



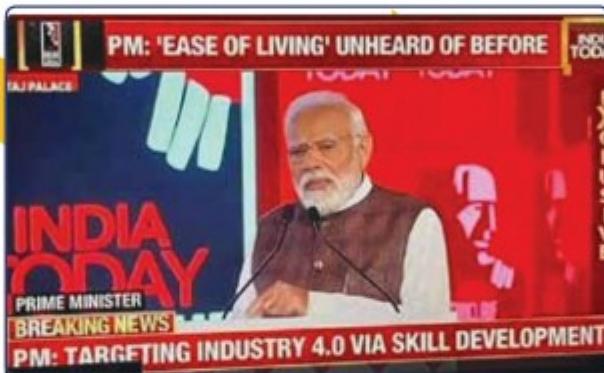
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION



Prime Ministeri
North East ajarangko
namdapatana ragatani
(PM-DeviNE)

Digitalchi bimang tariani aro 3Do name chapa kachakram biap Electronic chi Manufacturing Cluster (EMC) Government baksa nangrime aro gipin agencyrang baksameliae Guwahati ni Tech Songjinmao Tariani

Prime Ministeri mingbri ritengrango pangchake ia 21 gipa chasongo India an karkanarango 4.0 taridapanio North East ajarangna Ministry ni namdapatano skanggipa biapo ong'gen, Government of India (MDoNER) NorthEasternCouncil(NEC) baksa nangrime aro AMTRON baksa melie digital chi manderangna namdapatani 3Do chapa ka'aniko abachengataha. Ian NER ni adokrangko mangopgen aro Central ni onatgipa tangkarangko 100 % mangen jean. PM-DeviNE Budget ni ningon ong'a.



NorthEani 3D chapa kagipa Augustni 3 tarik 2022 o abachengaha jekon Shillongni North Eastern Council Seketariat o live mesoke abachengaha.'s jeon digitalchi bimang tariani aro prostethicko woam o chipe Meghalaya adok oniko niani. Iano mana nanggipa manderangna 3Do chapa kagipa joraatani/ plasticniko tarigipa jaa rangko suale ona aromana nanggipa manderangna nambate janggi tangna dakchakaniko one da'alo be'eni gita bilgrigipa manderangko dakchakenga.

Ia janapgimin project an NER ni chadamberangko nama budirangko skie rana aro dingtangdingtang nangan kri industryrangko 4.0 ni cholrangko rana dakchakenga . Ian namgipa namgnirangko aro kamrangko sana bananio , be'en ni gipa bilgrigipa manderangko sanonio aro To aro bibako bikotanio dakchakaniko ongen aro MSME ni kamrangko / Abachengani kam/Jatni dokanrang. Aro border jolo namdapatanirangko gipinchina watate 3Dni bosturangko songsul asongrangnawatate dakchakaniko on'gen. Ian NER ko gila kemanina ongilpae Vision Viksit Bharat @ 2047 ba NIKsamoani Blkas@ 2047 dake India ko agilsak gimiko Badingchiwalianio Bilakgipa ongatgen.





Industry 4.0 ian kampanyrangni tarianiko gital daktaiani aro nambata bostuko sualani. Bostu tarigiparang gital technologyrangko jakale jekai Internet ni Bosturang 3Do chapa ka'anirang Aramni Komputerchi sandie niani aro Mandeni jakchi tarigipa AI ko jakalanichi aro Machinelearning(ML) ba mesinko skie ra'e uamangni tarianio aro kam kanio jakalani. .Karkana 4.0ko 5G aro chongipa latensy aro agangolpogrikgipa kampanyrang dakchakaniko onenga aro 3Do chapa kae apsan Karkana 4.0 baksa nangrime INDIA o TARIGIPA ko namdapatna cholrangko jakalani. Ian anchingko 21 gipa chasongni badingchiwalianio susaatani onga jeon bilakgipakam kagiparangko aro skia mangimin daororoni cholrangko jakalaniko ba nanga. 3D o chapa kaani ian mikangchini tariani karkana onga aro daororo jakalgipako ruutgijan bodolskae dalgipa ostrorangko on'skaani.

1 Ostrorang ian gesa dalgipa bajal jean 3Dkotariani karkana ong'a.

Iano nina nanggiparangara MSME ni ostrorang /gama geaniostrorang/ aro songni chongipa dokanrangni ostrorang.

2 Healthcare / Medical Education

Iano namen dalrorona gita cholrang donga maina 3Do chapa kae sana banaio b asana bananiko skie raanio ba rate sana chanchianio (Anatomy,ko sandiani) ba rate sana chanchianio,(GI/Katongni/ Karongteni, Tningni, Greng jatongni etc.), Brakiterapi o pangchake kancerna ringaniko one sanani, TMJ namgijanko sanani , chasing gitalo wagamko sanani(sronganani, krown, chatani aro gipinrang.), Skoni bako rate sanani aro nangchapgipa sananirang taritaie rate sanani aro gipinrang. Apsan dake mikangchina namgipa dake chana jeon taritaigipa sana bananio jakalgipa chatanirang aro bosturangko tariani.

3 Disability Treatment/Rehabilitative Services.

4 Fasin aro karkanao bimang tariani rokomrang

Fasini bosturang aro jao ganani bosturang, gitoko ganani rokomko tariani choki tabilrangko tariani aro boksisna bimang tarianirang.

5 Teknicalko skie raani

Changa sapaniko daldapatani aro manderangko kamkana design ko tarina ia karkana 4.0 o karkanao o skie raani biaprange/ aro engineering kolezrang.



6 bikpilgipa Engineering

Bikpilgipa Engineering ni dam rakgipa bakrang aro chugipa gadango tarigimin masin ni bakrang aro uarangko chatsreani bakrang jeom OM kouno nangjahachim

PROJECT ni namgnirang

- Namgipa namdapatanirang jeniTechnikal o skie raani cholrang jekai MOOC ko skie onani, Chadamberangna skieraram biap aro digital o bimangtarianirang aro AMTRONni dakchakachi karkanako apsan chalaiani.
- Chadamberangna skie rana biapko ona aro sligiminko kam kana aro gital budirangko nangode skie rana jedakode nangani kri 4.0 ni karkanako chalaina.
- India o Tarigipako Dalatna aro gipinchiko amataniko komiatani cholrang / 3D ni bostuko watataniko daldapatani/ beeni gita sagipako sanani/ To aro bibako tarigipa karkana.
- NER na ongilpaani aro dalroroatani chol aro 3 trillion ddollar ni Indiako ongatani TheGrowthEngineofMultiTrillionDollarIndian Badingchiwalani India@2047jean ViksitBharatSanakalp ni – ningi onga 4.0 ni karkanarangko NorthEast o Indiako niksoani @ 2047.



North East na SDG2030 ni gita Chanchisogimin Nangchapani

1 SDG3-Namgipa aro ansenggipa been bimang

Chanchisogimin kam altue janggi tanganiko /ba bading chiwalaniko on'gen:

- a. Antangni koroschi sana bananiko komiatgen aro sana bananiko namdapatna skie ongen.
- b. Divyang - Altue janggi tangani aro namejanggitangna dakchakgen arobading chiwalaniko bakrapaatgen.

2 SDG4–Namgipa skie porani

North East ni chadamberangna/Kam kagiparangna/ badinggiparangna chugipa gadangni skie onaniko ongen.

3 SDG5–Mea Mechik apsan ongani

3D chapa kaanio mechikrangnaba skie ongen aro bading na cholrang/ change sapanikoba ongen aro 4.0 karkanakoba ongen.

4 SDG9–Karkanarang,Tarianirang aro nok jamrang

R aroD ko one gital bosturangna aro kamrangna dakchakaniko on jatni gama geani/choe kite kaani karkanarang ko NER oo dakani .MSME ni manderangni dokanrang jean gipin India ni bakrangko niatode namen komibea.

5 SDG9– Apsan onggijako komiatani

Ia project skia ranio, sana bananio, kam dake chaanio, NER ni manderangko 3D o chapa kaanio baseaniko komiatgen.

6 SDG12–Gisik nanggiparaani aro tariani

Bosturangko tarianio galaniko komiatani aro tariako esape tariani.

Ka Workshop - Ki Skul Hikai ha NER

1. Sarthebari ni Jatiya Bidyalaya, Barpeta o donga
2. Sarukhetri I High Skul, Sarthebari, Barpeta o donga
3. Sarthebari mechikrangni Skul, Sarthebari, Barpeta
4. Sengipa Computerko skiani , Sathebari, Barpeta
5. Banchit Choudhury ni
Sankardev Shishu Niketan Sarthebari, Barpeta
6. Sarukhetry Jatiya Vidyalaya, Barkapala, Barpeta
7. Babujee Kolez , Sarukhetri, Barpeta
8. Sarthebari H.S. Skul, Sarthebari, Barpeta
9. Jnyandeep Anchalik dalgiparangni Sekendari
Skul, Barghopa, Barpeta
10. B.R. Milan Skul, Rauli, Vill. Bhakuatepa, Barpeta

1

ASSAM



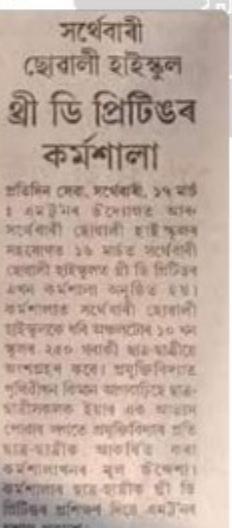
17. Digboi kolez, Tinsukia

Tinsukia



Nalbari

Barpeta



Kamrup Metro

18. Silchar ni NIT, Assam
19. Assam ni University, Silchar
20. ETC Engg department .Silchar Polytechnic, Assam

Cachar

11. Balabhavan Vidyapith High Skul, Sariahtali, Nalbari
12. Swami Paramandamechikrangni High Skul, Sariahtali, Nalbari
13. ITI, Nalbari
14. Prabhati Bishnujyoti dakchakgrikipa, Milanpur, Nalbari

15. ITI mechikrangni kolez,
Kamrup Metro, Guwahati
16. Girijanand Chowdhury University,
Kamrup Metro, Guwahati



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MIZORAM

**Serchhip District**

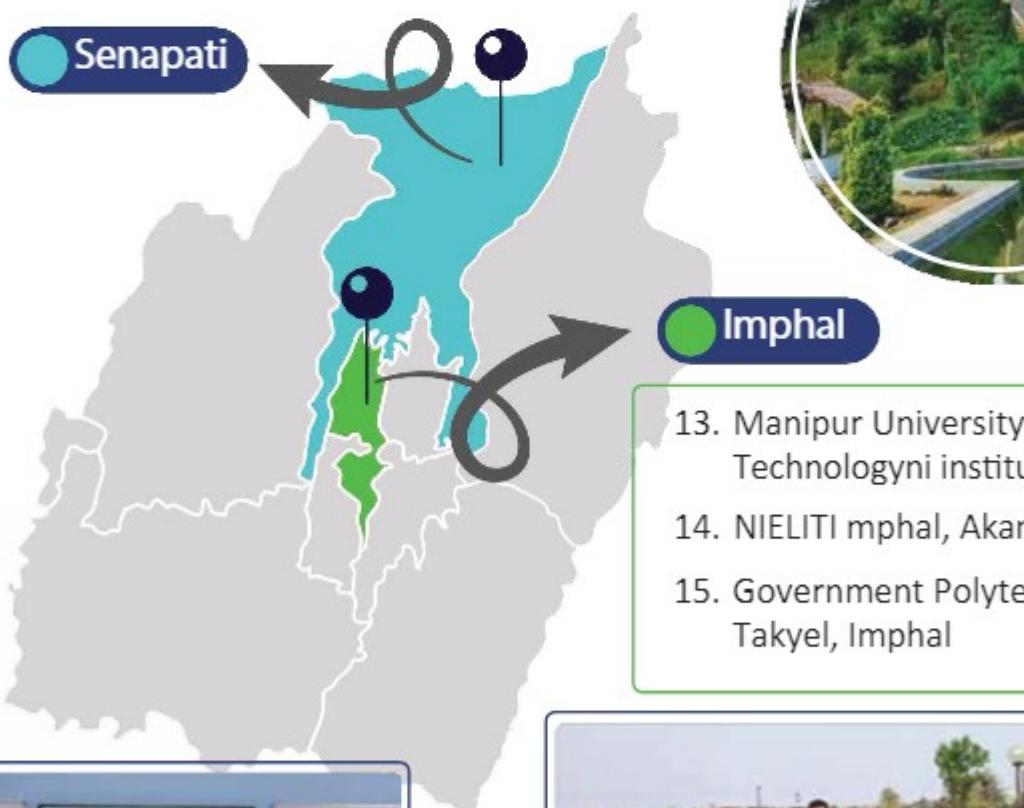
1. District Institute skiani aro Training,Serchhip
2. Government Serchhip kolez,Serchhip
3. Government Serchhip chugia sekendari Skul, Serchhip
4. Eklavya Model o donge poraigip skul, Serchhip





MANIPUR

1. ISÜPHI skiani biap , Chisari, Chowainamei, Senapati
2. Sardar Patel chugipa skul, Senapati
3. St.Xavier's Skul, Makhan, Senapati
4. STJoseph's H.R skul, Tadubi, Senapati
5. Mount Gibeon chugipa sekendari skul, Tadubi, Senapati
6. Nazareth dongchakgipa Skul, MaoGate, Senapati
7. Okai Academy, MaoGate, Senapati
8. St Joseph chugipa skul, Lower Shajouba, Tadubi, Senapati
9. Asufii Christian Skul, Punanamei, MaoGate, Senapati
10. Don Bosco Hr. Sec. Skul, MaoGate, Senapati
11. Sophia Englishskul, Punanamei, Mao, Senapati
12. Asufii ChristianInstitute, Punanamei, Mao, Senapati

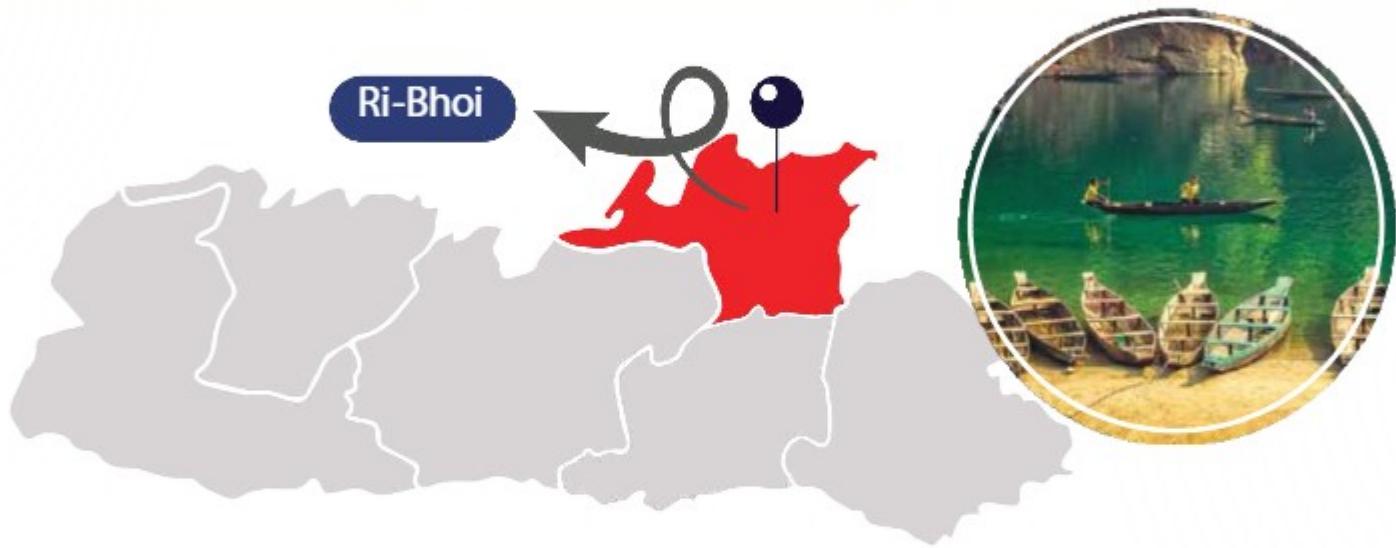


13. Manipur University and Manipur Technologyni institute , Takyelpat
14. NIELITI mphal, Akampat
15. Government Polytechnic, Takyel, Imphal



4

MEGHALAYA



1. Alpha English chukalgipa Sekendari skul, Pahamsyiem, Nongpoh, Ri-Bhoi
2. Savio Sekendari skul, Nongpoh, Ri-Bhoi
3. Nomiwell Memorial Sekendari skul, Nongpoh, Ri-Bhoi, Saiden, Ri-Bhoi
4. Ri-Bhoi Presbyterian Synod English sekendari skul, Pahamlapong, Nongpo, Ri-Bhoi
5. Umsning Presbyterianchugipa sekendari skul, Umsning, Ri-Bhoi
6. Nongthymmai Presbyterian Sec.Skul, Umsning, Ri-Bhoi
7. Gorkha Pathsala Sekendari skul, Umsning, Ri-Bhoi
8. Balawankolez, Umsning, Ri-Bhoi
9. SatiRaja Memorial Sec.skul, Umsning, Ri-Bhoi
10. Eden Acadamy Sec.Skul, Umsning, Ri-Bhoi
11. St.Michael Higher Sec.Skul, Umsning, Ri-Bhoi
12. St.Michael Higher Sec.School, Umsning, Ri-Bhoi
13. Umsning Town Durvar Sec.Skul,Umsning,Ri-Bhoi



5

ARUNACHAL PRADESH

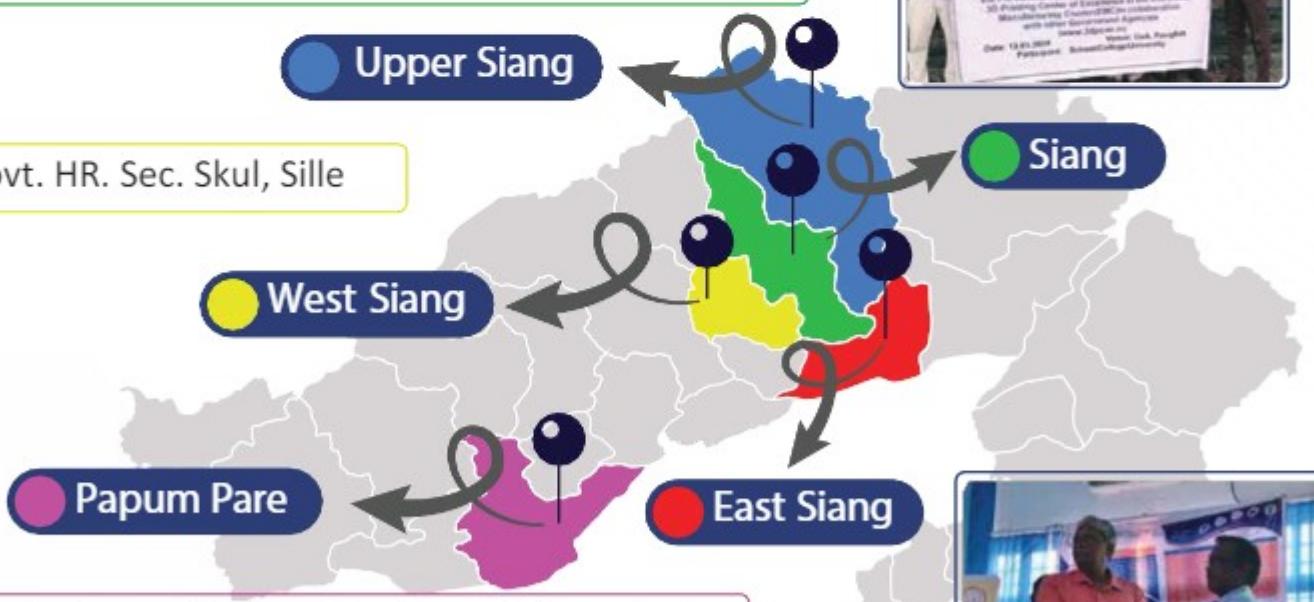
1. Agriculture kolez, Pasighat, East Siang
2. Arunachal Pradesh University, Pasighat, East Siang
3. Govt. HR. Sec. skul, Borguli ,East Siang
4. IGJ Govt. HR. Sec. skul, East Siang
5. Pasighat Sigma Institute Pvt. Ltd., East Siang
6. Govt. HR. Sec. Skul MEBO, East Siang
7. D.E.M Govt. HR. Sec. Skul, Pasighat, East Siang
8. Government Polytechnic Pasighat, East Siang
9. Govt. HR. Sec. Skul, Ruksin, East Siang
10. Horticulture kolez/Forestry kolez, Pasighat, East Siang



11. Govt. HR. Sec. Skul Marvang, Upper Siang
12. Govt. H. S. Skul, Yingkiong, Upper Siang
13. Govt. HR. Sec. Skul, Boleng Siang



14. Govt. HR. Sec. Skul, Sille



15. North Eastern Regional Institute Science And Technology (NERIST), Arunachal Pradesh



6

NAGALAND

EASTERN MIRROR

Immanuel College hosts 3D printing workshop for Education

3D printing workshop for education held in Immanuel College, Dimapur.

Immanuel College, Dimapur organized a 3D printing workshop for education from 10th March to 12th March 2019. The workshop was organized by the Ministry of Development of North Eastern Region (MDNER) and the Government of Nagaland. The workshop was attended by students and faculty members from various schools and colleges in Nagaland. The workshop aimed to introduce the students to the basics of 3D printing and its applications in education. The workshop was conducted by experts from the Department of Science and Technology, Government of Nagaland. The workshop covered topics such as basic concepts of 3D printing, software, hardware, and practical applications. The workshop also included a visit to the 3D printing lab at the college, where students got hands-on experience with the equipment. The workshop was a success and received positive feedback from the participants.



Dimapur

1. Pranabananda mechikrangni kolez, Dimapur
2. Nagalan ostro aro skiani Trgbiap , Dimapur
3. Holy Cross HR. Sec. Skul, Dimapur
4. Government High Skul Lengrijan, Dimapur
5. Immanuel kolez, Lengrijan, Dimapur
6. Christian Higher Sec. School

3D printing workshop for education held in Dimapur

Dimapur, March 12: A three-day 3D printing workshop for education was organized by the Ministry of Development of North Eastern Region (MDNER) and the Government of Nagaland at Immanuel College, Dimapur. The workshop was attended by students and faculty members from various schools and colleges in Nagaland. The workshop aimed to introduce the students to the basics of 3D printing and its applications in education. The workshop was conducted by experts from the Department of Science and Technology, Government of Nagaland. The workshop covered topics such as basic concepts of 3D printing, software, hardware, and practical applications. The workshop also included a visit to the 3D printing lab at the college, where students got hands-on experience with the equipment. The workshop was a success and received positive feedback from the participants.





7
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SIKKIM

1. Govt. Sec. Skull Melli Aching, Gyalshing, West Sikkim
2. Government Yuksam SR. Sec. Skul, Gyalshing, West Sikkim
3. Dentam SE. Sec. Skul
4. Khechupari Govt. SR. Sec. Skul
5. Vocational kolez Dentam
6. Govt. Junior High Skul Chingthang
7. P. R. Lama Govt. SR. Sec. Sec. Skul Yangsum, West Sikkim
8. Govt. SR. Sec. Skul Darap, Gyalshing
9. Govt. Sec. Skul Central Martam, Gyalshing
10. Govt. ni chongipa Skul, Onchung, Gyalshing
11. Govt. Sec. Skul Rinbik Gyakshing
12. Govt. SR. Sec. Skul Pelling, Gyalshing
13. District Institutef Education And Training (DIET)
14. Govt. Sec. skul Middel-Gyalshing
15. Govt. Girl's SR .Sec. Skul, Kyongsha, Gyalshing
16. Govt. SR. Sec. Skul Legship, Gyalshing
17. Industrial Training Institute, Gyalshing

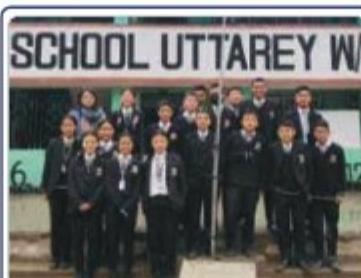


West Sikkim



18. Sikkim Manipallnstitute Of Technology, Sikkim Manipal University
19. Governmennt SR. Sec. Skul, Uttarey, West Sikkim
20. Govt.ni dalgipa sekendari skul Sakyong, Gyalshing

Pakyong



8

TRIPURA

1. Bir Bikram Memorial kolez, Agartala
2. Maharaja Bir Bikram kolez, Agartala
3. Mechikrangni kolez , Agartala
4. Bhavan's Tripurani Science aro Technology kolez , Anandnagar
5. Tripura ni University, Suryamaninagar
6. Technoni Engineering kolez , Agartala
7. Bharatni Pharmaceutical Technology, Amtali, Agartala
8. National Institue aro Electronicsaro Information Technology (NIELIT), Agartala
9. Ramthakur kolez , Agartala
10. TTAADC Poytechnic Institue, Khumulwng





NER o sana bananiko dakgip aro skiram biaprang

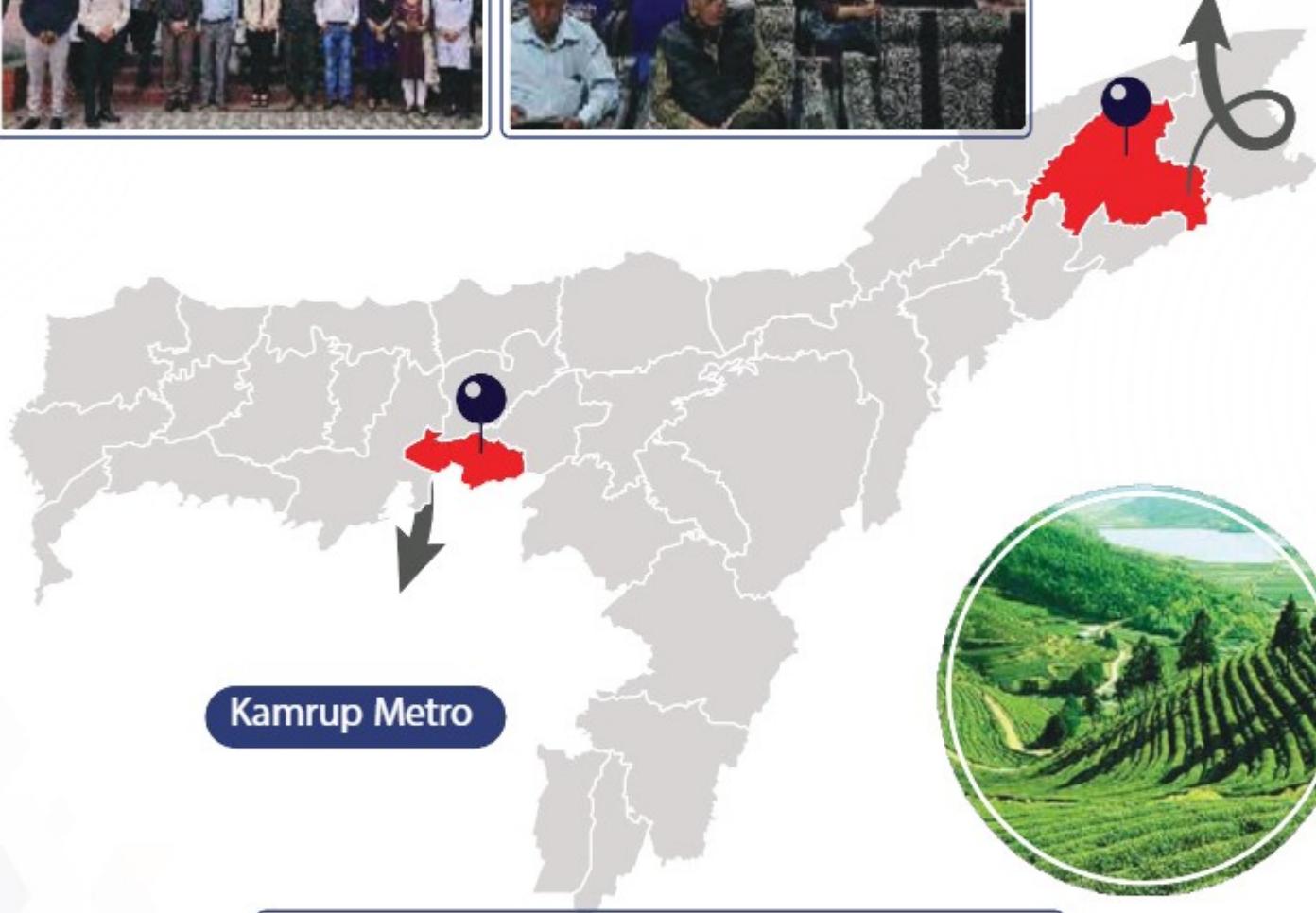


ASSAM

AssamMedikal kolez, Dibrugarha aro Paramedical Sciences instituteni
AMC, Dibrugarh aro BSC Nursing kolez, Dibrugarh



Dibrugarh



Kamrup Metro

Regional Nursing kolez , Indrapur, Guwahati





MIZORAM



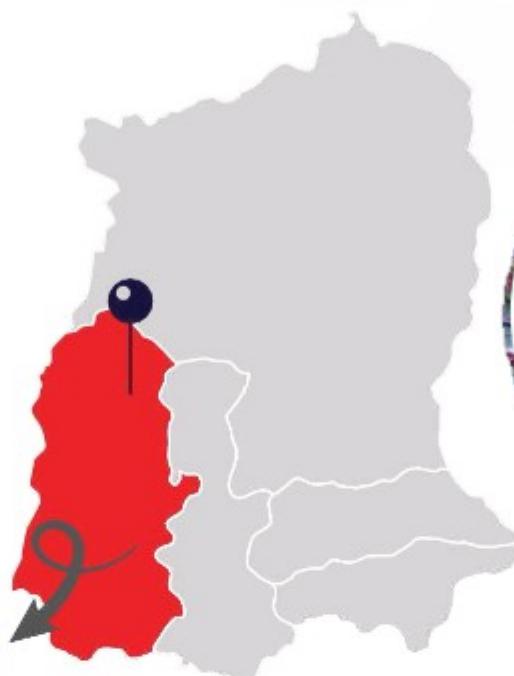
Serchhip District

Adokni Hospital, Serchhip





SIKKIM



West Sikkim District

Adokni Hospital, Gyalshing





NAGALAND



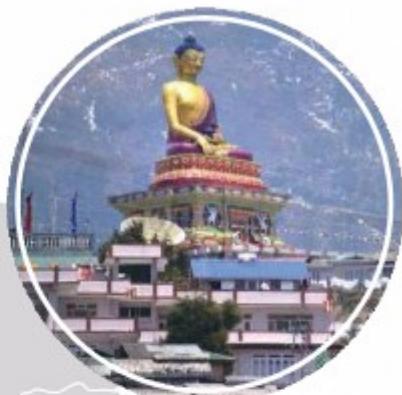
Naga Hospital ko nirokgiparang, Kohima





5

ARUNACHAL PRADESH



Papumpare District

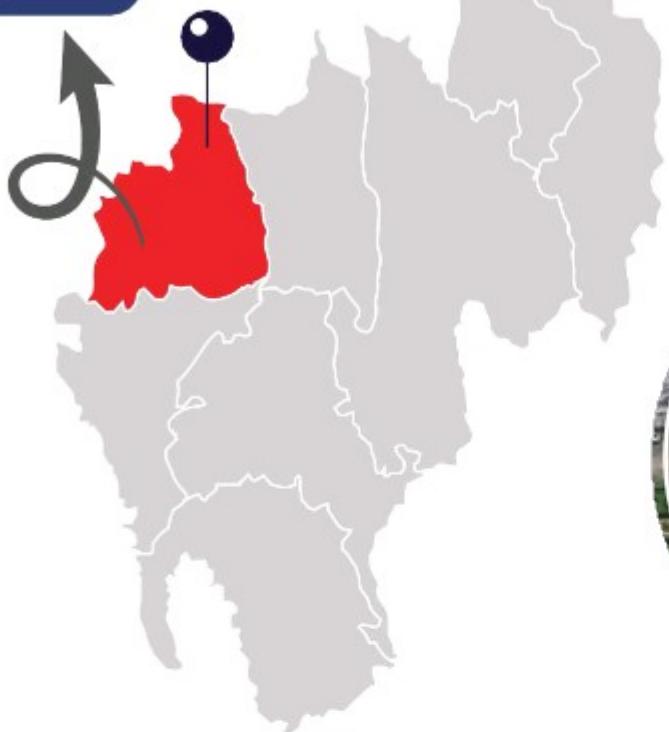
Abotani wagamni sangipa manderangbaksa Arunachal
Pradesh adokni Dental Council, Itanagar





TRIPURA

Agartala



Tripura adokni Red Cross Society, Agartala





7

MANIPUR



Imphal West District



Regional Institute Medical Sciences, Imphal





8

MEGHALAYA

West Garo Hills District



District ni Hospital, Baghmara



3D o chapa kagipa biap Centre of Excellence, Tech City,
Assam Electronics Development Corporation Limited (AMTRON),
Bongora, sepang Lokpriya Gopinath Bordoloi International (LGBI) Airport,
District Kamrup - 781122, Assam, India
Email: 3dpcoener@gmail.com