



Indian Institute of Technology Gandhinagar Palaj, Gandhinagar, 382355-Gujarat, India

Advertisement for Postdoctoral Position

Date: August 07, 2025

Applications are invited for a postdoctoral position in the areas of total positivity, matrix analysis and spectral graph theory. The selected candidate will carry out research with Prof. Projesh Nath Choudhury in the above areas, and will be funded by the institute. More information about the research interests of Prof. Projesh Nath Choudhury can be found on his websites: <https://projesh.people.iitgn.ac.in/>. More information about the Math Department can be found here: <https://math.iitgn.ac.in/>.

Name of the position: Postdoctoral Fellow.

Salary: Rs. 70,000 (Consolidated).

Qualifications: The applicant should have

1. A Ph.D. degree in a relevant subject, such as total positivity, matrix analysis and spectral graph theory.
2. Candidates must have a good academic record with minimum of 60% or equivalent grade from Graduation onwards and 55% or equivalent grade in class 10th and 12th.
3. A strong background in matrix theory and graph theory.

Candidates who have submitted their thesis in the mentioned fields are equally eligible.

Apart from research, the applicant will be expected to contribute to other academic activities of the Institute including teaching.

Duration: From DOJ to August 23, 2026.

Application Process: Applications may be sent directly to Prof. Projesh Nath Choudhury at projeshnc@iitgn.ac.in. Each applicant should include **a single PDF file** containing

1. A complete updated CV with the details of all educational qualifications, research experiences, publications, and names of **two references** (see below).
2. Brief summary of doctoral research and most recent research work (**max 2 pages**).
3. Brief summary of future research plans (**max 2 pages**).

Please mention “Application for Postdoctoral Position – 2025” as the subject of the email.

Deadline: Applications received till **August 25, 2025** will be considered on priority basis. The positions will remain open till occupied.

Letters of reference: For full consideration, each applicant must arrange for **two letters** of recommendation to be sent directly to Prof. Projesh Nath Choudhury via email at projeshnc@iitgn.ac.in.