



## **Erasmus-Internship at KET – Kirpal Energietechnik GmbH ([www.ket.de](http://www.ket.de))**

Located in the small town Wernsdorf between Leipzig and Dresden, KET – Kirpal Energietechnik GmbH is a middle-sized privat company founded in 1990.

The company is specialised in the production of sprinkler pipe systems, complete service modules and tube components sold also on the international market. Engineers of the company are developing new modules and systems to meet the demands of the customers.

As intern you become part of the team and can help to transform a new engineering concept into practice. The project, you will be asked to contribute to, deals with the development of a decentralised, self-sufficient, modular, high efficient energy supply system. Apart from energy the system also produces heat and cold to be used for air conditioning of buildings. During your internship you have the chance to work self-dependently on a comprehensive project task that is part of the overall project.

### **Your project task:**

- 3D Execution planning of the modules on the basis of the project design.
- Calculation of the dimensions of the system components (e.g. pumps, pipes, controls and instruments, fixtures, electronic wirings etc.) in order to meet the needs of the system.
- Computer-aided engineering and design of the modules.

### **What we offer:**

- Insight into the processes and challenges of a Saxon SME.
- Working with an experienced and innovative team in a relaxed atmosphere.
- Challenging development tasks as well as plenty of room for your ideas.
- Colleagues who will always assist you with your learning.
- Provision of accommodation during your 3 to 6 months stay with us.
- Job opportunity and award in case of success with your task.

### **What you should bring:**

- Completed basic studies in technical subjects, as for instance: Energy-, facility- and environmental engineering or process engineering for chemical plant construction
- Good knowledge of German and English
- Assertiveness, commitment and creativity
- An independent, diligent, well-organized and team-oriented performance as well as a strong desire to succeed.

### **Application:**

- cover-letter and CV in German
- If applicable: references, letter/s of recommendation etc.

Please send your application via e-mail to [ku.kirpal@ket.de](mailto:ku.kirpal@ket.de). You will receive a confirmation of receipt. If applicable we will interview you via Skype or on the phone.

We are looking forward to your application – and hopefully towards welcoming you in Wernsdorf for some exciting months soon!