# UG FELLOWSHIP 2018 Program( Summer Internship Program at National Technical University of Ukraine)
## Institute of Mechanical Engineering

| Sr. No. | Name of Student | Gender | Name of College | Name of Supervisor | Title of Project |
|---|---|---|---|---|---|
| 1 | SHUBHANKAR CHINTAMANI DAMODARE | Male | Sinhgad College, Pandharpur | Prof. Bessarbets | 1. Creation of project for turning input shaft in FeatureCAM by DelCAM |
| | | | | Prof. Daniel Shuplestov | 2. Manufacturing process planning for CNC machines. Part No.621 |
| | | | | Prof. Gladsky | 3. Stress analysis of plate joints subjected to shear loading. Part No 62350021M005 |
| 2 | AKSHAY ASHOK JORWEKAR | Male | Vishwaniketan iMEET | Prof. Daniel Shuplestov | 1. Manufacturing process planning for CNC machines. Part No.621 |
| | | | | Prof. Victor Shevchenko | 2. Stress-strain state simulation of fractured talus bone with screws and Kirschner rod |
| 3 | NITIN SHARMA | Male | PIET, Panipat | Prof. Daniel Shuplestov | 1. Manufacturing process planning for CNC machines. Part No.621 |
| | | | | Prof. Gladsky | 2. Stress analysis of plate joints subjected to shear loading. Part No 62350021M003 |
| | | | | Prof. Raslan Dzuk | 3. Study of laser beam pulse frequency influence on laser marking |
| 4 | AVIRAJ ROHILLA | Male | PIET, Panipat | Prof. Bessarbets | 1. Creation of project for milling flange in FeatureCAM by DelCAM |
| | | | | Prof. Daniel Shuplestov | 2. Manufacturing process planning for CNC machines. Part No.621 |
| | | | | Prof. Gladsky | 3. Stress analysis of plate joints subjected to shear loading. Part No 62350021M004 |
| 5 | ASHWIN ATUL DAWARE | Male | VIT, Vellore | Prof. Daniel Shuplestov | 1. Manufacturing process planning for CNC machines. Part No.621 |
| | | | | Prof. Victor Shevchenko | 2. Stress-strain state simulation of metacarpal bone with fractures and fixation systems |
| 6 | ZAHID ZIAUDDIN WAGHU | Male | SIES, Nerul | Prof. Daniel Shuplestov | 1. Manufacturing process planning for CNC machines. Part No.621 |
| | | | | Prof. Raslan Dzuk | 2. Study of laser percussion drilling and its results depending on material thermal and physical properties |
| 7 | ASHWIN RAVINDRA MESHRAM | Male | VIT, Pune | Prof. Daniel Shuplestov | 1. Manufacturing process planning for CNC machines. Part No.621 |
| | | | | Prof. Gladsky | 2. Stress analysis of plate joints subjected to shear loading. Part No 62350021M002 |
| | | | | Prof. Raslan Dzuk | 3. Study of an influence occurred on the interaction of laser beam with metal surface due to varying focal distance and feed rate |
| 8 | MOHAMMAD ZAID ABDUL HAMID SHAIKH | Male | Sinhgad College, Solapur | Prof. Daniel Shuplestov | 1. Manufacturing process planning for CNC machines. Part No.621 |
| | | | | Prof. Victor Shevchenko | 2. Rigidity of the fractures fixation systems of metacarpal bones |
| 9 | SUNEET NITIN CHINCHOLKAR | Male | FRCIT, Vashi | Prof. Raslan Dzuk | 1. Influence of Laser Beam Velocity on Laser Surface Treatment |
| | | | | Prof. Daniel Shuplestov | 2. Manufacturing process planning for CNC machines. Part No.621 |
| | | | | Prof. Gladsky | 3. Stress analysis of plate joints subjected to shear loading. Part No 62350021M001 |
| 10 | SNEHAL SATISH JADHAV | Female | MGMCOE, Navi Mumbai | Prof. Raslan Dzuk | 1. Study of laser percussion drilling of samples with various geometric properties |
| 11 | MUDIT MANOJ GOLECHA | Male | NMIMS | Prof. Victor Shevchenko | 1. Deformation characteristics of the fixation systems of talus bones |

**UG FELLOWSHIP 2018 Program( Summer Internship Program at National Technical University of Ukraine)**
**Institute of Mechanical Engineering**

| Sr. No. | Name of Student | Gender | Name of College | Project Titles Common for All |
|---|---|---|---|---|
| 1 | Ms.Shilpa Deshmukh | Female | Vishwaniketan iMEET | 1. Calculation and modeling of distributed generation sources in parallel operation on a distribution grid |
| 2 | Mr. Yash Singh | Male | Vishwaniketan iMEET | 2. Calculation of the parameters and characteristics of the threephase induction motor using equivalent circuit |
| 3 | Mr. Niranjan Bhutkar | Male | Pillai HOC, Raisani | 3. Modeling of the dynamic characteristics of three-phase induction motor using MATLAB Simulink |
| 4 | Mr. Faizan shaikh | Male | WIT, Solapur | 4. Logical circuits synthesis, Field Programmable Gate Array (FPGA) and logic relay programming |
| 5 | Siddhant Sali | Male | DRIEMS, Neral | 5. Variable speed drives for industrial applications (Theoretical course) |
| 6 | Mr. Jayesh Taru | Male | Vishwaniketan iMEET | 6. Programmable Logic Controllers. Overview, programming and testing |
| 7 | Mr. Vishant Patil | Male | Vishwaniketan iMEET | 7. Circuit simulation in problems of insulation protection and diagnostics |
| 8 | Mr. Sagar Tayde | Male | Vishwaniketan iMEET | 8. Diagnostics of PV modules at field conditions |
| 9 | Mr. Uday Bhosale | Male | Vishwaniketan iMEET | |
| 10 | Mr. Aniket Wagh | Male | Vishwaniketan iMEET | |
| 11 | Mr. Aniket Wagh | Male | Vishwaniketan iMEET | |

**ELECTRICAL ENGINEERING EXTRA PROJECT RATHER THAN CONTINUOUS SCHEDULE BY PROF. SEREGY BURYAN PROF. SEREGY KOROL**
**LAB: EATON INTEGRATED AUTOMATION LABORATORY**

| Group No. | Name of student | Electrical Automation Project |
|---|---|---|
| 1 | Ms.Shilpa Deshmukh | 1. Automation of Conveyor system |
| | Mr. Yash Singh | 2. Automation of water supply system |
| 2 | Mr. Niranjan Bhutkar | 1. Automation of Two speed pump system |
| | Mr. Faizan shaikh | 2. Automation of Conveyor system with glazing machine |
| | Siddhant Sali | |
| 3 | Mr. Jayesh Taru | 1. Automation of cooling system |
| | Mr. Vishant Patil | 2. Automation of technological line process with pipelines, mixing, preparation and glazing tank, pump and level |
| | Mr. Sagar Tayde | sensors |
| 4 | Mr. Uday Bhosale | 1. Automation of cooling system |
| | Mr. Sumit Ghaytadk | 2. Automation of technological line process with two conveyors, a pusher machine and a packing machine |
| | Mr. Aniket Wagh | |