

## Popularization of 5G Short-Term and MOOC Courses

**Milestone 3:** Popularize 5G short-term courses/MOOC courses already approved by the Telecom Sector Skill Council (TSSC).

Achievement: We have successfully conducted and promoted these courses, ensuring wide participation from students and professionals across the region. A total of 3500+ learners has enrolled in different 5G short-term courses till date.

5G Labs NER State	Number of Courses Conducted
COA, Pasighat, Arunachal Pradesh	45
Govt Serchhip College, Serchhip, Mizoram	70
Immanuel College, Dimapur, Nagaland	120
MIT, Imphal, Manipur	71
NEHU, Shillong, Meghalaya	107
Sanchaman Limboo Govt Degree College, Geyzing, West Sikkim	51
Tech City, Guwahati, Assam	50
Tripura University, Agartala, Tripura	61
<b>Grand Total</b>	<b>575</b>

SL. N.	COURSE NAME	5G LAB LOCATION	STUDENTS ENROLLED
1	Evolution From 1G to 5G	Coa, Pasighat   Tripura University   Immanuel College   Nehu   Sanchaman Limboo Govt Degree College   Mit   Tech City   Govt Serchhip College	625
2	Introduction To 5G	Coa, Pasighat   Nehu	605

SL. N.	COURSE NAME	5G LAB LOCATION	STUDENTS ENROLLED
		Immanuel College   Tripura University   Govt Serchhip College   Mit   Sanchaman Limboo Govt Degree College   Tech City	
3	Spectrum Bands	Mit   Immanuel College   Nehu   Coa, Pasighat   Sanchaman Limboo Govt Degree College   Govt Serchhip College   Tripura University   Tech City	327
4	5G RAN & Scenarios	Sanchaman Limboo Govt Degree College   Mit Coa, Pasighat   Tripura University   Immanuel College   Tech City   Nehu   Govt Serchhip College	220
5	5G Core	Tripura University   Sanchaman Limboo Govt Degree College   Mit   Coa, Pasighat   Nehu   Immanuel College   Tech City   Govt Serchhip College	82
6	Testing Equipment Validation	Immanuel College   Nehu   Tripura University   Coa, Pasighat   Tech City   Govt Serchhip College   Sanchaman Limboo Govt Degree College   Mit	3
7	Use Cases of 5G in Various Sectors	Immanuel College   Tripura University   Govt Serchhip College   Coa, Pasighat   Nehu   Sanchaman Limboo Govt	286

SL. N.	COURSE NAME	5G LAB LOCATION	STUDENTS ENROLLED
		Degree College   Mit   Tech City	
8	5G and IoT Fundamentals	Nehu   Coa, Pasighat   Tripura University   Mit   Govt Serchhip College   Immanuel College   Sanchaman Limboo Govt Degree College   Tech City	203
9	Embedded Systems & IoT Integration	Immanuel College   Tripura University   Nehu   Govt Serchhip College   Coa, Pasighat   Mit   Tech City   Sanchaman Limboo Govt Degree College	160
10	5G Fundamentals & Use Cases	Coa, Pasighat   Mit   Tripura University   Govt Serchhip College   Nehu   Immanuel College   Sanchaman Limboo Govt Degree College   Tech City	648
11	Embedded Software	Coa, Pasighat   Mit   Govt Serchhip College   Tripura University   Immanuel College   Sanchaman Limboo Govt Degree College   Tech City   Nehu	135
12	5G Enabled IoT Connectivity	Tripura University   Coa, Pasighat   Immanuel College   Mit   Govt Serchhip College   Nehu   Sanchaman Limboo Govt Degree College   Tech City	136
13	IoT System Design and Implementation	Mit   Tripura University   Coa, Pasighat   Immanuel College	124

SL. N.	COURSE NAME	5G LAB LOCATION	STUDENTS ENROLLED
		Govt Serchhip College   Nehu   Sanchaman Limboo Govt Degree College   Tech City	
14	SMORIC (Service Management and Orchestration (SMO) with a Radio Intelligent Controller (RIC))		10
15	5G AI/ML		7