



Keiv Polytechnic, Ukraine
Faculty of Mechanical Engineering



SR. NO	Name	Name of project	Name of Professor / Mentor	Grade	Teaching hours
1	Anish Pathak Atul	1. Definition stress-strain state of biomechanical system of tibia with fractures and external fixation systems: FE Analysis	Ph.D. Victor Yeshchenko	A(95)	210
		2. Creation of project for turning taper shaft in Feature CAM by Del CAM	J. Bessarabets, Ass. Prof., PhD	A(95)	
2	Prashant Soni Dudhnath	1. Laser cladding of CBN-contained cutting tools. 1.1. Direct irradiation of CBN grains. 1.2. Indirect irradiation of CBN grain. 1.3. Study of thermo-deformational sintering of CBN-contained abrasive composites	Assistant R.Djuk	A(95)	210
		2. Definition stress-strain state of biomechanical system of tibia with fractures and external fixation systems: Experimental analysis	Ph.D. Victor Yeshchenko	A(95)	
3	Siddharth Bhandari Shankar	1. Development of automatic system for packing sour cream with electro pneumatic control. 1.1. Overview of pneumatic and Electrical symbols. Electrical contact specification. Electrical logic connections. 1.2. Solenoid valves. Open and closed loop control. Relays. 1.3. Proximity sensors. Pneumatic speed control. Multi-cylinder control, sequential and conditional control. Motion diagram.	Ass. Prof., PhD O. Levchenko	A(95)	210
		2. Creation of project for milling flange in FeatureCAM by DelCAM	J. Bessarabets, Ass. Prof., PhD	A(95)	
		3. Manufacturing Process Planning for CNC-Machine	Assistant: D.Shupletsov	A(95)	
4	Prathamesh Navare Ashok	1. Development of automatic system for packing sour cream with pneumatic control. 1.1. Advantages and disadvantages of air. SI units and conversions. 1.2. Overview of compressors, dryers and distribution. 1.3. Single and double acting cylinders ISO symbols. 1.4. Directional and solenoid operated valves. Circuit diagram layout. 1.5. Logic valves. Speed control. Timing valves.	Ass.Prof., PhD O. Levchenko	A(95)	210
		2. Creation of project for turning input shaft in FeatureCAM by DelCAM	J. Bessarabets,	A(95)	

			Ass. Prof., PhD		
		3. Manufacturing Process Planning for CNC- Machine	Assistant: D. Shupletsov	A(95)	
5	Shreyash Nakhawa Shrikant	1. Stress Analysis of Plates Joint under Static Loading: Part Number 62350021M004	M. Gladskiy, Ass. Prof., PhD	A(95)	210
6	Dhruvit Patel Prakash	1. Definition isotropic and viscoelastic mechanical properties of bones	Ph.D. Victor Yeshchenko	A(95)	210
		2. Creation of project for turning plain bearing in FeatureCAM by DelCAM	J. Bessarabets, Ass. Prof., PhD	B(90)	
		3. Manufacturing Process Planning for CNC-Machine	Assistant: D. Shupletsov	C(80)	
7	Karan Bhojwani Dilip	1. Simulation and design of laser cladding nozzle for use with HPDL lasers. 1.1. Study of assist gas-flow in multi-jet flat nozzle. 1.2. Study of multi-component powder flow in multi-jet flat nozzle.	Assistant R.Djuk	A(95)	210
		2. Joint project «Stress analysis of biomechanical system: a case study of internal fixation system for femoral fractures»	Ph.D. Victor Yeshchenko	A(95)	
		3. Stress Analysis of Plates Joint under Static Loading: Part Number 62350021M002	M. Gladskiy, Ass. Prof., PhD	A(95)	
8	Darshan Bhavsar Prakash	1. Simulation and design of laser cladding nozzle with coaxial powder supply. 1.1. Study of assist gas-flow in six-channel multi-jet coaxial nozzle. 1.2. Study of powder flow in six-channel multi-jet coaxial nozzle	Assistant R.Djuk	A(95)	210
		2. Joint project Stress analysis of biomechanical system: a case study of internal fixation system for femoral fractures	Ph.D. Victor Yeshchenko	A(95)	
		3. Stress Analysis of Plates Joint under Static Loading: Part Number 62350021M001	M. Gladskiy, Ass. Prof., PhD	A(95)	
9	Kunal Jagtap Sanjay	1. Stress Analysis of Plates Joint under Static Loading: Part Number 62350021M003	M. Gladskiy, Ass. Prof., PhD	A(95)	210
		2. Creation of project for milling mold plate in FeatureCAM by DelCAM	J. Bessarabets, Ass. Prof., PhD	A(95)	
		3. Manufacturing Process Planning for CNC-Machine	Assistant: D. Shupletsov	A(95)	

10	Akash Paliya Abhijit	1. Simulation and design of multi-component powder flow in laser cladding nozzle with coaxial powder supply 1.1. Study of assist gas-flow in three-channel multi-jet coaxial nozzle 1.2. Study of three component powder flow in three-channel multi-jet coaxial nozzle	Assistant R.Djuk	A(95)	210
		2. Stress Analysis of Plates Joint under Static Loading: Part Number 62350021M005	M. Gladskyi, Ass. Prof., PhD	A(95)	
		3. Creation of project for milling longitudinal guide in FeatureCAM by DelCAM	J. Bessarabets, Ass. Prof., PhD	A(95)	
		4. Manufacturing Process Planning for CNC-Machine	Assistant: D. Shupletsov	A(95)	
11	Gaurav Arwade Bharat	1. Stress strain state of biomechanical system: damaged femur with fixation systems	Ph.D. Victor Yeshchenko	A(95)	210
		2. Creation of project for turning guide shaft in FeatureCAM by DelCAM	J. Bessarabets, Ass. Prof., PhD	A(95)	
		3. Manufacturing Process Planning for CNC-Machine	Assistant: D. Shupletsov	A(95)	

Faculty of electrical Power Engineering & Automatics

No	Name	Name of project	Name of Professor/mentor	Grade	Teaching hours
1	PANKAJ AHIRE PANDIT	DEVELOPMENT OF AUTOMATIC SYSTEM FOR PACKING SOUR CREAM WITH PLC CONTROL	Ass.Prof., PhD O. Levchenko	A(95)	40