

**INDUSTRIAL RESEARCH & DEVELOPMENT UNIT  
HAUZ KHAS, NEW DELHI – 110016  
Industrial Research & Development Unit**

No.: IRD/IITD/RP02436/

10647

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Dt.: /12/12

**Advertisement No.: IRD/IITD/343/2012**

Applications are invited from Indian citizens for contractual appointment under the research projects. Appointments shall be on yearly contractual basis on consolidated pay slabs.

Project Entitled	Advancing the Efficiency and Production Potential of Excitonic Solar Cells (APEX) (RP02436)	
Funding Agency	DST	
Name of Post & No. of Post	Consolidated Fellowship	Qualifications
Research Associate III (1)	Rs.24,000/- p.m. + 30% HRA	Ph.D. with first class or equivalent at the preceding degree in the Physics/ Chemistry/ Material science/ Polymer science <b>OR</b> M.Tech. (Physics / Chemistry / Material Science/ Nanotechnology) 1 <sup>st</sup> class or equivalent with 04 years experience. Desirable: Expertise in Organic / Photovoltaic Materials.
<b>In case no suitable candidate is found with the above mentioned qualifications, the Selection Committee can consider candidate for the IRD, IITD approved project post of 'Project Scientist' as detailed below.</b>		
Project Scientist	R.32,000-51,200/- + 20% HRA	M.Tech. (Physics / Chemistry / Material Science / Nanotechnology) 1 <sup>st</sup> class or equivalent <b>OR</b> M.Sc. (Physics/ Chemistry) 1 <sup>st</sup> class or equivalent with 6 years' experience. Desirable: Expertise in Organic / Photovoltaic Materials.
Project Assistant (2)	Rs.23,500-37,600/- Plus 20% HRA	Technical Diploma (3 years duration)/ Graduate Degree in appropriate discipline with 4 years relevant work experience. In exceptional cases ITI (2 years duration) with 8 years of work experience in relevant field may also be considered Desirable: Expertise in Hardware and Software for instrumentation

Project Entitled	Efficient Solar Cells Based on Organic and Hybrid Technology(ESCORT) (RP02499)	
Funding Agency	DST	
Name of Post & No. of Post	Consolidated Fellowship	Qualifications
Research Associate III (2)	Rs.24,000/- p.m. + 30% HRA	Ph.D. with first class or equivalent at the preceding degree in the Physics/ Chemistry/ Material science/ Polymer science. <b>OR</b> M. Tech. (Physics/ Chemistry/ Material Science/ Nanotechnology) 1 <sup>st</sup> class or equivalent with 4 years experience. Desirable- Expertise in Inorganic / Photovoltaic Materials.
<b>In case no suitable candidate is found with the above mentioned qualifications, the Selection Committee can consider candidate for the IRD, IITD approved project post of 'Project Scientist' as detailed below.</b>		

Project Scientist	R.32,000-51,200/- + 20% HRA	M.Tech. (Physics / Chemistry / Material Science / Nanotechnology) 1 <sup>st</sup> class or equivalent <b>OR</b> M.Sc. (Physics/ Chemistry) 1 <sup>st</sup> class or equivalent with 6 years' experience. Desirable: Expertise in Inorganic / Photovoltaic Materials.
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Project Entitled	Development of Large Area, High Efficiency (19%) Passivated Interface Heterojunction (PIHJ) Solar Cells (RP02550)	
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Funding Agency	DST	
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Name of Post & No. of Post	Consolidated Fellowship	Qualifications
Research Associate III (1)	Rs.24,000/- p.m. + 30% HRA	Ph.D. with first class or equivalent at the preceding degree in the Physics/ Chemistry/ Material science/ Polymer science <b>OR</b> M. Tech. (Physics/ Chemistry/ Material Science/ Nanotechnology) 1 <sup>st</sup> class or equivalent with 4 years' experience Desirable- Expertise in Inorganic Photovoltaic Devices

**In case no suitable candidate is found with the above mentioned qualifications, the Selection Committee can consider candidate for the IRD, IITD approved project post of 'Project Scientist' as detailed below.**

Project Scientist	R.32,000-51,200/- + 20% HRA	M.Tech. (Physics / Chemistry / Material Science / Nanotechnology) 1 <sup>st</sup> class or equivalent <b>OR</b> M.Sc. (Physics/ Chemistry) 1 <sup>st</sup> class or equivalent with 6 years' experience. Desirable: Expertise in Inorganic / Photovoltaic Materials.
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The candidates who are interested to apply for the above post should send their applications with complete information regarding educational qualifications indicating percentage of marks/division, details of working experience and a recent passport size photograph along with an **Application Fee (non-refundable) in the form of Bank Draft drawn preferably on State Bank of India in favor of Dean(IRD), IIT Delhi of Rs.100/- for the post of "Research Associate" and Rs.50/- for the post of "Project Assistant"** addressed to the **Assistant Registrar (IRD), Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016**. IIT Delhi reserves the right to fix suitable criteria for short-listing of eligible candidates satisfying advertised qualification and requirement of the project post. Only short-listed candidates will accordingly be informed. The last date for receipt of duly completed applications will be 15 days from the date of issue of this Advertisement. The Advertisement No., Title of the Project, RP No. & post applied for must be mentioned on the left side of the application & on the envelope. 5% relaxation of marks may be granted to the SC/ST Candidates.

  
**(V.K. Vashistha)**  
**Asstt. Registrar, IRD**

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