

NONFERROUS MATERIALS TECHNOLOGY DEVELOPMENT CENTRE

KANCHANBAGH, HYDERABAD – 500 058

Fellowship offered	Project Associates -2 Nos Senior Project Associate – 2 Nos
Code	PA (Project Associate) & Sr. PA (Senior Project Associates) R & D Project based positions for fresh and experienced candidates.
Organization Name	N.F.T.D.C. (Nonferrous Materials Technology Development Centre)
Organization profile	<p>NFTDC is an autonomous and self-financing R&D institution under the aegis of ministry of Mines, dedicated to the development of Advanced Materials + Innovative Processes on the one hand and Engineering Design + Analysis and Electronics + Instrumentation + Control, leading to component and Systems development & Integration, on the other. NFTDC is an unique Technology Centre, in that it is a multi disciplinary knowledge domain based institution which ensembles the centre to undertake complex technology development endeavours as interdisciplinary projects involving both knowledge creation (scientific know-why) and knowledge integration (technical knowhow). NFTDC's uniqueness also stems from its three genetic characteristics, namely, (i)self-financing nature, (ii) Multi-disciplinary all executive Human Resource and (iii) Policy of applied R&D as contract/sponsored research, oriented to needs of user agencies.</p> <p>NFTDC is involved in development of advanced materials and systems in high technology areas such as (i) Aerospace & Aeronautical (ii) Automotive (iii) Energy (Conventional and Nonconventional) (iv) Metallurgical & Chemical Engineering, (v) Biomedical and Health care (v) Environmental sectors. The basic core competence of NFTDC in (a) Design (b) Advanced Materials & Manufacturing and (c) Controls and Instrumentation have been integrated in all projects to render technology solutions in an end-to-end paradigm. NFTDC's systems approach to technology development enables concept-to-product development thus addressing real gaps in translational research. NFTDC has state of art facilities in design, advanced manufacturing, product development and pilot production, together with advanced testing and characterization facilities. Centre of Excellence in (a) EV and Hybrid EV Drives under National Mission on Electric Mobility (NMEM), (b) Materials & Energy Systems (c) Advanced Manufacturing Technologies cater to development of next generation technologies.</p>
Job Description	<p>The Project based candidate will be responsible for:</p> <ol style="list-style-type: none"> 1. To carry out chemical characterization of alloys and ceramic materials 2. To assist in projects related to the synthesis of Advanced Materials 3. To operate and maintain Analytical Instruments viz., ICP-OES, Spark analyzer, AAS, UV-VIS Spectro-photometers 4. To assist in Quality Assurance programs such as NABL/ISO/5S operations.

Desired Profile of the candidate & Age	First Class M.Sc. in Analytical Chemistry / Inorganic Chemistry from a recognized University and analytical work experience in reputed organisations. Age: < 25 Yrs for PA < 30 Yrs for Sr.PA
Desired Work experience	2- 3 Years in a reputed Chemical Laboratory / Research Institute for the award of Senior Project Associate. Meritorious fresh M.Sc. candidates shall be awarded for Project Associate.
Skill Set	<ol style="list-style-type: none"> 1. Must have sound knowledge in Analytical Method Development 2. Must have aptitude for Research in chemical processes and synthesis methods 3. As Chemical Analysis is to confirm to QC / QA documents, the candidate should possess very good written communication skills and should also be able to prepare reports required for ISO /NABL 4. Must be Fast learning, analytical and problem solving skills 5. Must have Proactive self starter who can operate various analytical equipments /instruments individually without day to day supervision 6. Must have willing to learn new frontiers and apply knowledge 7. Should have good communication skill and ability to work in a team
Stipend offered (CTC)	PA : ₹ 2.5 to 3.0 Lakhs /Annum Sr. PA: ₹ 3.5 to 3.8 Lakhs /Annum
Duration of the Award	1-3 Years * The candidates can register for part time PhD by external Registration in Universities.
Selection criteria	<ol style="list-style-type: none"> 1)First Division in M.Sc 2) Written Test in general aptitude (1 Hour) and core discipline (2 Hours) 3)Interview 4) Practical Test
Location & application Last Date:	Hyderabad 06-May-2017
Contact Details	NFTDC P.O., KANCHANBAGH Hyderabad – 500 058 Phone: +91-40-2434 1332, 2434 2300, 2434 2567 Fax: +91-40-2434 0592

Apply by sending your resume to email address: career@nftdc.res.in