



**DEPARTMENT OF APPLIED CHEMISTRY
DELHI TECHNOLOGICAL UNIVERSITY
Shahbad Daulatpur, Bawana Road, Delhi-110042**

Re-advertisement for the post of Research Intern

Applications are invited from highly motivated and eligible candidates for one **Research Intern** under the DTU sponsored project titled **“Development of Fire-Retardant Polyurea (PUR) Coating for Fire Mitigation Applications”** under CCDR, DTU as per the details given below:

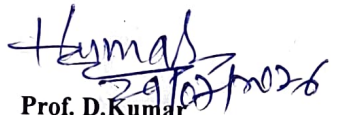
Particulars	Details
Name of Position	Research Intern
Sponsoring Agency	DTU Sponsored Project under CCDR
Project Title	Development of Fire-Retardant Polyurea (PUR) Coating for Fire Mitigation Applications
Principal Investigator	Prof. D Kumar, Department of Applied Chemistry, DTU
Monthly Emoluments	Rs. 30,000/- per month, consolidated
Tenure	12 months or co-terminus with the project, whichever is earlier. The engagement is purely contractual and project-based; continuation shall be subject to satisfactory performance, availability of project funds, and approval of the competent authority.
Role Summary/Job Description	The research intern will independently conduct research under the CCDR-sponsored project titled Development of Fire-Retardant Polyurea (PUR) Coating for Fire Mitigation Applications . The selected candidate will be responsible for the formulation and development of fire-retardant polyurea coatings, optimization of synthesis parameters and evaluation of their thermal, mechanical, and fire-mitigation properties. The candidate will carry out advanced materials characterization using relevant analytical techniques, analyze experimental data, prepare technical reports, maintain project documentation and contribute to research publications, patents and technology development. The research intern is also expected to support project planning, laboratory management, procurement of consumables and collaboration with the project team to ensure timely completion of project objectives.
Essential Qualifications	Completed/Pursuing Ph.D in Chemistry or a closely related discipline OR Completed M.Sc in Chemistry or a relevant discipline with minimum 60% marks or equivalent CGPA.
Preferred Skills	Instrumentation skills on UV-Visible, FTIR, Coating and Analysis (SEM, TEM UL-94P, CONE Calorimetry)

How to Apply

1. The interested candidates are required to submit the detailed CV, recent passport-size photograph and self-attested proofs of educational qualifications, experience certificates and relevant publications/projects, if any, should be compiled into a single PDF file and sent by email to dkumar@dce.ac.in.
2. The subject line of the email should be: “Application for the Post of Research Intern.
3. Last date for receipt of applications: **05/08/2026, up to 5:00 PM**.
4. The shortlisted candidates will be informed through email only for interview. No separate communication shall be made to non-shortlisted candidates.

Terms and Conditions

1. The engagement is purely contractual and project-based. The appointment shall be for twelve (12) months or co-terminus with the project, whichever is earlier.
2. The selected candidate shall be paid consolidated monthly emoluments as specified above. No additional allowances such as HRA, TA, DA, medical benefits or any other benefits shall be admissible.
3. No TA/DA shall be paid to candidates appearing for the interview or any selection-related process.
4. The selected candidate shall be governed by the disciplinary rules and regulations of Delhi Technological University as applicable from time to time.
5. The selected candidate shall maintain strict confidentiality of project data and may be required to sign a Non-Disclosure Agreement (NDA) as per institutional and project norms.
6. This engagement does not confer any right or claim for regular or permanent employment at DTU or with the sponsoring agency. The services shall automatically stand terminated upon completion of the project or earlier at the discretion of the competent authority/project investigator.
7. If any information is found false or incorrect at any stage, the candidature/appointment shall be liable to cancellation.
8. Candidates who are currently employed must submit a No Objection Certificate (NOC) from their employer at the time of joining.
9. All communication with shortlisted/selected candidates shall be made only through email and/or the official website.
10. The competent authority/project investigator reserves the right to fill or not to fill any/all position(s) advertised, without assigning any reason.
11. Canvassing in any form will lead to disqualification of candidature.


Prof. D. Kumar
Principal Investigator