



**CSIR-NATIONAL METALLURGICAL LABORATORY
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
JAMSHEDPUR, JHARKHAND- 831007**



Research and developments at National Metallurgical Laboratory focuses on Minerals, Metals and Materials. CSIR-NML has initiated Ph.D. programs in Materials and Metallurgical Engineering, broadly involving mineral processing, primary and secondary extraction, advanced materials for functional applications, structural materials and alloys, automotive, nuclear, power, energy efficient materials and coatings, waste utilization, non-destructive evaluation, mechanical behaviour of materials, surface engineering of various advanced alloys and materials, corrosion and prevention, metal forming, thermo-mechanical behaviour, grain boundary engineering, iron and steel making etc.

Application invited for Ph.D. Programme for January 2021 session



CSIR-NML invites applications for its IDDP Integrated Dual Degree Program (Engineering) and Ph.D. Program (Engineering) under the AcSIR in the ensuing session commencing from January 2021.

Ph.D. (Engineering):

A Master's degree in Engineering or Technology in Metallurgy/ Materials Science/ Chemical Engineering / Nanotechnology/ Nano-science/ Forge or Foundry /Mineral Engineering with good academic record having valid CSIR-SRF or meeting all conditions of eligibility for an equivalent fellowship.

Integrated Dual Degree Program (Engineering):

A 4-year undergraduate degree in Engineering or Science BE/BTech/BS.(Engg.), in Metallurgy/ Materials Science/ Chemical/ Mechanical Engineering or equivalent with a valid high GATE score.

Selection:

Selection for admission to the Ph.D. program shall be on the basis of written test and/or Interview of shortlisted candidates at CSIR-NML, Jamshedpur. Students are advised to visit the AcSIR website (<http://acsir.res.in>) for dates of written test and/or interview.

How to apply:

Interested students who fulfil the eligibility criteria can apply online and download the application form from the website mentioned below. For more details about application and admission procedures, candidates are requested to visit the ACSIR website: <http://acsir.res.in>

Last date of submission of application: 15th November, 2020

Why CSIR-NML:

Unique state-of-art laboratory facilities , faculty and research environment

Ph. D. research problems linked to on-going technology development and industry sponsored projects

Contact Details:

Dr. Jitendra Kumar Sahu

Sr. Principal Scientist, Coordinator AcSIR

coordinator.nml@acsir.res.in, 0657-2345194