



राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली

NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An autonomous Institute under the aegis of Ministry of Education (Shiksha Mantralaya), Govt. of India)

Plot No. FA7, Zone P1, GT Karnal Road, Delhi-110036, INDIA

दूरभाष/Tele: +9111-33861000, 1001, 1005 फैक्स/ Fax: +9111-27787503,

वेबसाइट/Website: www.nitdelhi.ac.in

Dated: 15/10/2025

Advertisement for the post of Project Research Scientist-I (PRS-I) and Project Technical Support-III (PTS-III)

Applications are invited for the post of Project Research Scientist-I and Project Technical Support-III purely on contract basis under the ICMR funded project entitled “AI-Assisted Anemia Diagnosis: Integrating metasurface holography and spectroscopy for Automated, label free screening”. The details of the project are mentioned below:

Title of the Project	AI-Assisted Anemia Diagnosis: Integrating metasurface holography and spectroscopy for Automated, label free screening
No. of position	PRS-I: 01, PTS-I: 01
Project Duration	3 years

Other relevant information:

01.	Principal Investigator	Dr. Gyanendra Sheoran
02.	Essential Qualifications	PRS-I - 1. First class Post Graduate Degree, including the integrated PG degrees Or Second class Post Graduate Degree, including the PG degrees with PhD 2. For Engineering/ IT/ CS-First Class Graduate Degree of Four years + Three years experience in relevant field/PG Degree/ Ph.D. PTS-III – 1. Three Years Graduate in relevant subject/ field + three Years experience or PG in relevant subject/field. 2. For Engineering/ IT/ CS– First Class Four Years Graduate Degree + Three Years Experience or PG in relevant subject/field. <i>Desirable:</i> Candidates with an experience in dealing the optics/prototyping of optical instrumentation/spectrometer, Machine Learning, proficiency in MATLAB, Python, designing of metamaterial using Lumerical, COMSOL, Metaoptics, CST etc. will be preferred.
02.	Age	PRS-I: 35 years, PTS-III: 35 years
03.	Salary/Emoluments	PRS-I: Rs. 56000/- + 30%HRA; PTS-III: Rs. 28000/- + 30%HRA
04.	Duration	Initial appointment will be for 1 year with a provision of extension depending upon the performance of the candidate. However, there is a possibility of a candidate to register for Ph.D., in such case the appointment will be given for 3 years.
05.	Date of Interview	The shortlisted candidates will be informed about the interview through email within two days after the last date (04/11/2025). Note: No TA/DA will be paid for attending the interview. Interview will only be conducted in offline mode.

Interested candidates should apply by filling an attached form via email to gsheoran@nitdelhi.ac.in by 04/11/2025.

For any query contact to –

Dr. Gyanendra Sheoran (gsheoran@nitdelhi.ac.in),

Associate Professor (Physics), Department of Applied Sciences

National Institute of Technology Delhi,

Mob.: 7042131946



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Application form for the position of Project Technical Support-III & Project Research Scientist - I

Dated:/...../.....

Post applied for: Project Technical Support – III

☐

Project Research Scientist – I

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Project Title: AI – Assisted Anemia Diagnosis: Integrating Metasurface Holography and Spectroscopy for Automated Label Free Screening

PERSONAL DETAILS (Fill all details in BLOCK letters)

1.	Candidate Name	
2.	Father's Name	
3.	Date of Birth (DD/MM/YY)	
4.	Category (GEN / OBC / SC/ST)	
5.	Nationality	
6.	Address for correspondence	
7.	Mobile Number	
8.	E-mail address	

EDUCATIONAL QUALIFICATION(S): (Attach relevant documents for Proof)

Exam passed (in chronological order from present to past)	Name of board/ University	Year of passing	Subjects / Stream	Percentage Marks/ GPA	Division
Ph.D.					
Post Graduation (M.Sc. / M.Tech.)					
Graduation (B.Sc. / B.Tech.)					
NET / GATE / Others					
XIIth (Senior Secondary)					
Xth (Higher Secondary)					



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RESEARCH/WORKING EXPERIENCE (In chronology, ATTACH relevant PROOF such as offer letter/work experience letter, etc):

Example: Research Assistant/Analyst, abc organization, 2013 – 2017, Skills: data analysis, (others)

1.
2.
3.
4.
5.

PUBLICATIONS IN JOURNALS / SEMINARS / CONFERENCES (Enclose extra sheet as list of publications if you ran out of space and indicate the same in the list of enclosures, ATTACH PROOF such as Acceptance letter / Certificate):

1.
2.
3.
4.
5.

Describe how your experience and skills align with the project requirements (Not more than 200 words)

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REFEREE INFORMATION (Professors/heads of institutes/employers, etc.)

Name	Designation	Complete Address	Email and contact



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ANY ADDITIONAL INFORMATION (if any, attach relevant proof)

1.
2.
3.

DECLARATION:

I hereby declare that the information given in this application is true and correct to the best of my knowledge and belief. I understand that my candidature shall be liable to cancellation/termination without any notice, if the above facts are found to be falsified.

Date :

Place :

(Name of candidate and signature)

LIST OF DOCUMENTS ATTACHED (list more if required):

1.
2.
3.
4.
5.
6.
7.
8.