

**Department of Electronics and Communication Engineering
Indian Institute of Technology, Roorkee**

Advt. No. ECE-BKK/PDF/0026

Date: 4-Dec-2020

ADVERTISEMENT FOR THE POST DOCTORAL FELLOWSHIP (PDF) POSITION

The Department of Electronics & Communication Engineering, Indian Institute of Technology (IIT) Roorkee invites applications from outstanding and enthusiastic researchers for postdoctoral position under the mentorship of Prof. Brajesh Kumar Kaushik on "Hybrid Plasmonic-photonics waveguide for Optical Interconnects". The prospective candidate is expected to have a good knowledge about electronic and/or optical materials, devices, circuits and systems. Candidate should be passionate about working on cutting edge research leading to high impact publications and products.

Last date for submitting the soft copy by email or hardcopy of the application is 25-Dec-2020. Application received after this date will not be considered.

Minimum qualification and experience:

a) Essential qualifications/Specialization*

The prospective candidate should have PhD in Electrical Engineering/Electronics & Communication Engineering/Physics/Material Science/Nanotechnology or any other relevant field.

Desirable Qualification: Post-doctoral experience in design, simulation and fabrication of electronic and/or optical devices, circuits and systems.

*Candidates who have recently submitted their doctoral thesis are also eligible to apply subject to the condition that they will furnish the proof of award of Ph.D. at the time of interview.

Duration and Fellowship amount: The duration of the fellowship will be of 1 year 7 months (i.e. 19 months) extendable for one more year, if necessary. The candidate is expected to join the department as soon as the offer letter has been released. The fellow will receive a consolidated pay as below in addition to the contingency grant of Rs. 50,000/- per annum.

First year: Rs. 55,000/- per month

Second year: Rs. 55,000/- per month

How to apply:

Candidates can apply with a cover letter, curriculum vitae, list of publications (with their respective impact factor), and research statement describing past research and plans for future research, by either regular (Speed post) or e-mail to: bkk23fec@iitr.ac.in

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Notes: (i) All the postdoctoral fellows (PDF) will be registered as IIT Roorkee students for availing the facilities of accommodation, hospital, medical insurance scheme, computer center, library, sports, etc.

(ii) The candidates called for presentation/discussion/interview will be paid Bus/II-AC train fare from their place of residence/work and back by the shortest route within India.