

BEST PRACTICE OF ASSAM DOWN TOWN UNIVERSITY

Title of the Practice: Promoting Research & Innovation

Objectives of the Practice:

Assam down town University (AdtU) recognizes the importance of research in driving social, economic, and technological advancements in the region. The underlying principle for this holistic effort is enshrined in the core values, mission & vision of the institution.

The Context:

Establishing a solid foundation for research at AdtU necessitates several crucial components: inculcating a research-centric mindset, establishing Centers of Excellence (CoEs), appointing individuals with exceptional leadership qualities, allocating adequate resources, implementing rigorous evaluation and monitoring processes, and fostering a culture of feedback.

The Practice:

Assam down town University (AdtU) takes pride in offering excellent infrastructure and well- equipped laboratories to support cutting-edge research. The institution actively promotes interdisciplinary research collaborations, fostering an environment where scholars can work together across traditional academic boundaries. Additionally, AdtU provides financial support, research grants, and fellowships to incentivize and support scholars in their research endeavors. This commitment to resources and support underscores AdtU's dedication to advancing academic and research excellence.

Evidence of Success:

During the session of 2021-2022, there was a notable enhancement in research performance across various metrics including publications, patents, and external funding from esteemed national and international agencies. To highlight some of the significant accomplishments, we have achieved:

- A total of 120 research articles were published in various journals of national and international repute, indexed by Scopus and Web of Science (WoS).
- Published a total of 79 national and international patents
- We successfully secured extramural research funding of an amount 38.64 lakhs from various prestigious government funding agencies.
- We have established a total of 18 Memorandums of Understanding (MoUs) with national and international levels institutes to excel our research activities.

These achievements underscore our commitment to advancing research excellence.

Problems Encountered and Resources Required:

Our strive to strengthen this best practice is challenged by several constraints including intense competition in extramural research fund generation, finding partners for interdisciplinary collaborative research time constraints of teaching faculty to devote time in laboratory, and barriers to interdisciplinary collaboration owing to inherent lack of big industries in the North East region. To overcome these challenges and strengthen this best practice, AdtU requires access to highly sophisticated research facilities, increased research funding, and a larger number of faculty to devote to research. Current and future efforts are being directed towards overcoming these challenges.

