

## Bachelor theses

- Hamad'ák, M.:** An overview of the current situation in the field of intelligent camera systems
- Váverka, M.:** Design and manufacture of selected component on turning center DMG CTX 500 ALPHA
- Dída, M.:** Modification of postprocessor for machine CTX ALPHA 500
- Bohunický, M.:** Computer aided design of a model of commomerative plaque for University scientific parc Campus MTF STU – CAMBO
- Šimko, J.:** Ballancing of grinding wheels in high-speed grinding
- Hrušecký, R.:** Repeatability and reproducibility of measurement on 3D scanner ATOS
- Keseli, T.:** Die serie optimization for wet steel wire drawing
- Patráš, D.:** Machining of free form surfaces (FFS) by ultrasonic
- Erdélyiová, I.:** Sem-solid casting of metal
- Ondraščin, P.:** Draft of a technological procedure of the component for an associated tool
- Valla, M.:** Principles of design and create a model for hammer dies
- Sivák, J.:** Curent trends in bulk forming of magnesium alloys
- Juríček, P.:** Application of CA technologies in the field of technology of sheet-metal forming in company KUKA, s.r.o.
- Szabó, T.:** Analysis technical preparation of production for volume forming
- Svítek, O.:** Analysis of quality - handling station in iCIM 3000
- Daniš, J.:** Design of automation assembly hydrodynamic torque in company ZF Sachs
- Boroš, D.:** Proposal mounting fixture for testing the panoramic roof car, SK system, s.r.o.
- Buchan, M.:** Design of assembly of asynchronous motor
- Kusalová, M.:** Using shell mould in foundry
- Homola, P.:** Design of assembly of resistance heat treatment unit
- Troják, P.:** Heat curing of the molding sand with protein based binder
- Krafčík, T.:** Software for creating layouts for assembly
- Galbavý, M.:** Methods for determining the plastic deformation of the material in forming processes
- Bachorík, K.:** Design of multifunctional jaws and proper choice of a gripper effector with rotating unit for assembly – disassembly process conducted on „Pick and place“ manipulator
- Štítiny, P.:** Options for improving the corrosion resistance of stainless steel casts using selected methods of surface finishing
- Cagala, M.:** Modernization and optimization of assembly line NCV3 in the company Hella Slovakia Front Lighting s. r.o., Nové Mesto nad Váhom
- Laliová, V.:** Computer Aided Technologies in Dentistry
- Ďureje, T.:** Design and manufacture the prototype of handheld tool
- Čapkovič, M.:** Design and Manufacturing of Accessories for DSLR Filmmaking
- Jurina, F.:** Design and production of model components for 3-axis milling
- Richter, M.:** Design and simulation of manufacturing shaft tools by grinding
- Kovarský, Ľ.:** Use of chain CAD – CAM
- Silná, V.:** Design of an installation technique for Relining
- Kocák, R.:** Evaluation of the capability of the coordinating measurement apparatus
- Drozda, M.:** Soldering in the production of electronic equipment
- Hudecová, B.:** Modular fixturing their element and areas their applications
- Kormúth, M.:** Designing of technological processes by using computer aided in forming technology
- Vrtiel, Š.:** Ideological Project of metal cutting machine and production of chosen parts
- Bielak, T.:** Proposal for a production of endcap in company Sauer-Danfoss, a.s.

**Ondraščin, M.:** Design and konstrukcion of bending tool with computer aided system  
**Žáček, M.:** Strategies of high-performance machining  
**Môcik, M.:** Welding galvanized steel sheet laser  
**Lecký, Š.:** Shank tools, their use and restoration of cutting properties  
**Beláni, R.:** Shank tools, their use and restoration of cutting properties  
**Mítkvy, M.:** Proposal for assembly line work place for production of shock absorber slats in company ZF Sachs Slovakia a.s.  
**Vaculka, J.:** Tool and workpiece probes  
**Halás, J.:** Production draft of prototype for automotive industry  
**Ivanovič, P.:** Production threads on CNC milling machines  
**Lamoš, P.:** Design and production preparation for the tool holder HSK E 50  
**Czibor, Z.:** Design and manufacturing of a storage system for milling tool holders  
**Ševčík, R.:** Current trend of using artificial intelligence in automated process planning  
**Mutňanský, R.:** Modeling frame of backup source for telecommunication industry  
**Zboril, A.:** Production and grinding/sharpening cutting tools on system NUMROTO  
**Sobota, P.:** Programming special functions and milling cycles  
**Kováč, M.:** Abrasive water jet cutting of materials  
**Molnár, I.:** New concepts of machine tools  
**Hudcovský, P.:** Design and production preparation for mounting non-rotating components in terms of company JAMP SVORADA Ltd.  
**Porubčan, J.:** Proposal for production consoles in company STROJSPOL s.r.o  
**Bezecný, M.:** Design of cap production in RAJEC INDUSTRY spol. s.r.o.  
**Mikulová, E.:** Modelling the variable kinematic scheme of eccentric press  
**Tokárová Pargáčová, L.:** Modelling of Moving Kinematic Scheme of Rounding Machine  
**Sedláček, M.:** The Innovation of the Assembly Line of Automobile Parts  
**Kováč, A.:** Design of plastic cover of the parking sensor  
**Országh, M.:** Fixture proposal for testing the functionality of the car seat lock  
**Bruszi, B.:** Manufacturing proposal of a broaching machine component  
**Tomášik, T.:** Possibilities of production and renewal cutting properties of milling tools  
**Paníček, O.:** Computer aided technology of laser micromachining  
**Tóth, D.:** Methods of Cooling and Lubrication in Machining  
**Moravčík, S.:** Impact of the feed rate onto circularity and roughness of lathe worked surface  
**Uhlík, M.:** Manufacture of hinge capsule hydraulic distribution for hydraulic manipulator  
**Sokolová, E.:** Welding of duplex steel with beam welding methods  
**Klempová, L.:** Induction surfacing of metal powders  
**Bíro, M.:** Cutting speed impact on circularity and surface roughness of lathed surface  
**Jardek, J.:** Design and construct of flip frame for gravity casting machine  
**Jurík, V.:** Design and realization of animations of selected methods for measuring the parameters of the inner thread