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| **Topic**  | A mechanism for adaptive transformations of movements. |
| **Specification/****Programme**(min. 100 words) | The project will deal with the design and optimization of mechanism structures for adaptive transformation of movements. It involves the use of kinematic chains with 2 degrees of freedom, the drive of which will be realized by two controlled drivers. CAD SW CREO Parametric 10.0 and MSC Software Adams will be used for designs and analyses. The result will be the digital 3D model of an adaptable mechanism for the production of test equipment. |
| **Time period** | September 2024 to October 2024 |
| **Length of the traineeship - number of months** | 2 months |
| **Supervisor´s name and contact**  | Simon KovarTechnical University of LiberecFaculty of Mechanical EngineeringDepartment of Textile Machine DesignStudentska 1402/246117 Liberecsimon.kovar@tul.cz |
| **Administrative Contact** | Marcela Valkova, marcela.valkova@tul.cz  |
| **Documents required** | CV, Letter of motivation, Transcript of Records |

 **INTERNSHIP POSITION**