

**ADVT. NO.: 14/2011**

**Recruitment for the position of “Post Doctoral Research Associate”  
and “Project Assistant” under funded projects**

Indian Institute of Science Education and Research (IISER) Pune is a premier autonomous Institution established by the Ministry of Human Resource Development, Government of India, for promotion of high quality science education and research in the country.

Institute invites applications from Indian nationals for the following positions on contract basis under the funded projects:

<b>Name of the post</b>	<b>Post Doctoral Research Associate (RA)</b>
<b>Name of the project</b>	“Modulation of the innate immune response by SUMOylation” funded by the Wellcome - Dept. of Biotechnology India Alliance.
<b>Project Code</b>	<b>30710029</b>
<b>Minimum prescribed Educational Qualification and Experience</b>	Ph.D. (Biology, Chemistry, Physics, Engineering or allied Sciences). Minimum 60% marks/equivalent grade at Masters Level. The project aims to list the SUMO proteome of <i>Drosophila</i> . Candidates should have work experience in the areas of <i>Drosophila</i> genetics, Proteomics, genetic engineering or Biochemistry.
<b>Preference</b>	Preference will be given to candidates with good academic / industry records and capable of managing a project independently.
<b>Job Requirements</b>	Work with a team of graduate students and project assistants to demonstrate novel roles for the post-translational modifier SUMO using <i>Drosophila</i> as a model system.
<b>Fellowship</b>	Up to Rs 40,000/- per month consolidated based on academic record and work experience of the candidate.
<b>No of Post</b>	<b>One</b>
<b>Tenure of the post</b>	Initially for a period of two years extendable for further period of two years subject to satisfactory performance of the incumbent and continuation of the study project.

<b>Age:</b>	<b>40</b> (Shall not exceed as on the closing date of advertisement)
<b>Last Date:</b>	<b>1<sup>st</sup> August 2011.</b> Position will be kept open if the screening committee does not find a suitable candidate.

<b>Name of the post</b>	<b>Post Doctoral Research Associate (RA)</b>
<b>Name of the project</b>	“Integrin dependent regulation of membrane trafficking, role in anchorage dependence” funded by the Wellcome Trust - Dept. of Biotechnology India Alliance.
<b>Project Code</b>	<b>NGRDBT-WT</b>
<b>Minimum prescribed Educational Qualification and Experience</b>	Ph.D. (Biology, Chemistry, Physics, Engineering or allied Sciences). Minimum 60% marks/equivalent grade at Masters Level. The project aims to study how adhesion regulates in particular caveolar endocytic trafficking to regulate growth signaling. It will also focus on the role this has in anchorage independence in cancers. Candidates should have work experience in the areas of cell biology, tissue culture, biochemistry and genetic engineering experience will be valuable. lab website : <a href="http://www.iiserpune.ac.in/~nagaraj/">http://www.iiserpune.ac.in/~nagaraj/</a>
<b>Preference</b>	Preference will be given to candidates with good academic / industry records and capable of managing a project independently.
<b>Job Requirements</b>	Work with a team of graduate students and project assistants to demonstrate how adhesion dependent regulation of caveolar endocytosis regulates anchorage dependence.
<b>Fellowship</b>	Up to Rs 40,000/- per month consolidated based on academic record and work experience of the candidate.
<b>No of Post</b>	<b>One</b>
<b>Tenure of the post</b>	The post will be available starting Sep 2011. Initially for a period of two years extendable for further period of three years subject to satisfactory performance of the incumbent and continuation of the study project.
<b>Age:</b>	<b>40</b> (Shall not exceed as on the closing date of advertisement)
<b>Last Date:</b>	<b>1<sup>st</sup> August 2011.</b> Position will be kept open if the screening committee does not find a suitable candidate.

<b>Name of the post</b>	<b>Project Assistant (PA)</b>
<b>Name of the project</b>	“Modulation of the innate immune response by SUMOylation” funded by the Wellcome-Dept. of Biotechnology Alliance.
<b>Project Code</b>	<b>30710029</b>
<b>Minimum prescribed educational Qualification</b>	M. Sc. (Life or allied Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process.
<b>Preference</b>	Preference will be given to candidates having laboratory work experience and those who have cleared CSIR-NET or equivalent examinations.
<b>Job Requirements</b>	Maintaining Drosophila cultures, making fly media. Setting up immune Challenge and then measuring transcript levels of Defense genes using different molecular tools.
<b>Fellowship</b>	Rs12,000/- to Rs16,000/- per month consolidated + 20% HRA as admissible based on academic record and work experience of the candidate.
<b>No of Post</b>	<b>One</b>
<b>Tenure of the post</b>	Initially for a period of two years extendable for further period of two years subject to satisfactory performance of the incumbent and continuation of the study project.
<b>Age:</b>	<b>26</b> (Shall not exceed as on the closing date of advertisement)
<b>Last Date:</b>	<b>June 18th, 2011.</b>

<b>Name of the post</b>	<b>Project Assistant (PA)</b>
<b>Name of the project</b>	“RNAi based genetic screen to identify interactors of dVAP33 and their role in VAP mediated Amyotrophic lateral Sclerosis” funded by the Dept. of Biotechnology.
<b>Project Code</b>	<b>30811053GR</b>
<b>Minimum prescribed educational Qualification</b>	M. Sc. (Life or allied Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process.
<b>Preference</b>	Preference will be given to candidates having laboratory/project work experience and those who have cleared CSIR-NET or equivalent examinations.
<b>Job Requirements</b>	Maintaining Drosophila cultures, making fly media.

	Genetic Screening and molecular Biology based laboratory experiments.
<b>Fellowship</b>	Rs. 12,000/- to 16,000/- per month consolidated + 20% HRA as admissible based on academic record and work experience of the candidate.
<b>No of Post</b>	<b>One</b>
<b>Tenure of the post</b>	Initially for a period of two years extendable for further period of one year subject to satisfactory performance of the incumbent and continuation of the study project.
<b>Age:</b>	<b>26</b> (Shall not exceed as on the closing date of advertisement)
<b>Last Date:</b>	<b>June 18th, 2011.</b>

<b>Name of the post</b>	<b>Project Assistant (PA)</b>
<b>Name of the project</b>	“Integrin dependent regulation of membrane trafficking, role in anchorage dependence” funded by the Wellcome Trust - Dept. of Biotechnology India Alliance.
<b>Project Code</b>	<b>NGRDBT-WT</b>
<b>Minimum prescribed educational Qualification</b>	M. Sc. (Life or allied Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process.
<b>Preference</b>	Preference will be given to candidates having laboratory/project work experience and those who have cleared CSIR-NET or equivalent examinations.
<b>Job Requirements</b>	Tissue culture work, SDS PAGE, western blotting, basic biochemistry and molecular biology. Work on ongoing project testing the role of adhesion in regulating Ral activation. Lab Website : <a href="http://www.iiserpune.ac.in/~nagaraj/">http://www.iiserpune.ac.in/~nagaraj/</a>
<b>Fellowship</b>	Rs 12,000/- to Rs 18,000/- per month + 20% HRA as admissible consolidated based on academic record and work experience of the candidate.
<b>No of Post</b>	<b>One</b>
<b>Tenure of the post</b>	The post will be available starting Sep 2011. Initially for a period of two years extendable for further period of three years subject to satisfactory performance of the incumbent and continuation of the study project.
<b>Age:</b>	<b>26</b> (Shall not exceed as on the closing date of advertisement)
<b>Last Date:</b>	<b>June 18th, 2011.</b>

<b>Name of the post</b>	<b>Project Assistant (PA)</b>
<b>Name of the project</b>	“Integrin dependent regulation of membrane trafficking, role in anchorage dependence” funded by the Wellcome Trust - Dept. of Biotechnology India Alliance.
<b>Project Code</b>	<b>NGRDBT-WT</b>
<b>Minimum prescribed educational Qualification</b>	M. Sc. (Life or allied Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process.
<b>Preference</b>	Preference will be given to candidates having laboratory/project work experience and those who have cleared CSIR-NET or equivalent examinations.
<b>Job Requirements</b>	Tissue culture work, SDS PAGE, western blotting, membrane fractionations, basic biochemistry and molecular biology. Work on ongoing project testing the role of adhesion in regulating exocyst function. Lab Website : <a href="http://www.iiserpune.ac.in/~nagaraj/">http://www.iiserpune.ac.in/~nagaraj/</a>
<b>Fellowship</b>	Rs 12,000/- to Rs 18,000/- per month consolidated + 20% HRA as admissible based on academic record and work experience of the candidate.
<b>No of Post</b>	<b>One</b>
<b>Tenure of the post</b>	The post will be available starting Sep 2011. Initially for a period of two years extendable for further period of three years subject to satisfactory performance of the incumbent and continuation of the study project.
<b>Age:</b>	<b>26</b> (Shall not exceed as on the closing date of advertisement)
<b>Last Date:</b>	<b>June 18th, 2011.</b>

Applicant should send the application by email addressed to [bio\\_app@iiserpune.ac.in](mailto:bio_app@iiserpune.ac.in) attaching duly filled **RA-Application\_Form.doc** (For Research Associate applicants) or **PA-Application\_Form.doc** (for Project Assistant Applicant) available on the website under this advertisement on or before **the last date** (August 1<sup>st</sup> for the RA post and June 18<sup>th</sup> for the PA posts). Please mention name of the Post and Project Code in the subject line. The list of the shortlisted candidates for interviews with details of date, time and venue will be put up on the Institute website under this advertisement and candidates will be informed by email only.

The interviews for the Project Assistant positions will be held in the first week of July (tentatively 8<sup>th</sup> or 15<sup>th</sup> July, 2011), while those for the Post-Doctoral/ Research Associate positions will be based on availability of the candidate.

The print out of the prescribed application form sent to us by email signed and dated by the applicant along with recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, caste, experience etc. will be collected at the time of interview. Applicant has to bring all the original certificates at the time of interview for the purpose of verification, along with one set of photocopies.

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## **General Information / details about the posts**

1. Appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the project.
2. Applicants willing to apply for multiple positions need to send separate applications.
3. The appointed person shall have no claim of appointment / absorption in Funding Agency or in IISER Pune.
4. Appointment of the applicant will be governed by the terms and conditions of the funding agency particularly applicable to the said project
5. The qualification prescribed should have been obtained from recognized Universities / Institutions.
6. The prescribed educational qualifications are the bare minimum and mere possession of same does not entitled candidates to be called for interview. Where number of applications received in response to this advertisement is large, it will not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the Project Leader may restrict the number of candidates to be called for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field at the time of applying.
7. No TA/DA will be admissible for appearing for the interview.
8. Selected candidates will have to join duty immediately on receipt of the offer.
9. Reservation as per Govt. of India norms will be followed.
10. No interim enquiries / correspondence / communication of any sort will be entertained on the matter.
11. Canvassing in any form and / or bringing any influence, political, or otherwise, will be treated as a disqualification for the post applied for.

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**REGISTRAR**