North Eastern Council Secretariat, Shillong
Ministry of Development of North Eastern Region

<u>PRESS NOTE</u>

NEC/IPR/Press Release/2008   **June 23, 2023**

**NEC COMMITTED TO ADOPT FUTURE TECHNOLOGIES FOR
SPEEDY DEVELOPMENT: CHALAI**

**5G APPLICATIONS AIMS TO TRANSFORM HEALTH CARE,
EDUCATION AND AGRI SECTROS**

Shillong, June 23, 2023-Under the lead of North Eastern Council, Ministery of DoNER, a modest event took place at Pasighat, Arunachal Pradesh on June 22, 2023. This rather low profile event is a turning point ushering in the 4.0 industry and deployment of 5G Health Care Use Cases by effectively employing Artificial Intelligence (AI). Some of the use cases are Augmented reality/Virtual Reality Anatomy Learning models deployed at Govt. Nursing college, Pasighat, 3D AI imaging analysis, AI based cataract analysis, Device for diabetic retinopathy, Mobile AI ECG device, Wound infection assessment solution, Respiratory Assessment Solution through AI and AI drip monitoring system.

Shri AloLibang, Health Minister, Arunachal Pradesh graced the function as Chief Guest. MLAs Shri Ninong Ering and Shri Kaling Mayong, Shri K. Moses Chalai, Secretary, NEC and Sh. Hage Tari, Secretary, Industries, Arunachal Pradesh were, also, present on the occasion along with officers from local District Administration and Health Department.

The team also visited the 5G lab being set up at Agriculture College of CAU. The project is part of the 5G Applications funded and conceived by NEC which is being implemented by AMTRON, Govt. of Assam, Guwahati as the hub and in all the eight NER States as Spokes. The event that took place at Pasighat is for the Arunachal Pradesh chapter only. The full launch will happen soon with all components of health use cases, agriculture, edge computing, cane and bamboo. This will take place at AMTRON HQ, Guwahati.

The team was very happy to see the benefits of the deployments happening very fast with results coming in at speed and efficiency either instantly or in just few minutes in most cases or experts have to certify first from another location through cloud/internet for 2 cases. Chief Guest and the dignitaries are convinced that this should be taken across to all parts of the state

at the earliest with their own resources. They were also convinced that the applications can be adopted across different sectors and departments. Technology combining 5G, Cloud, AI will transform governance, service delivery, various developmental schemes/projects, entrepreneurship business, etc. the speed of their arrival can be breathtaking as happened at Govt Nursing college where most students hailing from modest background but fire in their bellies have picked up AR/AV learning in just few days. Their unison testimony was: Now We See, Now We Know.

Shri Chalai said that it is only the beginning. It is even difficult to imagine where this day will lead to, to multi sector solution by the engine of AI, Cloud/Net, 5G. He also added that the applications have been made compatible with 4G for now, but 5G will definitely bring in the full scope and outcomes. This day indeed is a historic day for NER and perhaps for the country also. Chalai said, "NEC is committed to adopting future technologies to bring positive impact in various development sectors for the speedy socio-economic development of the region."

The initiative, funded by the North Eastern Council (NEC), is expected to transform the health and agriculture sectors of the NE States and facilitate immersive learning in healthcare education through 5G AI-driven technology intervention.

As Use Cases Deployment of this nature is at a very nascent stage, experts are also not sure if any other State/Region in Govt Health Institutions have these applications deployed.

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