Centre for Sponsored Schemes and Projects
Indian Institute of Science, Bangalore 560 012

Advt No. (VIIIA) DAE 97/308-83/2002

Invites Applications for the

Post : Research Associate/JRF

Title of the Project : Mathematical and physical modelling of boron carbide manufacturing process

Tenure of the Project : 31 March 2004

Sponsors : DAE

Essential qualification : ME in Metallurgy/Chemical/Mechanical Engg.

Desirable : Candidates should have a knowledge of metallurgical thermodynamics, heat and mass transfer and finite element analysis.

Job description : The selected candidate has to set up the experimental facility and perform the experiments at laboratory scale to manufacture the boron carbide in a heat resistance furnace and develop a mathematical model for heat and mass transfer of this process and discharge any other duties assigned from time to time.

Emoluments : Consolidated fellowship of Rs 8000/- pm.

Persons who have submitted the thesis for the award of Ph.D. can also apply. They will be considered for the position of Research Associate (Provisional). If suitable candidate is not available for the position of Research Associate, candidates with BE qualification with GATE/NET qualified will be considered for the position of Junior Research Fellow on consolidated fellowship of Rs 6000/- pm.

Candidates should send their applications on plain paper furnishing the biodata, copies of certificates in support of age, qualifications, experience, etc., a crossed Indian Postal Order for Rs 5/- (SC/ST candidates are exempted from payment on production of Caste/Tribe certificate) drawn in favour of Registrar, Indian Institute of Science, Bangalore 560 012, to Dr Govind S. Gupta, Department of Metallurgy, Indian Institute of Science, Bangalore 560 012, within fifteen days from the date of this notification.

Date: 2 December 2002
Registrar