

SUDHEER KORLAM

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EDUCATION

Indian Institute of Technology, Roorkee.

Bachelor of Technology, Metallurgical and Materials Engineering (2011 – Current)

GPA – 8.93/10

Intermediate Public Examination (2009-2011)

Percentage – 93.9 out of 100.

Secondary School Examination in 2009

Percentage – 86.8 out of 100.

RESEARCH INTERESTS

Synthesis of Carbon Nanotubes and other Nanostructured materials, Synthesis of Graphene for Energy applications.

TECHNICAL SKILLS

Programming Languages - C++, Python.

Software – MATLAB, Solid Works, MS Office.

Characterization - SEM, X-Ray Diffraction.

RELEVANT COURSES

Physical Metallurgy	Thermodynamics and Kinetics of Materials	Nano materials
Tribology of Materials	Metallurgical and Instrumental Analysis Lab	Phase Transformation
Transport Phenomenon	Electrical & Electronic Materials	Polymer Science
Solid Mechanics	Ceramics and Metal Powder Processing	C++ Programming

INTERNSHIPS

1. **Organization:** INRS Energy, Materials and Telecommunications Lab, Quebec, Canada.
Topic: Synthesis of (doped-) Graphene for Clean Energy Applications.
2. **Organization:** Vizag Steel Plant, Vizag, India.
Topic: Steel Making and the Scope of Process Automation in Steel Making.

POSITIONS OF RESPONSIBILITY

- Joint Secretary of Photography Section.
- Manager of Events at Cognizance 2014, the annual technical festival of IIT Roorkee. (January to March 2014)
- Student volunteer at NSS IIT Roorkee.
- Active member of Materials Advantage group.