

CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH
(Council of Scientific & Industrial Research)
Barwa Road, Dhanbad-826015

NOTIFICATION FOR ENGAGEMENT OF PROJECT ASSISTANT

No. Proj/CIMFR/MLP/12-RU/898

Date: 15th November, 2012

Applications are invited from eligible candidates for empanelment of Project Assistants in various time bound In-house Projects to work at CIMFR Hqs or its Units including field sites. The candidates who fulfill the following eligibility conditions may apply on a A-4 size plain paper (Preferably typed on computer) indicating Notification No., Name, Father's name, Sex, Date of birth, Qualification (percentage of marks & year of passing from 10th onwards), Category (SC/ST/OBC/PH/UR), Address (Permanent & Correspondence along with contact No: viz Mobile/Landline No. & E-mail address), Experience etc. and Details of relationship with CIMFR / CSIR employees and, Signature of applicant along-with copies of all testimonials and certificates duly attested by a Gazetted officer and a self-attested passport size photograph.

Sl. No.	Project No.	Name of the Position	Number of the Position	Project Title	Educational Qualification	Desirable Experience
1	MLP-18 / 2012-13	Project Asstt. Level – II	One	Development of process for coal washing & treatment of washery effluents through Bio-approach	M.Sc. in Biotechnology/ Chemistry/Micro-biology	Field survey experience required, Computer Knowledge
2	MLP – 19/ 2012-13	Project Asstt. Level – I	One	Studies on leaching behavior of mercury from coal fly ash	B.Sc. with Chemistry as one subject	One Year Analytical Work in reputed Lab
		Project Asstt. Level – II	One		M.Sc. in chemistry, Biochemistry, Environmental Sciences	One Year Research experience in reputed laboratory.
3	MLP-033/ 2012-13	Project Asstt. Level – II	One	Assessment of exposure risk to toxic metals and carcinogens (PAH & dioxins) for commuters in Jharia coal field.	M. Sc. /M. Tech (Environmental Science)	Not Required
4	MLP – 20/ 2012-13	Project Assistant Level-I	One	Nondestructive evaluation and in-situ study of the condition of steel wire ropes of aerial ropeways	Diploma (3 years duration) in Electrical / Mechanical Engineering	Not Required

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5	MLP – 24/ 2012-13	Project Asstt. Level – I	One	3 D Modeling of Placer Deposits based on High Resolution Ground Penetration Radar (GPR) Subsurface Surveys	B.Sc in (Geology/Geophysics)	Not Required
6	MLP – 35/ 2012-13	Project Asstt. Level – II	One	Development of Expert System on Mine fires.	B. Tech (Computer /Mining Engg.)	Experience in programming, preferably C++, visual studio, and any GIS for 3-6 months
		Project Asstt. Level – II	One		M. Sc./M. Sc Tech. (Chemistry/Geology)	Working Experience of coal analyses in a reputed national laboratory/Institute for 3-6 months.
7	MLP – 16 /2012-13	Project Asstt. Level – I	One	Demarcation of waterlogged and dry areas of coalmines using Mine Via Radar System.	Diploma in Mining Engineering Or B.Sc. in Physics Hons.	Not Required
8	MLP – 14/ 2012-13	Project Asstt. Level – I	One	Determination of the strength properties of ANFO when mixed with different additives for carrying out effective blasting.	Diploma in Mining Or B.Sc in Geology/ Chemistry	Not Required
9	MLP – 34/ 2012-13	Project Asstt. Level – II	One	Studies on Co-gasification kinetics of petroleum coke / biomass and high ash coals	M.Sc in Chemistry (Organic/Physical/ Inorganic)	Not Required
10	MLP-29/ 2012 -13	Project Asstt. Level – I	One	R & D studies on beneficiation of washery rejects.	B.Sc. in Physics/Chemistry/ Mineral Beneficiation	Not Required
11	MLP-30/ 2012 -13	Project Asstt. Level – I	One	Fundamental studies on surface characteristics of coal fines using zeta potential and contact angle analyzer for upgradation by forth flotation.	B.Sc. in Chemistry	Not Required

Sl. No.	Project No.	Name of the Position	Number of the Position	Project Title	Educational Qualification	Desirable Experience
12	MLP-31/ 2012 -13	Project Asstt. Level – I	One	Studies on the effects of design and operating variables of 100 mm & 150 mm diameter heavy medium cyclone for achieving maximum yield at desired quality from difficult-to-wash Indian coking coals.	B.Sc. in Chemistry/Mineral Beneficiation	Not Required
13	MLP – 27/ 2012-13	Project Asstt. Level – II	One	Energy conservation and study of mine safety aspects of electrical and mechanical machineries in opencast mines using infrared Thermography technique	B. E/B.Tech (Electrical)	Not Required
14	MLP – 25/ 2012-13	Project Asstt. Level – II	One	Development of a commercially viable indigenous seismograph	M.Sc/B.E/B.Tech in Physics/Electronics	experience preferably in dot net software development
15	MLP-28/ 2012-13	Project Asstt. Level – I	One	Study on relationship between hardgrove grindability index and petrographic property of some Indian coals.	B.Sc in Chemistry/Geology	Not Required
16	MLP – 21/ 2012-13	Project Asstt. Level – II	One	Characterization of respirable airborne dust from different mines in relation to dust-induced lung diseases	M.Sc. or equivalent in Physics, Chemistry Environment Sciences, Bio-Chemistry, Bio-Technology	Working experience related to qualitative and quantitative assessment of airborne respirable dust and its exposure to human being.

General Information

Reservation of Position are as follows- For Level II {UR- 05, OBC-02, SC-01, ST-01} & Level I { UR- 05, OBC-02, SC-01, ST-01}

Age Limit: Maximum Age of the applicants as on 14.12.2012 should be 25 Years only for P.A Level I and 28 years for P.A Level II. Relaxation as per GoI rules will be applicable. All qualification for Level II & I should be with minimum 55% & 50 % marks respectively. In case of SC/ST candidates, marks shall be relaxed by 5%. No TA/DA will be paid for attending the interview. Interim enquires will not be entertained. Candidates may please note that incomplete applications in any respect and applications received after due date will not be considered. Envelopes containing applications (download from website) duly filled in and super- scribed ‘ Application for the position of Project Assistants Level- I or II should reach – The Controller of Administration, Central Institute of Mining & Fuel Research, Barwa Road, Dhanbad- 826 015 on or before 14.12.2012 through ordinary post.

Sd/-
(P G Deogharia)
Controller of Administration

