



Unveiling Excellence



USTM VISION 2030

To Make USTM World Class by 2030

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USTM Vision 2030

VISION

“To compete globally in making USTM as one of the best destinations of teaching learning community by 2030 through quality education and research”

MISSION

“Contribute to society by nurturing leaders and unlocking potential of youth through excellence in education, innovation and entrepreneurship.”

CORE VALUES

“Competitive & Progressive

Excellence & Creativity

Compassion & Inclusivity”

Preface

Keeping in line with our Vision 2030, we have identified few key focus areas for the University which will help us reach our destination faster. While we intend to undertake this journey towards our vision, we will make sure that these focus areas are addressed during the various plans and activities we undertake. This growth shall be happening in an organic manner and we shall ensure to carefully tread each step for the achievement of excellence in that domain with the involvement of the youth and encourage them to innovate continuously. While the youth is skilling themselves, they shall be motivated to become job creators and not only job seekers and contribute to the society and mankind immensely.

Priorities 2020-2025

- **Centre for South and South East Asian Studies**
- **Artificial Intelligence and Machine Learning**
- **Herbal Products**
- **Organic Agriculture and Food Research & Production**
- **2200 quality research papers to be published**
- **Making 100 students ready to become civil servants**
- **Visit of 5 Nobel Laureates**
- **25 Patent Registration**
- **Development of Science Village**
- **Mission School for neighbour and staff children**
- **Health Education with Super Speciality Hospital connecting to South East Asia.**
- **Attraction of International students at list 10% of the total intake**

Centre for South and South East Asian Studies

Prominence of India in South Asian Region and its role in Geopolitics of the region require research support to sustain its influence in the region. Further North East India is exposed to international boundary making it convenient to open up new avenues for social reach out. The University has been trying to reach out to the South and South East Asian Universities through a meaningful association as a part of regional cooperation. The proposed centre for South and South East Asian studies will undertake research in various socio-political issues of the region to strengthen Regional cooperation and Economic growth.

Artificial Intelligence and Machine Learning Programme:

Growing interest worldwide in artificial intelligence fuelled by large datasets and advances in computing power has been an impetus to the University to initiate Post Graduate programme in Artificial Intelligence and Machine Learning by 2025.

Herbal Products:

Development of Herbal products as nutraceuticals and medicines for ensuring better health for people of the region will be initiated by 2025. It is expected that around 5 products will be developed and tested by 2030.

Organic Agriculture and Food Research & Production

The organic food market stood at 110.25 billion USD in 2016 which is likely to grow to 262.85 billion USD in 2022. Growing demand for organic food, it has become important for agriculture dominated North East India to standardise organic cultivation by understanding the low input response. With the increase in awareness, production of healthy and nutritious food products to keep pace with the rising demand will be the area of focus during next decade.

Research Outcome

The University to ensure better research outcome which will be reflected in publication of high impact factor journal, the university sets a target of 2200 quality research paper by 2025.

Academic and Professional Outcome

The University feels that the success of an institute depends on how the students qualified for the institution are professionally placed. The University sets a target of placing 100 qualified students in civil services by 2025 over and above formal placements in industry and Government services.

Visit of Nobel Laureates

The University is of the opinion that inspiration and motivation of students and teachers can bring a significant growth for the institution. Visit of Nobel Laureates to the institution will be an impetus for success. The University will ensure visit of 5 Nobel Laureates by 2025.

Patent Registration

Innovation is the key to economic growth of the nation. The University proposes to bring innovation to forefront by registering 25 patents by 2025.

Development of Science Village

Promoting science through familiarising young generation to scientific phenomena is one of the few important objectives of the University. To achieve this objective a Science Village will be established in the campus where students from all levels will be exposed to latest scientific developments to generate interest.

Mission School

A school will be established in the campus to accommodate children of neighbouring areas as well as the children of employees to high standard of education at low cost.

Health Education with Super Speciality Hospital

A Medical College with a Super Speciality Hospital will be established in the campus. This Medical Complex will not only cater to the need of this region, it will also be a health destination of South East Asia. It will emphasize on Research in frontier areas of Medical Science.

Priorities 2025-2030

- **Drug Discovery**
- **Climate Research**
- **Energy Research**
- **Linking with 20 world class institutions.**
- **Attraction of International students at least 20% of the total intake**
- **Attraction of at least 5% International Faculty & Researchers**

Drug Discovery Research

North East India is rich in plant biodiversity. Large plant resources have been used traditionally in the region for tackling various diseases for a long time. These empirical knowledge can be used in identifying active molecules from plant resources for treating various diseases. The University situated in the midst of biodiversity proposes to undertake Comprehensive Drug Discovery Research by 2030. The areas of focus will be cancer and fungal diseases.

Climate Research

Climate change issues in recent years have received special attention in view of its impact in agriculture and environment. Climate is the primary determinant of productivity which is impacting food production across the globe. In view of the variation of crop behaviour resulting in changes in climatic variables, it is important to develop adaptation and mitigation strategies. The University proposes to initiate climate research programmes within 2022 to develop strategies for adaptation and mitigation and to draw required climatic models.

Energy Research

Development of advanced knowledge in the existing practices in the industry for energy efficient systems will continue to be in demand. Energy for non conventional sources will be explored. Interdisciplinary, multi institutional cooperation will be ensured during next five years for non conventional and clean energy.

