

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

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## Activities at the Advanced 5G Lab, 5G Experience Center, Tech City, Bongora, Guwahati

Students from Kaziranga University visited the 5G Lab to explore cutting-edge technology.



Lab demonstrations showcased 5G advancements to AMTRON MD and the state government team.



Officials from AGCL attended upgraded 5G Lab demonstration highlighting advanced applications.



One-day workshop and lab demonstration conducted for 21 students from Assam Don Bosco University.



NEC officials explored 5G innovations through a dedicated lab demonstration.



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## Activities at the Upgraded 5G Lab, Immanuel College, Dimapur, Nagaland

Visit to GHS Tenyiphe and GHS Tahekuh, inviting students for post-exam 5G lab workshops and certification courses. Also discussion regarding IoT and AI device testing with a Learning Links Foundation technical trainer.



Conducted a workshop on "Industry 4.0 Digital Health Solutions for SDG 2030" at Nagaland Medical College, Kohima, attended by the Chief Secretary of Nagaland and NIMSR Director. Sessions emphasized affordable healthcare technology, with live demonstrations of portable medical devices, receiving media coverage.



Organized a 5G-enabled health equipment workshop at Naga Hospital, Kohima, for doctors and patients. Real-time demonstrations and media briefings showcased 5G applications in healthcare, raising public awareness.



Visit to St. John Higher Secondary Residential College, Dimapur to discuss mental health awareness workshops and invited students for 5G lab workshops and certification courses.



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## Activities at the Upgraded 5G Lab, Tripura University, Agartala, Tripura

External auditors visiting the university campus were invited to the 5G lab, where a demonstration was provided, highlighting its operations and responsibilities.



Officials from NERCORM and NEC visited the Tripura University lab, engaging in discussions and exploring its capabilities.



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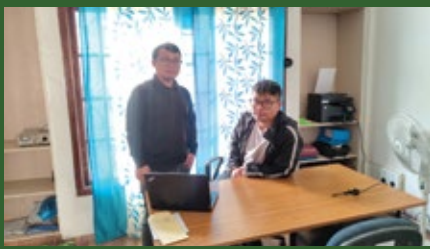


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## Activities at the Upgraded 5G Lab, Government Serchhip College, Serchhip, Mizoram

Visited the Senior Citizens Helpline office in Mizoram to discuss a mental health workshop, with their team expressing willingness to participate.



Met with the KVK Principal to discuss potential 5G applications in agriculture.



Hosted BCA students at the lab, showcasing 5G advancements.



Met with the HOD of NIT Mizoram to discuss plans for an upcoming workshop.



Met the principal of a government high school to plan a 5G technology and cybersecurity awareness campaign for students.



Conducted a campaign at a government high school to educate students on 5G technology and cyber fraud prevention.



Discussed 5G use cases in agriculture with the Assistant Manager of Raftaar Agriculture Business Incubation Center (R-ABI) and invited them to an upcoming workshop.



Visited NIELIT Mizoram, discussing 5G technology, workshops, the company's vision, and internship opportunities with faculty member C. Zoremsanga, Scientist-D.



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## Activities at the Upgraded 5G Lab, Manipur Institute of Technology, Manipur University, Imphal, Manipur

Visited the Senior Citizens Helpline office in Manipur to discuss a mental health workshop, with their team expressing willingness to participate.



Visited Paradise Academy School, met with the principal and teachers, presented the 5G Lab, and explained its benefits for students' growth. Extended an invitation to visit the lab.



Visited the NABARD office, met with the AGM, discussed the 5G Lab's potential use cases, and invited him to explore the lab facilities.



Visited Krishi Vigyan Kendra (KVK) at Imphal Lamphelpat, met with staff, and discussed the 5G Lab at the MIT, Manipur University campus.



Visited Innovision Limited, a skill training center in Bishnupur, Manipur, and engaged with students and faculty. Demonstrated the 5G Lab's benefits and invited them to visit the lab at MIT, Manipur University.



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## Activities at the Upgraded 5G Lab, North Eastern Hill University, Shillong

Upgraded 5G Lab at NEHU, Shillong



Visited Reliance Jio office in Shillong, explained the capabilities of the 5G Lab, and extended an invitation to visit.



Demonstrated the 5G Lab and its use cases to visitors from the IT&C Department of Meghalaya.



Visited NABARD Shillong, met with GM J.R. Blah, discussed the 5G Lab and its applications in the agricultural sector, and invited her to visit.



Hosted NEC officials at the 5G Lab.



Visited Krishi Vigyan Kendra, East Khasi Hills, and discussed the 5G Lab and its agricultural use cases with Shri S. Marbaniang (Subject Matter Specialist), extending an invitation to visit the lab.



For more information visit [www.nec5g.org](http://www.nec5g.org) or scan the QR code

