

Outline of Designated National University Corporation proposal, Tokyo Institute of Technology



Pioneering a new era through continuous dialogue with society and the discovery of hidden possibilities in science and technology

Reinforce student-centered education system

- Execute leadership training at leading graduate schools
- Deepen industry involvement in doctoral education programs
- Construct early research-oriented bachelor-to-doctor (B2D) program
- Maximize specialized graduate-level courses in English during FY16-21 term

Trailblaze new frontiers in science and technology

- Strengthen globally revered priority fields (next-generation element strategy, integrated energy science, digital society devices & systems)
- Establish three Tokyo Tech ANNEXes overseas during FY16-21 term and another three during FY22-27 term
- Launch Organization for Fundamental Research where emerging researchers can focus on basic research

Transfer ideas and allow them to germinate

- Establish Tokyo Tech Innovation to expand strategic industry collaborations and consulting functions
- Achieve 100 Tokyo Tech-born startups
- Increase advanced lifelong learning courses 1.5-fold during FY16-21 term and threefold in FY22-27



Laboratory for Design of Social Innovation in Global Networks (DLab)
A facilitator of cutting-edge science & technology



Enhance individual & organizational diversity

- Openly share good educational practices and attract outstanding students from home and abroad
- Advance diversity by sharing a vision of future society that resonates with men and women around the world

Pursue "an alternate future"

- Propose new academic disciplines based on a vision of future society, form Research Units that lead and develop strategic areas based on these proposals
- Increase ratio of young faculty who create "an alternate future" to over 31% during FY16-21 term

Design and share a better future vision

- Together with professionals from within and outside Tokyo Tech, design a vision of future society that incorporates business and government perspectives
- Strengthen global sharing of information with establishment of new office of communications

Reallocation of resources through functional governance

- Strengthen societal engagement, academic functions with president-provost system
- Secure overhead income through promotion of large-scale collaborative research, increase income from industry partnerships twofold during FY16-21 term and threefold during FY22-27 term

Strengthen management and financial base

- Boost Tokyo Tech Fund to 10 billion yen total through strategic fundraising functions and enhanced cooperation with alumni associations
- Utilize National Strategic Special Zone system and private partnerships to redevelop Tamachi Campus and secure annual revenue of 1 billion yen

Increased revenue through active use of Tokyo Tech knowledge

2012-2017 Tokyo Tech reforms

Education

- Undergraduate and graduate schools joined and reorganized into new Schools
- Enhanced interdisciplinary education in e.g. energy field
- Institute for Liberal Arts established

Research

- Research labs, etc. reorganized into Institute of Innovative Research, recruitment of outstanding researchers worldwide
- New Research Units that include researchers from within and outside Tokyo Tech

Governance

- Functional management system (Strategic Management Council, Office of Institutional Research and Decision Support, advisory boards, etc.)
- Appointment of deans & directors, central management of all faculty posts, space fees, etc. under leadership of president