

## **Academic Resume (Brief)**

**Name :** Dr. JOSODHIR DAS, Scientific Officer

### **Academic record**

**Ph. D. (1995)** in Earth Sciences from University of Roorkee/IITR

**M.Tech. (1984)** 1st Class (App. Geology) from University of Roorkee/IITR

### **Nature of the employment and working experience**

Research Associate From Nov. 1984 to Sept. 16, 1985 : in DEQ

Scientist 'B' / Scientific Officer- Since Sept. 17, **1985** in DEQ

Engaged in studies related to geoscience, remote sensing, tectonics, seismicity.

### **Teaching:**

"Earthquake Geology and Geoinformatics - IEQ-05" for B.Tech. Students. (Both Spring and Autumn semester).

Geoinformatics – EQ 538 for M.Tech. students (Spring Semester)

Taken classes in DMMC for M.Tech. course, Autumn Sem. 2012.

**M. Tech./M.Sc. Thesis Supervision:** Nine completed.

**M. Tech. project supervision:** Regular basis

**Ph. D. Thesis supervision:** Two (2) Completed and Awarded ;

**Four (4) in Progress**

### **Publications:**

**In Journals :** Published = 36; Accepted = 1 ; Submitted= 1

**In Symp./Conf./Workshop/Memoir = 25; Book Chapter: One**

**Technical Reports and Consultancy Reports:** More than 150 and several in progress.

### **Research Project :**

**Executed MoES** funded Research Project entitled "Earthquake hazard assessment of Indo-Burman tectonic belt based on spatial Technologies (RS & GIS) as **P.I.** **Cost of the project : Rs. 25.45 lakhs.**

Executed a Research Project entitled “Development of North Indian winter fog - GIS forecasting model” **As Co-PI. Cost of the project : Rs. 6.45 lakhs**

Executing a Research Project entitled “SAR Interferometry in surface deformation studies in tectonically active parts of India” **As Co-PI. Cost of the project : Rs. 17.42 lakhs**

Involved in “Strong Ground Motion Studies and its Applications” funded by Ministry of Earth Science.

**Abroad Visit :** Participated in International UNESCO course on "Seismology, Tectonics and Seismic Risk Assessment" held from September 5 to October 4, 1989 in Germany.

Visited St. Petersburg (Russia) during July 12-18, 2010 under Long Term Programme (ILTP) of Cooperation in Science and Technology between India and Russia and carried out scientific work.

### **Delivered lectures and conducted practical for the Short term courses**

- SERC School SEP-IV (April 19 to 24, 1999)
- Strong motion instruments: Processing and use of its data (Aug. 21 to 26, 2006)
- Operation and maintenance of Strong Motion Instruments (May 13 to 24, 2002)
- Delivered invited lectures in Earth Sciences.

### **Review of Research Paper for the International Journal of Remote Sensing**

**Examined M.Tech. Thesis and Reviewed research papers for Int. Journal**

### **Membership of Learned Society :**

Life Members- Indian Society of Earthquake Technology; Indian Society of Remote Sensing