



AMIT KUMAR SHARMA

Proactive and highly efficient in Characterization techniques in Scanning & Transmission Electron microscope and various accessories attached with Electron microscope. Expertise in project handling with the ability to work in a multicultural international environment.

Professional expériences

May 2019 Onwards: Technical Officer at Institute Instrumentation Center, IIT Roorkee,

Work: Operation and Maintenance of scanning & Transmission electron microscope equipped with EDS, EBSD, E-beam Lithography.

July 2015 – May 2019: Technical Assistant at Malviya National Institute of Technology Jaipur

Work: Operation and Maintenance of Scientific equipment scanning & Transmission electron microscope equipped with EDS, EBSD, XPS & NMR

July 2010- July 2015: Sr. Executive Customer support at ICON Analytical Equipment Pvt. Ltd Delhi

Work: Installation and Maintenance of Scientific equipment scanning & Transmission electron microscope equipped with EDS, EBSD, E-beam Lithography

2008-2010: Lecturer, VIRA college of Engineering Bijnor, India

Work: Lecturer in Electronics & Communication department

Education

M. Tech. in Electronics VLSI Design from NIT Jaipur.

Project: Thin Film Transistor Fabrication

Trainings

• **SEM/SDB CM& TS: FEI University Netherlands- March 2015 2-week advanced training on FESEM dual beam systems**

• **LEVEL 1.2 SEM-SDB: FEI University Netherlands- Feb 2013 1-week advanced training on FESEM dual beam systems oriented towards fault findings related to stage and Gun module.**

• **Basic Operation & Maintenance: FEI University Netherlands- June 2011**

• **Three-week training in FEI Company related to sample and basic maintenance of Scanning & Transmission electron Microscope.**

Personal information:

Nationality: Indian

DOB: 20/03/1986

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Languages:

- ◆ **English:** Fluent, and professional
- ◆ **Hindi:** Native Language

Computer skills:

- ◆ Microsoft Office, Excel
- ◆ C and C++
- ◆ COMSOL Multiphysics

Managerial skills:

- ◆ Teamwork and collaborator
- ◆ Leadership
- ◆ Proactive

Technical skills:

- ◆ FESEM, TEM, EDS, EBSD