



**Mr. Hari Kishor Sah**

Degree: Master of Science in Condensed Matter Physics

Name of the University: Norwegian university of Science and Technology (NTNU), Norway

Degree: M.Sc. in Physics, T.U. Nepal

Specialization: Solid State physics and Condensed Matter physics

Research Interest: Solar materials and Atmospheric physics

E-mail: harikishors@hotmail.com

Teaching Experience: 20 yrs (since 1997 to now)

Taught institutions: Tri-Chandra College, Kathmandu, Laboratory Higher Secondary School, Kirtipur, Kathmandu University, Dhulikhel and St. Xavier's College, Maitighar, Kathmandu (present)

### **Research work:**

Thesis: Surface studies of as-cut silicon for solar cells.

### **Project:**

- Mathematical Modeling of Temperature Distribution on the Upper Surface of the Jumla (high altitude place) Design Metal Stove.
- An overview of the latest IPCC report detailing with sources of CO<sub>2</sub>.
- Possibilities and current status of solar energy activities in Nepal.
- Mean field theory and Landau theory for phase transitions, including small fields.

### **Students' Project Work:**

- Variation of refractive index of transparent liquid with temperature and concentration.

Variation of dielectric constant of organic liquid with temperature