

इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी दिल्ली

हौज खास, नई दिल्ली -110016

(औद्योगिक अनुसंधान एवं विकास इकाई)

INDIAN INSTITUTE OF TECHNOLOGY DELHI

Hauz Khas, New Delhi-110016

(Industrial Research & Development Unit)

No. IITD/IRD/RM00054G/ 513/55

Dated:29/04/2026

Advertisement No.: IITD/IRD/104/2026

Applications from Indian nationals are invited for Project Appointment under the following project. Appointment shall be on contractual basis with consolidated pay, renewable yearly or upto the duration of the project, whichever is earlier. निम्नलिखित परियोजना के तहत भारतीय नागरिकों से आवेदन आमंत्रित किए जाते हैं। अपॉइंटमेंट, अनुबंधित आधार पर समेकित वेतन, नवीकरणीय वार्षिक या परियोजना की अवधि तक, जो भी पहले हो, के साथ होगा।

Summary of the Project: The project deals with the development of optical components such as high reflective mirrors, optical windows and efficient diffractive optical element for spectrally combining the multiple semiconductor laser beams for its use in high power laser systems. Such critical optical components require multilayer dielectric stack coating and preparation of super finished substrate by grinding. Precision optical fabrication and metrology fundamentals are to be used in their development process. The diffractive optical element requires writing of grating structures and etching of written structure.

Title of the Project	Design and Development of Optical Components for Power Scaling Potential by using Spectral Beam Combining for High-Power Laser Application (RM00054G)	
Funding Agency	DIA-CoE DRDO, IIT DELHI	
Name of the Project Investigator	Prof. Gufran Sayeed Khan [email ID: gufranskhan@sense.iitd.ac.in]	
Deptt./Centre	Centre for Sensors, Instrumentation and Cyber Physical Systems Engineering (SeNSE)	
Duration of the Project	Upto:05/02/2031	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Principal Project Scientist (1)	Rs.75,600-77,870-80,210-82,620-85,100-87,650-90,280-92,990-95,780-98,650-1,01,610/-p.m. plus HRA @ 30%	PhD in optical engineering and related areas with first class OR M.Tech./MS(R) in optical engineering or related areas with 06 years of experience. The experience in optical design, fabrication and metrology especially in lithography is desirable.

The candidates who are interested to apply for the above post should download **Form No. IRD/REC-4** from the IRD Website (<http://ird.iitd.ac.in/rec>) of IIT Delhi and submit the duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, details of work experience etc. **by e-mail with advertisement No. on the subject line to Prof. Gufran Sayeed Khan at email id: gufranskhan@sense.iitd.ac.in**

IIT Delhi reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post and their name will be displayed on web link (<http://ird.iitd.ac.in/shortlisted>) **alongwith the online interview details. Only short-listed candidates will be informed for online interview.** In case any clarification is required on eligibility regarding the above post, the candidate may contact to **Prof. Gufran Sayeed Khan at email id: gufranskhan@sense.iitd.ac.in** 5% relaxation of marks may be granted to the SC/ST Candidates. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing IRD norms. अनुसूचित जाति / अनुसूचित जनजाति के उम्मीदवारों को अंकों की 5% छूट दी जा सकती है। एक सेवानिवृत्त सरकारी कर्मचारी के चयन के मामले में उसका वेतन वर्तमान आईआरडी मानदंडों के अनुसार तय किया जाएगा। **The last date for submitting the completed applications by e-mail is 13/05/2026 by 5.00 p.m.**

कार्यवाहक प्रमुख, आईआरडी

वितरण

- Head of the Deptt./Centres/Units : It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit
- Webmaster, IRD : To put advertisement at IITD website.
- Notice Boards
- Advertisement file
- Prof. Gufran Sayeed Khan, PI
- Centre for Sensors, Instrumentation and Cyber Physical Systems Engineering (SeNSE)
- Copy to Chairperson, DRC/CRC