

**CENTRE FOR SPONSORED SCHEMES AND PROJECTS
INDIAN INSTITUTE OF SCIENCE**

BANGALORE 560 012

Advt No. (VIA) DAE-97/308-34/2001

INVITES APPLICATIONS FOR THE

Post	:	RA/JRF
Title of the project	:	Mathematical and physical modelling of boron carbide manufacturing process
Tenure of the project	:	Up to 31.03.2004
Sponsors	:	DAE
Essential qualification	:	M.E. in Metallurgy/Chemical/Mechanical Engg.
Desirable qualification	:	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 associateship of Rs 8000 p.m.

Candidates with B.E. qualification in the above field can also apply. If suitable candidate is not found for the post of Research Associate, the candidate with B.E. will be considered for the post of Junior Research Fellow with a fellowship of Rs 5000 p.m.

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 Cast/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 15 Days from the date of this notification.**

Date: 20.09.2001

REGISTRAR