

## MECHANICAL ENGINEERING (T009) FIELD POSSIBLE DISSERTATION TOPICS AND DOCTORAL SUPERVISORS (2026)

The doctoral right was granted to Kaunas University of Technology (KTU) together with Vytautas Magnus University (VMU).

No.	Name of research Supervisor's last name	Dissertation topic title	Members of the research team
1	Katinas Egidijus	Improving the durability of dolomite processing equipment using numerical simulation and experimental studies	Vytenis Jankauskas, Juozas Padgurskas, Raimondas Kreivaitis, Audrius Žunda
2	Jotautienė Eglė	Research on the dynamics of sowing systems for inter-cropping	Davut Karayel
3	Padgurskas Juozas	Relationships between the structure and functional properties of biodegradable composites and their variation under the influence of various environmental factors	Raimundas Rukuiža
4	Padgurskas Juozas	Texturing of the friction surfaces to increase the efficiency of the tribological system	Raimundas Rukuiža, Audrius Žunda
5	Kreivaitis Raimondas	Investigation of tribological properties of ionic liquid stabilised nanoparticle additives for low viscosity oils	