

ADVANCED SYSTEMS LABORATORY (ASL)
Dr. A.P.J. Abdul Kalam Missile Complex
(Defence Research & Development Organization)
P.O. Kanchanbagh, Hyderabad – 500 058.

The following Junior Research Fellowships are available initially for a period of two years (extendable as per rules), at a monthly stipend of Rs. 31,000/- (HRA admissible as per rules) to work in the areas indicated against the posts.

One Research Associate is also available for two years (without extension) at a monthly stipend of Rs. 54, 000/- (HRA admissible as per rules) to work in the area suggested.

Important: These posts are temporary (of fixed tenure) and will under no condition be regularized or made permanent.

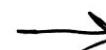
Age: The upper age limit as on 01-04-2021 is 28 years for JRFs and 35 years for RA (Relaxable by 5 years for SC /ST candidates and 3 years for OBC candidates)

1) **For JRF: Post No. 01 - 2 Posts**

- i. **Essential Qualification :** First Class B.E/B.Tech (Electrical, EEE) with valid GATE Score OR First Class BE / B.Tech & First Class ME / M.Tech in Electrical / EEE
- ii. **Desirable Qualification :** ME / M.Tech in (Electrical / Electronics)
- iii. **Area of Work :**
 - a) Design of Electrical and Electronic Systems
 - b) Electrical Integration and Testing of Long Range Systems

2) **For JRF: Post No. 02 - 6 Posts**

- i. **Essential Qualification :** First Class B.E/B.Tech (Mechanical) with valid GATE Score OR First Class BE / B.Tech & First Class ME / M.Tech in Mechanical
- ii. **Desirable Qualification :** ME / M.Tech in relevant area
- iii. **Area of Work:**
 - a) Aerodynamic Heating, Flow Analysis
 - b) Thermal and structural analysis in ANSYS, Design of Mechanisms
 - c) Configuration Design of Mechanical Components using 3D Modeling Tools
 - d) Materials Process and Engineering, Composite Product Development



3). **For JRF: Post No. 03 - 4 Posts**

- i. **Essential Qualification** : First Class BE / B.Tech (ECE) with valid GATE Score
OR First Class BE / B.Tech & First Class ME / M.Tech in ECE
- ii. **Desirable Qualification** : ME / M.Tech in relevant area.
- iii. **Area of Work:**
 - (a) Design of Autopilot and Simulation
 - (b) VLSI / Embedded Systems
 - (c) Programming Skills of VHDL, Verilog and System Verilog; Testing and functional verification of FPGA Designs
 - (d) Telemetry for Long Range Systems

4). **RA: Post No. 04 - 1 Post**

- i. **Essential Qualification** : Ph.D in Mechanical / Aerospace OR ME / M.Tech in (Mech / Aero) with 3 years' experience
- ii. **Desirable Qualification** : Knowledge in Finite Element Analysis, Composites OR Structural Dynamics
- iii. **Area of Work:**
 - a) Finite Element Analysis of Composite Structures OR
 - b) Dynamic Analysis (using FEM)

Neatly printed application with complete bio-data (along with e-mail id, Mobile Number and valid GATE Score) should reach Director, Advanced System Laboratory, P.O., Kanchanbagh, Hyderabad – 500058 within 15 days of the date of publication of this advertisement. Supporting document for CGPA conversion to be provided. Affix a recent passport size photograph on the right top corner of the first page of application and also clearly indicate the post no. applied for below the photograph. Candidates working in Govt. / Public Sector undertakings / Autonomous bodies should apply through proper channel.

Candidates will be required to produce certificates / testimonials in original at the time of interview / joining.

It may be noted the offer of Fellowship does not confer on Fellow any right for absorption in DRDO.

Sd/-
(DS & DIRECTOR, ASL)

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