

FME TUL

**IMPLEMENTATION PLAN
FOR THE STRATEGIC PLAN
OF EDUCATIONAL AND CREATIVE
ACTIVITIES
OF FME TUL**

FOR 2026

The Scientific Council of the Faculty of Mechanical Engineering of the TUL,
discussed this on May 6, 2026.
The Academic Senate of the Faculty of Mechanical Engineering of the TUL,
approved on May 13, 2026.

INTRODUCTION

The Implementation Plan for the Strategic Plan of the Faculty of Mechanical Engineering of TUL for 2026 is based on the Strategic Plan for Educational and Creative Activities of the Faculty of Mechanical Engineering of the TUL for the period 2021–2025, with a outlook to 2030.

In 2026, the activities defined below will be implemented in individual areas of operation, and established and proven activities and measures evaluated in the Annual Reports on the Activities of the Faculty of Mechanical Engineering of the TUL, will be continued.

In the defined areas, the work will build upon the activities defined and implemented in the Implementation Plans of the Faculty of Mechanical Engineering of the TUL for 2021–2025.

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A / EDUCATION AND STUDY

Establish the principles and concept of study programs and lifelong learning. Strengthen efforts to open the faculty to the international environment and cooperation.

Aim to maintain or increase the number of students enrolling in the program. Establish a concept for the course offerings within the ERASMUS+ program. Strengthen the integration of artificial intelligence and machine learning topics and tools into teaching.

- Continue the activities initiated, implemented, and established in 2021–2025.
- Strengthen institutional accreditation standards and quality standards in the European Higher Education Area (ESG).
- Evaluate existing study programs and discuss the concept for 2028–2037 in connection with the expiration dates of current accreditations. Hold regular monthly faculty workshops on the future concept of study programs.
- Discuss and establish a concept for micro-certificates in line with the study program concept.
- Development in the field of education with a focus on sustainability and interdisciplinary competencies, and the inclusion of the new Sustainable Engineering study program into the admissions process.
- Respond to current challenges with the aim of ensuring graduates' long-term employability in the labor market.
- Monitor the success of study programs, involving program and course coordinators, students, graduates, and employers in the process.
- Continuously modernize educational infrastructure and digital tools (including AI) to support interactive teaching methods.
- Support and organize specialized workshops and seminars outside the curriculum that focus on developing students' professional competencies, soft skills, and entrepreneurial spirit, in cooperation with industry partners, the Lipo.Ink business incubator, and the Regional Development Agency.
- Strengthen the pedagogical and professional competencies of faculty members and doctoral students with a focus on pedagogical support, new trends in teaching, presentation skills, artificial intelligence, etc.
- Collaborate with TUL leadership and other university units to design a framework for a university mentoring system.
- Develop and continuously innovate study materials using distance learning methods and e-learning tools.
- Continue the established teaching evaluation system at the Faculty of Mechanical Engineering TUL, and develop cooperation with TUL and the Center for Higher Education Studies in the area of educational quality concepts.
- Monitor and analyze the causes of early withdrawal from studies.
- Support an increase in academic success and the proportion of students who successfully complete their studies.
- Support students' creative activities.
- Implement activities that strengthen partnerships with industry partners in the field

of education, including cooperation in the Oberlausitz region, and incorporate their recommendations into innovations in the teaching process with the aim of supporting graduates' readiness for the evolving demands of the labor market.

- Deepen partnerships with secondary schools and the Czech Association for Youth Support InnoMind, z.s., and support young talent through project days, competitions, workshops, and summer schools.
- Organize Open House events and other promotional and recruitment activities; participate in the Gaudeamus Prague Fair for Post-Secondary and Lifelong Education.
- Support departments in creating networks of partner universities in their respective fields of specialization; participate in the activities of the RUN-EU Alliance of European Universities.
- Continue to organize webinars and joint workshops with foreign universities.
- Analyze and assess the feasibility of introducing a double degree program at the FME TUL in response to the interest expressed by foreign universities.
- Support pedagogical training for incoming faculty members and offer to doctoral students as well.
- Carry out activities to promote and recruit self-paying students in cooperation with Czech and foreign agencies.
- Continue to develop materials for international promotion: video content, laboratory presentation materials, and banners.
- Carry out the faculty's promotional activities in an international setting: in-person participation at international student fairs, online presentations of English-language study programs, and joint workshops to showcase research activities and laboratory facilities as part of the curriculum.
- Reach out to and maintain contacts and collaboration with the FME TUL graduates abroad.
- Establish a concept of scientific and research ambassadors from among academics for international cooperation with institutions in specific regions.
- Develop and maintain the FME TUL professional network on LinkedIn.
- Encourage greater activity on the part of the FME TUL toward the internationalization of activities within established contacts and networks.

B / RESEARCH, DEVELOPMENT, INNOVATION

Implement the Faculty of Mechanical Engineering R&D&I Strategy +2030.
Strengthen the quality of doctoral studies and supervisors.
Focus on the international dimension of R&D&I in all aspects.

- Complete the evaluation of research programs and establish a plan for further activities.
- Update the Faculty of Mechanical Engineering R&D&I Strategy +2030 for the years 2026 to 2030.
- Support strategic partnerships and participation in research platforms.
- Reflect the results of the international evaluation under MEP 2025+ and implement the recommendations.

- Intensify cooperation with the Czech Academy of Sciences (AV ČR, v.v.i.) and public research institutions.
- Integrate AI (artificial intelligence) and ML (machine learning) tools into research activities.
- Conduct an analysis and establish criteria for habilitation and professorial proceedings, particularly in relation to strengthening the international dimension of scientific and research activities.
- Consistently monitor supervisor performance metrics and improve processes and activities to enhance doctoral program standards.

C / SOCIAL RESPONSIBILITY

Continue the activities and initiatives of the Technology, Knowledge, and Services at the Faculty of Mechanical Engineering, TUL.

- Continue the activities initiated, implemented, and established in the years 2021–2025.
- Establish the FME TUL Industry Council for the period 2026–2030.
- Strengthen the perception and awareness of the faculty among the younger generation, employers and the general public.
- Carry out activities to popularize science and showcase technical education in the fields and topics developed at the faculty, with an emphasis on sustainability, environmental education, and the integration of sustainability principles into education and research.
- Evaluate the first year of the “Kick-off (for) Engineering” project and, if appropriate, expand it in cooperation with IAESTE LC.
- Organize events and specialized lectures to promote and present the scientific and research activities of the FME TUL.

D / ACADEMIC COMMUNITY AND INSTITUTIONAL ENVIRONMENT

Implement activities that strengthen the institutional environment, the attractiveness of the environment and academics' awareness of the university's mission as defined in Sections 1 through 4 of the Higher Education Act.

- Continue the activities initiated, implemented, and established in the years 2021–2025.
- Hold a meeting of the FME TUL academic community and install the dean for the 2026–2030 term.
- Update, discuss, and approve the Strategic Plan for Educational and Creative Activities of the FME TUL for 2026–2030, in accordance with the approach of the new TUL leadership.
- Establish the Scientific Council of the FME TUL for the 2026–2030 term.

- Organize and conduct elections to the Academic Senate of the FME TUL for the 2026–2029 term.
- Hold Diamond and Gold Graduation Ceremonies for graduates and support reunions of graduating classes.
- Continue holding regular annual meetings with members of the academic community on the occasion of work and life anniversaries.

E / ACTIVITY MANAGEMENT

Establish and implement effective management of activities supported by the use of information and communication technologies and staff training.

- Continue the activities initiated, implemented, and established in 2021–2025.
- Optimize the parameters of Dean's Directive No. 1/2024 (DKROV allocation) based on adjustments to the contribution allocation system at the TUL level.
- Review and, if necessary, amend faculty legislation in relation to university regulations and update faculty legislation associated with the new term of office of the Dean of the Faculty of Mechanical Engineering of TUL and the Rector of TUL.
- Actively participate in the preparation of the new Higher Education Act during the comment period.
- Initiate the preparation and establishment of standards for activities leading to the acquisition of the HR Award within the university process.
- Complete the process of implementing the TISSAX quality system for the operation of the Department of Vehicles and Engines laboratory.

F / INFRASTRUCTURE

Develop instrumentation, laboratory, and experimental facilities for education and research.

Develop modern computing, communication, and data infrastructure.

- Participate in the preparation of the TUL framework for the strategic management of the university's digitalization.
- Discuss and establish a concept for the renewal and development of the faculty's ICT infrastructure, including rules for its management, sharing, and maximally efficient use across faculty departments.
- Continue the renewal and acquisition of new infrastructure within the FRIM of individual departments.
- Strengthen cybersecurity measures in laboratories, classrooms, and facilities.
- Update the plan for modernizing the infrastructure of laboratories and classrooms, define common requirements, computing capacity, and staffing for the use of artificial intelligence and machine learning.

FINANCIAL RESOURCES

- Contribution from the Czech Republic's state budget
- Grants from the Czech Republic's state budget
- Other available investment programs and funds
- Development and grant programs of the Ministry of Education, Youth and Sports of the Czech Republic – Program to Support Strategic Management at the Technical University of Liberec for 2026, Centralized Development Program for Public Universities
- Grant Programs of the Liberec Region, Other Regions, and Prague
- Programs of the Technology Agency of the Czech Republic (TA ČR), the Grant Agency of the Czech Republic (GA ČR), and Czech ministries
- OP JAK, OP TAK, and other EU Operational Programs
- Horizon Europe Program
- International research and development cooperation programs
- Programs to support the mobility of students and academic staff
- TUL's own resources
- Contract research
- Supplementary Activities
- Donations
- et al.