



# राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(An autonomous Institute under the aegis of Ministry of  
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January 27, 2022

## **Call for Internship in SERB-sponsored research project**

Applications are invited from highly motivated and eligible students for 01 (one) **Intern** position in the following DST-SERB funded sponsored research project:

**Project Title:** *Investigations on surface plasmon resonance (SPR) based optical sensing with an emphasis on the role of spin waves and magnonics in related materials*

**Funding Agency:** Science and Engineering Research Board (SERB) - DST, Government of India

**File Number:** CRG/2019/002636

**Principal Investigator (PI):** Dr. Anuj Kumar Sharma, Assistant Professor (Physics)

**Department:** Applied Sciences

**Maximum Duration of the internship:** 2 months

### **Details:**

**Eligibility:** Students of Undergraduate (Engineering) programme in their 3<sup>rd</sup> or 4<sup>th</sup> years **OR** students of Postgraduate (Sciences) programme in their 2<sup>nd</sup> year.

**Desirable Skills & Experience:** *Knowledge/practical experience in Fiber optics/Physics/Material Science/Plasmonics/Nanophotonics/Optics/Magnonics/relevant topic and/or working knowledge of Numerical simulation techniques/Computer programming/Machine Learning.*

**Tenure of Internship:** 2 months (Maximum)

**Stipend:** Rs. 5,000/- (consolidated) per month (A certificate will be awarded after the successful completion of the internship)

### **How to Apply**

- Interested candidates may send their detailed CV (in pdf format) with the relevant details related to their courses of study, programme of study, desirable skills and experience (as mentioned above) etc. to the following email address: [anujsharma@nitdelhi.ac.in](mailto:anujsharma@nitdelhi.ac.in)
- The last date for sending the CV is **February 7, 2022**.
- The shortlisted candidate would be notified by email only.

**(Dr. Anuj Kumar Sharma)**

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