Mara Autonomous District Council in Siaha for a cluster survey. Met the Officer-in-Charge, and discussed their work and training programs, including handloom.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Mizoram

Visited the Mara Autonomous district Council of the farmer's training center



Attended the PM Vishwakarma Awareness Program at the DRDO Conference Hall, Siaha. Organized by MSME with support from the Siaha DC Office and the Government of Mizoram. The scheme supports artisans with training, loans, toolkits, and market access. Key benefits include certification, stipends, and collateral-free credit.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by

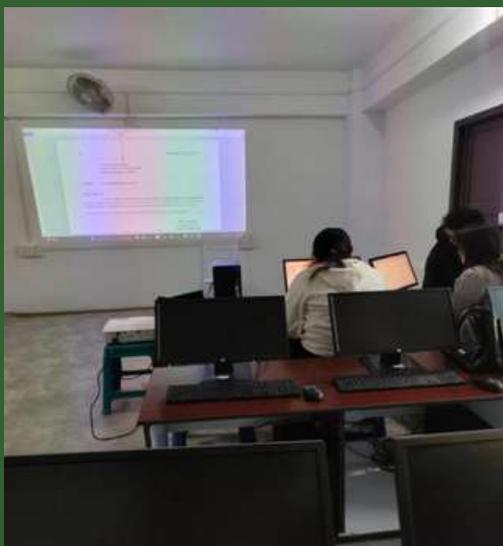


Lab Activities at 5G Lab Mizoram

Visited the Information & Technology Officer at MARA Autonomous District Council, and we discussed different works related to IT



Visited the MADC NIELIT where we discussed different works related to IT. They also gave training in DCA and CCC and others related course in IT.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Mizoram

Had a meeting with the department HOD and, we discussed the project for final year students and the HOD accepted the proposal that the 5 semester students will be doing their Major project in the 5G Lab



4th semester students visited the LAB



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Mizoram

Had a discussion on IP solutions with the final year students.



First class for office Automation.11 students attended the classe



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Mizoram

Conducted the final day of the workshop as the semester is about to end, and the college is closing for winter vacation. Four students from the BSc department participated



Have a session with Final year students and have discussions about their final project and guide them on their projects.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Tripura

Had a meeting with Professor Rajiv Biswas in charge of 5G Lab of Tripura Institute of Technology and talked about the 5G equipment present here in the Institute and wants to make the Lab live



Visited one Jio Close warehouse and discussed with them the 5G use cases that can help and secure the future of warehouses.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Tripura

Visited Meitai Bamboo Furniture Group and talked with the artisans about their manufacturing technology and their jobs.



Visited the open warehouse of Jio and discussed with the team about the facilities of 5G use cases which are implemented in modern warehouses.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Tripura

Met with the owner of Meitai Bamboo Furniture Group Mr. Shibu Dutta, and talked with him about their manufacturing unit and the infrastructure development programme



Visited another local Bamboo industry under Tripura Bamboo Mission and talked with the artisans about their work and manufacturing unit where they prepare designer Bamboo works



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Tripura

Visited a shop of Bamboo workers under Tripura Bamboo Mission and talked with them about their products and manufacturing jobs



Visited another Bamboo workers industry of Meitai Bamboo Furniture Group and met with the artisans and talked about the nature of their work environment and manufacturing



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Tripura

Visited another Bamboo works center Chakrabarti Handicrafts and met with artisans and talked about their work



Visited the manufacturing unit of a Bamboo worker named Wow Bamboo and witnessed the efforts behind the attractive works.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Tripura

Visited bamboo workers unit visited named as Ethica Handlooms and Handicrafts (OPC) Pvt. Ltd. and discovered their unique piece of kitchen utensils using bamboo works



Visited another Bamboo Furniture production unit named Bamboo Crafts and got the idea of their work procedure



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Tripura

Visited one local Bamboo workers unit named Sarkar Bamboo Handicrafts and they showed me their various types of products



Visited another manufacturing unit of Bamboo Furniture Group named Shri Krishna Bamboo Handicraft manufacture where they create good quality bamboo furniture which is very demanding in the modern crafts market.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Tripura

Checked all the equipment through as they are working properly and some readings were also checked in devices.



Visited the Senior Warehouse Executive at Reliance Industries warehouse (Jio) as he called and wanted to get the knowledge of 5G use cases in modern warehouses



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Sikkim

Visitors from Denjong Pema Choeling Academy, Pelling. The concerned faculty Tenzing Bhutia and Phipang Subba visited our lab during their visit to the college principal.



Faculties from Tourism Department visited the Lab, during some faculty programme in the college.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Sikkim

Visited Govt. Girls' Senior Secondary School and met Principal Sushma Subba ma'am and invited their new batch of students to our Lab.



Mano hang Subba from admin section visited the Lab . A demonstration was conducted from him.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Sikkim

Visited District Institute of Education and Training today and met principal Paromita ma'am and invited their students to the lab.



Visited sikkim rural livelihood mission department and met block incharge and discussed how to optimise the challenges.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Sikkim

We have a visitor from Tourism department Amit Rai in the Lab. Discussed how the lab can be helpful for the development of their department.



Faculty from sociology department visited the Lab . Certification of joining workshop from their department was given to her on behalf of the students.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Arunachal Pradesh

19 Students of ICAR Barapani, Meghalaya visited Lab. Had a good discussion about our project & ongoing activities in Lab.



Visited a Millet field along with Nodal & Some students as a part of there research work. Also discussed some field related challenges with farmers.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Arunachal Pradesh

A student from 1st year visited our Lab. Discussed about the project & equipments in our Lab. Also inform him about the sessions that we conduct.



Had a session on Smart Agriculture with 21 students of 2nd year COAP.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Arunachal Pradesh

Secretary NEC, Shillong & MLA, East Siang visited lab. Showcased to them the equipment available in the lab along with the activities happening in the lab.



2 Officials from IIMR visited our Lab.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Arunachal Pradesh

AN official from CAU Imphal Visited Lab. Described him about the project and have some discussion on what can be done more with the help of the Lab.



Attended session on IOT by Sushil Kumar, former DDG DOT with some students of COA, Pasighat in 5G Lab.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Arunachal Pradesh

Visited Millet centre of excellence in the college along with some students. Got to know about the machineries that are being used for value addition



Officials from TN Consultancy visited our Lab. We have a discussion about the IOT Kit along with other equipment in Lab.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Manipur

Visited the Lilasingh Khongnangkong High School Handicraft and Skill Training Centre today and met with the SPOC, Alish Devi Ngashem. & Ningombam Kiran Devi, We explored a collaboration focused on digitizing their handicraft sales. By developing a dedicated website or app, we aim to help them scale their business and reach a wider global market.



Had a meeting with Dr. Romesh Laishram (Associate Professor, ECE) at the 5G Lab. We agreed to involve final-year students in conducting their IP solutions on the Netra Helmet platform,



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Manipur

Visited the Directorate of Craftsman Training (DCT) and met with Mr. Yaiphaba Longjam, the Joint Director and HOD. We discussed the immense potential the 5G Lab offers for the people of Manipur. The purpose of my visit was to request a formal directive encouraging all ITI faculties, trainees, and students to visit the 5G Lab at MIT. Our goal is to have them explore the lab and collaborate on product development or IP solutions. Additionally, we explored various use cases where 5G technology can empower and enhance the work of local craftsmen



W. Punil Kanta, a student from DM College, Thangmeiband, Manipur, visited the 5G Lab. He expressed interest in the 'Smart Helmet Natra 4G' for his college project. During his visit, I demonstrated the 5G Lab's features and its potential



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by

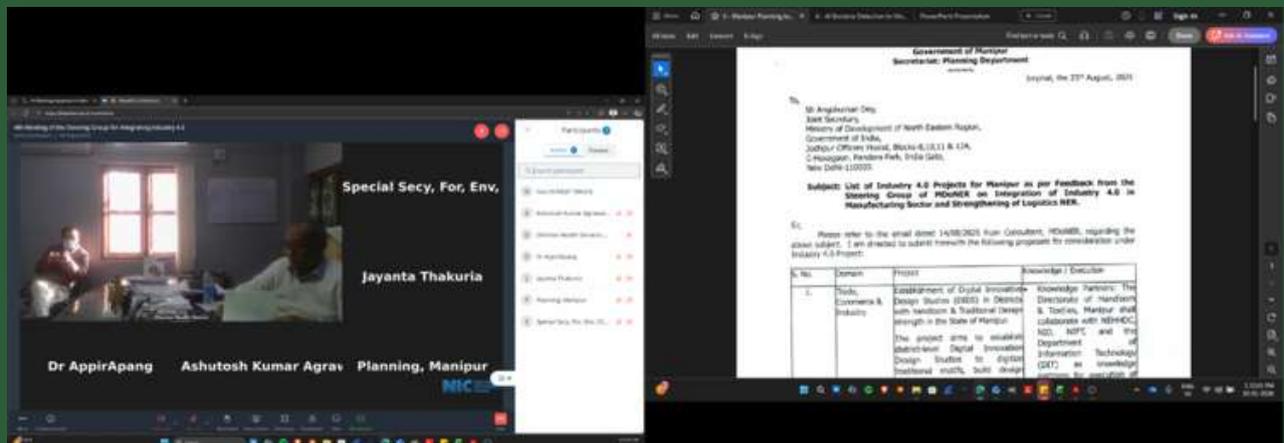


Lab Activities at 5G Lab Manipur

A. Johnson Singh (Assistant Professor, NIELIT) and Kh. Matouleibi (Osmania University) visited the 5G Lab to present their project ideas to the faculty of the MIT ECE Department. Following the presentations, conducted a comprehensive demonstration of the 5G Lab.



Attended a meeting with 4th Meeting of the Steering Group for Integrating Industry 4.0 in manufacturing sector and strengthening of logistics in NER



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Manipur

Connected with the Pushpender from the IT Team, and we resolved the IMS issue and NIAB - NG-RAN issue. Now everything is working fine.



Conducted one day workshops with batch of students from Sri Sankardev High School, Guwahati, Assam, India



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Nagaland

Connected with RD office district co-ordinator for IPs and our 5G solutions



Met Mr Aza he runs a beetal nut farm, had a follow up from last year issues and integration of new technology in his farm.



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Nagaland

Met Mr lucky learning links fountation manager, discussed on IPs and use cases solution development using latest 5G technology



Visited a cluster today where the artisans make traditional products



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Nagaland

Follow up with the team of Naga digital on their IP



Visited a government school for a workshop on 5G use cases and its impact on society



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Nagaland

Met with vocational trainer Mr Menang we discussed for more workshop and seminars in the days to come



Students from BSc visited our 5G lab for information regarding 5G courses and its benefits



DEEPENING OF SCIENTIFIC RESEARCH ON 5G USE CASES FOR SOLVING CHALLENGES OF SOCIETY

Implemented by



Funded by



Powered by



Lab Activities at 5G Lab Nagaland

Nodal officer briefs the students to take 5g course certification of information on more collaboration in the coming months

