



भारत सरकार रक्षा मंत्रालय

**GOVERNMENT OF INDIA, MINISTRY OF DEFENCE**

रक्षा अनुसंधान एवं विकास संगठन

**DEFENCE RESEARCH & DEVELOPMENT ORGANISATION**

ठोसावस्था भौतिकी प्रयोगशाला, लखनऊ रोड, तिमारपुर, दिल्ली – 110054

**SOLID STATE PHYSICS LABORATORY, LUCKNOW ROAD, TIMARPUR, DELHI – 110054**

(दूरभाष न० 011-2903540)

### 1. Advertisement for Paid Internship (6 Months)

Solid State Physics Laboratory (SSPL) is engaged in research in the area of advanced semiconductor materials and devices. Research domains include development of compound semiconductors (bulk crystal and epi-layer structure), MEMS, MMICs, acoustic sensor systems, laser diodes, IR sensors, and nanotechnology. The lab is equipped with state-of-the-art facilities for material preparation, characterization, device fabrication, and circuit design.

Applications are invited from bright and young students for a 6-month Paid Internship to work in research areas of national importance.

#### Internship Details

Sl. No.	Stream/Discipline	Essential Qualification
1.	Physics / Chemistry / Electronics / Electrical / Material Science / Quantum Technology / Laser Optics / Semiconductor Device/IT/CSE	B.E./B.Tech. (ongoing) OR M.Sc./M.Tech. (ongoing) in relevant disciplines OR equivalent

**No. of Vacancies :** 52

**Duration :** 6 Months

**Place of Work:** SOLID STATE PHYSICS LABORATORY, LUCKNOW ROAD, TIMARPUR, DELHI – 110054

**Monthly Stipend :** ₹5,000/- प्रतिमाह (Fixed) / Rs. 5,000/- per month (Fixed)

#### Selection Process :

Interview-based selection. Only shortlisted candidates will be called for the interview.

## Important Notes

-Number of internships may vary depending on the lab's requirements.

- Duly filled application form with recommendation of the Institute must be submitted on the link <https://forms.gle/yMLPLTtWz4Jid6Da8> within 15 days from the date of publication of this advertisement.

**Guidelines/general** terms and condition for the implementation of Paid Internship has been prescribed:

- a) The internship period ranges from 4 weeks (minimum) to 6 months (maximum). However, **only** the candidates offered internship for the duration period of 6 months will be eligible to receive a stipend of Rs.5000/- per month by the respective Lab/Estt., through electronic transfer.
- b) The stipend of the entire duration will be paid through electronic transfer in two equal installments i.e. 15000/- after the completion of the 3 months and 15000/- after the completion of 6 months of the internship. Any other expenditure such as lodging, boarding, transport, medical, etc., if any shall be borne by the individual concerned during the entire course of the internship.
- c) Candidate enrolled for the internship for a certain period may request the lab/estt for extension of his/her period subject to overall limit of six months. The request will be examined by the concerned laboratory from financial and infrastructure angle and outcome of the same will be communicated to the candidates before the expiry of the initial internship period. (there is no provision for grant of stipend beyond 6 months in the scheme)
- d) The internship should be provided for fields relevant to DRDO's research.
- e) Interested candidates need to apply through their respective institutes, corresponding with the relevant DRDO laboratory.
- f) The interns will only be granted the duty/task for the period of the internship, considering the nature of the work and Indian Official Secrets Act, 1923, and therefore, would be liable to the provisions of the Indian Official Secrets Act, 1923 and rules and regulations of DRDO / laboratories.
- g) The interns will only be granted access to non-classified areas within DRDO laboratory.
- h) Failure to comply with the rules and regulations of laboratory or any breach of the Security Act, will be grounds for termination of the internship without any notice.
- i) DRDO will not be responsible for any injuries sustained during the period of the internship period.
- j) Candidates need to handle the equipment (computer, etc) provided by the DRDO carefully. Else, they will be liable to compensate DRDO for any damage or degradation of the equipments.
- k) The candidate will not disclose/publish information at any platform like newspaper, periodical, social media, etc., related to any subject of DRDO, which is restricted/confidential in nature, failing which the necessary action as per Official Secrets act and rules and regulations of DRDO will be taken. An undertaking in this regard may be sought from the candidate
- l) Attendance will be marked by the candidates as per the labs process. Working hours will be as per the laboratory's time

- m) No leave except Sick leave on the production of valid prescriptions will be given to the candidates. Gazetted/closed Holidays as applicable/available in the laboratory will also be applicable to the candidates.
- n) Completion of the internship does not guarantee employment at DRDO.

**HRD**