



Form No: RD-M003

RESEARCH & DEVELOPMENT UNIT INDIAN INSTITUTE OF TECHNOLOGY PATNA

ADVT NO: R&D/1489/OSM/616

DATED: 04.08.2026

Project No:
R&D/SP/EE/OSM/2026-27/1489

Applications are invited in the prescribed format only for the following assignments in a purely time-bound research project undertaken at this Institute.

1. Project & Position Specifications

- **Name of the Project:** Optimal Sensor Management
- **Sponsoring Agency:** Defence Research and Development Organisation (DRDO)
- **Broad Research Domain:** State Estimation and Tracking, Sensor Fusion, Bayesian Estimation, Signal Processing.
- **Duration of the Project:** Initially for one year and extended up to Three Years

2. Position Details & Eligibility Criteria

Position 1: Research Associate (RA)

- **Number of Posts:** 01 (one)
- **Consolidated Fellowship/Salary:** Rs. 80,000/- per month
- **Educational Qualification:** Ph.D. in a relevant discipline (Electrical Engineering / Electronics & Communication / Instrumentation / Computer Science & Engineering or Applied Mathematics etc.). Those who have submitted the thesis or going to submit the thesis may also apply.
- **Desirable:** Background knowledge of state estimation and tracking.

Position 2: Senior Research Fellow (SRF)

- **Number of Posts:** 03 (three)
- **Consolidated Fellowship/Salary:** Rs. 40,000/- per month
- **Educational Qualification:** M.Tech / M.E. (Control System / Electrical or Electronics System / Communication System / Instrumentation and Mathematics and Computing) with a minimum CPI of 6.5 or 60% marks OR B.Tech / B.E. / M.Sc. (Electrical / Electronics / Communication / Instrumentation / Computer Science & Engineering/ maths / physics) with a minimum CPI of 7.5 or 70% marks
- **Desirable:** A qualified GATE Score.
- SRF will be encouraged to enroll in PhD program subjected to fulfillment of Institute criteria.



3. Application Procedure & Important Dates

Interested and eligible candidates must email a scanned copy of their completed application form (appended below), a valid GATE score card (if applicable), and an updated resume highlighting their specific exposure in the project domain to **shovan.bhaumik@iitp.ac.in** on or before **31st August 2026**.

Last date for receiving applications via email:	31st August 2026
Interview Date:	1 st /2 nd week of September 2026
Interview Venue / Mode:	Online / Offline, Department of Electrical Engineering, IIT Patna, Bihta, Patna – 801106

Note: Shortlisted candidates appearing for physical interviews are required to bring their updated resume alongside original copies of all supporting documentation (academic degree certificates, mark sheets, and proof of valid GATE score).

4. Contact & Administration

Dr. Shovan Bhaumik

Department of Electrical Engineering, IIT Patna

Email: shovan.bhaumik@iitp.ac.in, Mob: 9709300163

Assistant Registrar (R&D)

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



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FORMAT OF APPLICATION FOR RESEARCH POSITIONS (RA / SRF)

I. Personal & Contact Details

- Position Applied For: [] Research Associate (RA) / [] Senior Research Fellow (SRF)
- Full Name (IN CAPITAL LETTERS): _____

- Correspondence Address: _____
- Phone/Mobile Number: _____ • Email ID: _____
- Category (GEN / OBC / SC / ST / PD): _____
- Date of Birth (DD/MM/YYYY): _____

II. Professional Examination Status

- National Level Qualification (GATE / CSIR-NET etc.): _____
- Engineering Specialization (EE / EC / IN / CS / Allied): _____
- Score / Rank obtained: _____ • Qualifying Year: _____

III. Educational Qualifications

Exam Passed	Institute / Board	Year of Passing	% Marks / CPI	Major / Specialization
10th Class				
12th Class				
Bachelor's (B.Tech/B.E./B.Sc.)				
Master's (M.Tech/M.E./M.Sc.)				
Ph.D. (For RA Applicants)				

IV. Declaration

I hereby declare that all statements made in this application are true, complete, and correct to the best of my knowledge and belief.

Date: _____

Place: _____

Signature of the Applicant