



**CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH (CSIR-CIMFR)**  
*Council of Scientific and Industrial Research (CSIR)*  
**BARWA ROAD, DHANBAD, JHARKHAND – 826 015, INDIA**

**Advertisement No. AcSIR/CIMFR/1/2011**

CSIR-CIMFR ([www.cimfr.nic.in](http://www.cimfr.nic.in)), a national laboratory under CSIR ([www.csir.res.in](http://www.csir.res.in)), Govt. of India involves in R&D in mining and fuel sectors for more than 5 decades. The Institute is working in almost 50 different research areas to provide scientific and technological inputs for optimization of mining and fuel science technologies for better safety, economy, conservation and environmental management. Applications are invited from the eligible candidates for admission to full-time Research Programme (PhD in Engineering) as per the following:

PhD in Engineering Programme	Eligible Qualifications
Mining Engineering	A Master's degree in Engineering/ Technology/ or equivalent with a good academic record who have secured Masters degree admission based on GATE score or valid CSIR-SRF or equivalent fellowship.
Fuel Science and Technology	A Master's degree in Engineering/ Technology/ or equivalent with a good academic record who have secured Masters degree admission based on GATE score or valid CSIR-SRF or equivalent fellowship.

The research areas in Mining Engineering are methods of mining, rock mechanics and ground control, design of mining structures including supports, thick and complex seam mining, mine subsidence, hard roof management, slope stability, blasting, stowing, flyash utilization, mine fire evaluation and control, disaster management in mines, mine automation, EIA/EMP, ventilation planning and design, coastal placer mining, CBM, CMM, etc. including design of hydro-electric projects, underground space technology, socio-economic development of people residing in mining areas, etc. The research areas in Fuel Science and Technology include resource quality assessment of coal, coal combustion, beneficiation, carbonization, liquefaction, coal characteristics, etc.

Research Fellows/Projects Assistants who fulfill the qualifications and are already working at CSIR-CIMFR for a minimum of one year are also eligible to apply. Upper age limit is 28 years as on 01.01.2012 which is relaxable by 5 years for SC/ST/OBC/ Women/Physically Handicapped candidates. The programmes would commence from January, 2012 and include course work with wide choice of elective subjects. **For details about course work, faculty, facilities, on-going research, amenities, date-line, selection procedure etc. and applying on-line, visit: [www.csio.res.in](http://www.csio.res.in) or [csir-phd.csio.res.in](http://csir-phd.csio.res.in).** Mere fulfillment of the minimum requirements stipulated in the notification would not automatically entitle a person for selection. The decision of the Institute in this regard shall be final.

**Last date for receiving on-line applications is November 11, 2011.**