**INTERNSHIP POSITION**

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| **Topic**  | Design of spinning electrode for production nanofibers supported by pressed air |
| **Specification/****Programme**(min. 100 words) | The project is focused on the design of a new type of electrode for AC-electrospinning, which allows direct and focus nanofibers by pressed air. The content of the work is the design of a suitable shape of the spinning electrode and the transport system of polymer solution and compressed air using PTC Creo CAD software. The designed electrode will be manufactured, and its functionality will be verified experimentally. The results of the project will be presented in the final report. |
| **Time period** | September 2023 to October 2023 |
| **Length of the traineeship - number of months** | 2 months |
| **Supervisor´s name and contact**  | Ondřej BaťkaTechnical University of LiberecFaculty of Mechanical EngineeringDepartment of Textile Machine DesignStudentská 1402/246117 LiberecOndrej.batka@tul.cz |
| **Administrative Contact** | Marcela Valkova, marcela.valkova@tul.cz  |
| **Documents required** | CV, Letter of motivation, Transcript of Records |