

Solid State Physics Laboratory
Defence Research and Development Organisation (DRDO)
Lucknow Road, Timarpur, Delhi-110054

Applications are invited from bright, young talents for 32 positions of Junior Research Fellows (JRF) and 2 Research Associates (RA) to work in challenging area of research of national importance. Solid State Physics Laboratory (SSPL) is pursuing research in the areas of advanced semiconductor material and devices. Some of the research areas include development of compound semiconductor (bulk crystal & epilayer structures), MEMS, MMICs, Laser diodes, IR sensors, Nano science etc. The lab is equipped with state of art material preparation, characterization, device fabrication and circuit design facilities. Following are the details of JRF/RA positions:

S.No.	Subject	Essential Qualification	No. of Fellowships
RESEARCH ASSOCIATE (RA)			
1	Physics/ Material Science/Electronics	(i) Ph.D. in Physics / Material Science	01
		(ii) Ph.D. in Physics / Electronics having area of expertise related to design/fabrication of Semiconductor devices OR M.E. / M. Tech in any discipline related to Microwave, radio frequency, integrated circuits, VLSI, Engineering Physics, Solid State Physics/Materials WITH minimum THREE years Post- M.Tech experience in research; teaching, material synthesis design and fabrication of devices AND at least one research paper in Science Citation Indexed (SCI) journal	01
Junior Research Fellow (JRF)			
2	Physics/Electronics/Material Science/Chemistry (Fellowship will be provided by DRDO)	Post-graduation degree in Physics/ Electronics / Chemistry with first division with NET (Lectureship/Fellowship) qualification or Graduate degree B.E. / B. Tech with first division with NET/GATE qualification or Post graduate degree M. E. / M. Tech in any discipline related to Microwave; radio frequency, integrated circuits, VLSI, Engineering Physics, Solid State Physics/Materials and any other field related to SSPL activities with first division at both Graduate and Postgraduate level	17
3	Physics/ Electronics/Chemistry (Own Fellowship)	Post-graduation degree in Physics/Electronics/Chemistry with first division with NET (Fellowship) qualification.	15

Detailed terms and conditions, application form etc may be obtained by sending request to sspldehihr@gmail.com. Duly filled applications must reach to above email address by 15 March 2016.

Candidate's age should be 28 years for JRF & 35 years for RA as on the last date for receipt of application. Age relaxation is applicable 5 years for SC/ ST, 3 years for OBC candidates & other entitled categories as per Govt rules.

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DIRECTOR