



Das Forschungszentrum Allgäu (FZA) sucht zum nächstmöglichen Zeitpunkt Verstärkung als

## Project engineer (f/m/d) for the assembly and connection technology of power electronics full-time or part-time

In the Laboratory for Electronics Integration at Kempten University of Applied Sciences, we develop power semiconductor modules, which are a key component for efficient energy conversion in electromobility and renewable energies. Through innovative solutions for assembly and connection technology, we improve energy efficiency, power density and reliability and thus contribute to the energy and mobility transition.

### Your tasks

- Development and optimization of manufacturing processes such as PCB embedding
- Production of demonstrators in the laboratory (chip assembly, contacting, encapsulation)
- Electrical and thermal testing of power semiconductor modules
- Planning, implementation and evaluation of reliability tests
- Publication of work results at scientific conferences and in journals
- Project management and communication with the project partners involved in Germany and abroad

### Your profile

- Successfully completed studies in mechanical engineering, mechatronics, electrical engineering, microsystems engineering or related subjects at Bachelor's level
- Interest in the electrification of the transportation and energy sectors
- Very good knowledge in the development of electronic assemblies with CAD, ideally Eagle/Fusion360
- Knowledge of electronics production or assembly and connection technology is an advantage
- Enjoy experimental work in the laboratory
- Confident handling of Microsoft Word, Excel, PowerPoint
- Team player, motivated, curious, safety-conscious, flexible

### We offer

- a full-time or part-time employment contract limited to two years
- Payment according to the collective agreement of the federal states (TV-L) in E10 if the professional qualifications are met
- The position is **suitable for completing a relevant part-time Master's degree** at the HS Kempten.
- the opportunity to work independently on an application-oriented research topic in a joint project with partners from industry and research
- an interesting and varied job at a family-friendly university
- a high degree of flexibility in terms of time and the possibility of mobile working
- a motivating and international working environment in a well-equipped laboratory
- Social benefits in accordance with public service regulations, in particular additional pension provision
- Company health management and comprehensive training opportunities
- a modern workplace in the middle of the beautiful Allgäu region

The position is suitable for people with severe disabilities, who will be given preference if their suitability, qualifications and professional performance are otherwise essentially equal.

Kempton University of Applied Sciences is committed to equality, diversity and the compatibility of career and family. It strives to increase the proportion of women in research and teaching, which is why they are expressly invited to apply.

If you have any technical questions, please contact Prof. Dr. Huesgen by email at [till.huesgen@hs-kempten.de](mailto:till.huesgen@hs-kempten.de).

Please submit your application documents **exclusively** via our [application portal](#) by **June 2, 24**. Thank you very much!

