



Job Title : 3D-Printing Process and Development Engineer

Job Description:

We are looking for reinforcement for a number of our projects and are in search of a passionate Engineer to help us out in our 3D-Printing Lab. As a 3D-Printing Process & Development Engineer, you will typically work with FFF and later on with SLA machines for the manufacturing of ceramics and/or metal. Your day-to-day responsibilities shall include:

- Development of 3DCeram's new generation of Ceramic and Metal FFF Machines together with the 3DCeram team in France
- Printing of FFF ceramic and metal parts for customers
- Operation of surface treatment equipment
- Operation of heat treatment equipment (high- temperature furnaces)
- Supervision of Trainees

Qualifications:

The applicant must be a Bachelor or Master's graduate in core branches of engineering or sciences like Electronics, Mechatronics, Mechanical, Aerospace, Computer Science, Physics etc.

Required Skills/Software:

- Very good knowledge of filament-based 3D-printing (FFF) - you preferably own one or have extensive experience as a user.
- Intermediate knowledge on Materials - focus on ceramics and metals
- Very good knowledge of Mechanical CAD Software (Solidworks)
- Slicer Software (Cura)
- Programming with microcontrollers
- Programming in Python
- MS-Office

Your Qualities:

- You are able carry out tasks independently as well work well in a group
- You have good communications skills
- You have good analytical and problem-solving skills

- You are highly motivated and passionate about 3D-Printing
- You are able to work in an international environment with colleagues, partners and customers located in different parts of the world
- You preferably have prior work experience

Language Skills:

- English: Fluent
- German or French is a plus

Commencement/Job Location : October 2022 in Berlin, Germany (40 hours/week)

How to apply: Please send your CV with all relevant documentation and annual salary expectation to siddharth.tiwari@3dceram.com.

About 3DCeram Sinto Tiwari:

3DCeram Sinto Tiwari (formerly TIWARI Scientific Instruments) is a daughter company of 3DCeram Sinto and is an alumni of European Space Agency's reputed Business Incubation Center (ESA BIC) . 3DCST specialises in the 3D-Printing of high-performance metals (Stainless Steel, Titanium, Copper) and ceramics (Silicon Carbide, Alumina, Zirconia) for aerospace and industrial applications. Located in Berlin, they offer complete manufacturing service for 3D-Printed parts – from design support to surface finishing - and also develop FFF Printers tailored to customer needs for niche applications.

Website: www.tiwari-instruments.com, www.3dceram.com

About 3DCeram Sinto:

3DCeram Sinto Tiwari belongs to the Sinto Group of Japan. Established in 1934 the Sintokogio is a family group with 50 companies employing 4000 people worldwide. 3DCeram Sinto Tiwari officially became part of the Sinto Group in July 2022. In 2017 3DCeram opens its capital to Sinto Group who becomes the majority shareholder, allowing the French company to develop its new business model and become the leading supplier of stereolithography 3D printers for ceramics. As process provider for additive manufacturing Sinto 3DCeram has developed a range of industrial 3D printers aiming the new way to produce in the digital factory, also called Smart Factory.