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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 Kovar  Technical University of Liberec  Faculty of Mechanical Engineering  Department of Textile Machine Design  Studentska 1402/2  46117 Liberec  simon.kovar@tul.cz |
| **Administrative Contact** | Marcela Valkova, [marcela.valkova@tul.cz](mailto:marcela.valkova@tul.cz) |
| **Documents required** | CV, Letter of motivation, Transcript of Records |

**INTERNSHIP POSITION**