



MINISTRY OF DEVELOPMENT OF
NORTH EASTERN REGION



Prime Minister's
Development Initiative
for North East Region
(PM-DevINE)

Project Funded Under PM-DevINE - Digital Design and 3D Printing Center
of Excellence in the Electronic Manufacturing Cluster (EMC) in collaboration
with other Government Agencies

Indian Mobile Congress 2024, New Delhi





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Indian Mobile Congress 2024, New Delhi





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Tripura Dental Spoke Inaugural on 10/09/2024

By - Dr (Prof) Manik Saha, Hon'ble Chief Minister of Tripura





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Arunachal Dental Spoke Inaugural on 27/09/2024

By - Shri Biyuram Wahge, Hon'ble Health Minister of Arunachal Pradesh



Digital Designing & 3D Printing Spoke commissioned at NERIST

ITANAGAR, Sep 27: Health & Family Welfare Minister Biyuram Wahge commissioned a Digital Designing and 3D Printing Spoke at North Eastern Regional Institute of Science and Technology (NERIST), Nirjuli on Friday in presence of Mission Director (NHM) Marge Sora, NERIST Director Prof Narendranath S and other dignitaries.

The Digital Designing and 3D Printing Spoke has been commissioned under the Digital Design and 3D Printing Center of Excellence in the Electronic Manufacturing Cluster (EMC) initiative sanctioned under the PM-DevINE scheme.

This project is an ideal show case of "Ease of Doing Business" and "Ease of Living" for dental care for those in need of dental care. Benefits of the Digital 3D Dental Solution include: simplified process to take impressions for making crowns, bridges, dentures; reduces the number of OPD visits for patients for designing, fitting, post fitment challenges due to AI (Artificial Intelligence) enabled design software which simplifies the entire process; reduces *Cost.* on P-2

Digital Designing & 3D...

any post fitment challenges like lack of alignment etc leading milling, recalcitrance etc. It also reduces out of pocket expenses by patients while accessing healthcare since the turnaround time to get the dental service is reduced considerably.

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3D printing dental... inaugurated at NERIST

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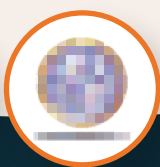


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Mizoram Dental Spoke Inaugural on 01/10/2024

By - Shri PU LALDUHOMA, Hon'ble Chief Minister





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Sikkim Dental Spoke Inaugural on 19/10/2024

By - Shri. Lok Nath Sharma, Hon'ble MLA of Gyalshing-Barnyak





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Health Camps in Arunachal Pradesh with National Health Mission/TRIHMS



AMTRON, TRIHMS partner to provide healthcare services in State



TRIHMS underscores shared commitment to improving healthcare accessibility and outcomes in underserved regions. By leveraging their expertise and resources, they were able to deliver high-quality medical care to the population," said a communique.

ARUNACHAL FRONTIERS

AMTRON conducts 3D dental scanning camp in Itanagar



ITANAGAR, 1 Oct: A Bhatnagar-based Assam Electronics Development Corporation Ltd (AMTRON), in collaboration with the National Health Mission, Arunachal Pradesh government, conducted a 3D dental scanning camp in Itanagar.

3D dental technology, ensuring accurate diagnosis and treatment plans. On these, three patients received removable dentures (RPD) on significantly improved oral health and quality of life.

The camp was held at Bater Jini, which played a pivotal role in delivering high-quality dental care.

Dr. J. K. Singh, team leader, said, "The camp was a significant step towards providing quality dental care to underserved communities in the region."





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3D Metal Implant for Cancer Patients in AIIMS, Guwahati



Preoperative Condition Condition (Left Hand)



Suture Passed Through Suture Hole



Suture Placed & 3D Printed Prosthesis Implant put in position



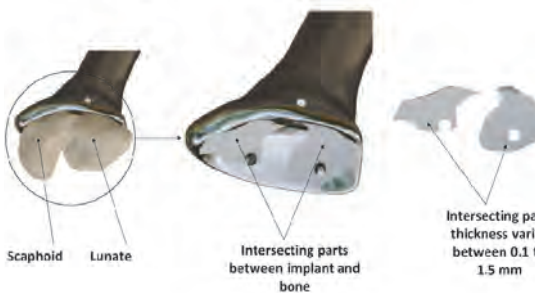
Tumor Excised



Gap After Tumour Removal



Digital Design Elements



Metal 3D Implant Design Process

