**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 Baťka  Technical University of Liberec  Faculty of Mechanical Engineering  Department of Textile Machine Design  Studentská 1402/2  46117 Liberec  Ondrej.batka@tul.cz |
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| **Documents required** | CV, Letter of motivation, Transcript of Records |