Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)
Invites Applications for its Prestigious Scheme
DR K.S. KRISHNAN RESEARCH ASSOCIATESHIP (KSKRA) – 24th Batch
For a challenging career in pursuit of front ranking R&D programmes in Atomic Energy
Advertisement No. 1/2011: R-IV

Research Associates selected under the prestigious KSKRA programme are given an opportunity to work on R&D programmes of national importance relevant to the DAE mandate in one of the following advanced research centres of the Department:
1. Bhabha Atomic Research Centre (BARC), Mumbai
2. Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam
3. Raja Ramanna Centre for Advanced Technology (RRCAT), Indore
4. Variable Energy Cyclotron Centre (VECC), Kolkata
5. Atomic Energy Regulatory Board (AERB), Mumbai

Up to 20 KSKRAs can be selected every year and paid a stipend of Rs 26,000 (likely to be revised) + benefits for a maximum period of 2 years. Anytime during the 2nd year of associateship, subject to satisfactory performance, the KSKRAs will be absorbed in one of the above given R&D units of DAE and appointed in the grade of Scientific Officer/Engineer-D/E. The Associateships are available in the following broad disciplines:

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Subject code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>&quot;Engineering: All branches&quot;</td>
<td>01 (Branch Name)</td>
<td>&quot;Chemical Sciences&quot;</td>
<td>03</td>
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<tr>
<td>Physical Sciences</td>
<td>02</td>
<td>&quot;Biosciences&quot;</td>
<td>04</td>
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</tbody>
</table>

*For example, Mech. Engg 01 (Mech.).

Eligibility criteria
(A) Minimum educational qualification and experience:
(i) For Engineers: Ph.D. degree in Engineering (those who have submitted thesis for Ph.D. may also apply) or Master's degree in Engineering (M.Tech./M.E./M.S.) with a minimum of 2-year R&D experience after obtaining M.Tech./M.E./M.S. degree.
(ii) For Scientists: Ph.D. degree in Science (those who have submitted Ph.D. thesis may also apply).
All candidates must have a First Class at either Master’s or Bachelor's level.
Preference will be given to the candidates who are currently working in the field of Thrust Areas of DAE (http://www.barc.ernet.in/webpages/brns/brns_fellowship.html).
All candidates must provide a list of publications in support of their R&D experience.

(B) Nationality/age: Indian nationals who are not more than 32 years as on 1 January 2012. The age criterion is relaxable by 5 years for SC/ST candidates and 3 years for OBC candidates. The SC/ST/OBC certificate should be as per the prescribed format. Physically challenge persons are eligible for age relaxation of 5 years.

Selection and appointment
Selection will be done by an interview committee (appointed by BRNS) from among the short-listed candidates based on their qualification, published R&D work and performance in the interview. The selected candidates would be appointed as KSKRA for an initial period of one year, which is extendable by one more year based on performance during the first year. KSKRAs would be paid a monthly stipend of Rs 26,000 + benefits. Those candidates who have
submitted their Ph.D. thesis but are yet to receive their Ph.D. degree, if found suitable by the interview committee in view of their expertise and academic record, would be first designated as Research Associate (RA) and paid Rs 22,000 per month and only after completion of their Ph.D. and obtaining a provisional certificate, they would be designated as KSKRA and paid Rs 26,000 per month. For all other benefits, their date of joining as RA will be treated as the date of joining KSKRA Scheme. In addition Rs 10,000 per year will be paid as Educational Material Allowance. Associates will be provided Hostel accommodation, medical and leave benefits during the Associateship.

Career development
Anytime during second year of Associateship, subject to satisfactory performance as evaluated by the concerned DAE unit, KSKRAs will be appointed as Scientific Officer/Engineer-D in the Pay Band-3 (PB-3) (Rs 15,600–39,100) plus Grade Pay (GP) Rs 6,600 and up to 4 advance increments may be awarded depending upon qualification, experience and performance. Exceptional performance during the fellowship period may be considered for Scientific Officer/Engineer-E in PB-3 with higher GP of Rs 7,600. In addition benefits under Performance Related Incentive Scheme (PRIS) as applicable to the scientists and engineers in DAE will also be provided. Total starting emoluments including Incentives and Allowances at the time of absorption in a Class-A1 city as on 1 January 2012 are more than Rs 50,000 for Scientific Officer/Engineer-D and Rs 54,000 for Scientific Officer/Engineer-E.

The additional benefits on regular appointment for employees and their dependent family are: Conducive environment for working; Knowledge Update Allowance; PRIS incentives; Healthcare scheme and Leave Travel Concession for self and family; Accommodation (subject to availability) with excellent ambience in well developed colony having:
- Educational facility for children up to junior college level.
- Creche facility for children of working couple.

How to apply
a. The application should be preferably typewritten on a plain paper as per the pro-forma given in the advertisement for only one of the subjects listed above. Multiple applications received would be rejected.
b. Attach only photocopies of the following documents/certificates duly attested by a Gazetted Officer/Head of the Institute (do not enclose original certificates).
   i. All degree certificates and mark sheets starting with the eligibility qualification (for example Ph.D., M.Tech. and B.Tech. or Ph.D., M.Sc. and B.Sc.) certificate.
   ii. GATE score, GATE subject and GATE year or NET qualification (optional).
   iii. Proof of date of birth, e.g. CBSE/HSC/SSC/Matriculation certificate.
   iv. SC/ST/OBC/Physically Handicapped/DODPKIA certificate, if applicable, as per the prescribed format.
c. Affix one passport size photograph on the top right corner of the application and enclose one spare photograph inside the envelope indicated at ‘c’ above. Append your signatures across both the photographs.
d. Postal Order/Demand Draft of Rs 100 as application fee drawn in favour of Accounts Officer, BARC payable at Mumbai. SC/ST, Persons with Disabilities, Women candidates and Dependents of Defence Personnel Killed In Action (DODPKIA) are exempted from application fee.
e. Persons working under the Central/State Government/Public Sector Undertakings should submit their application through proper channel.
f. Enclose 3 envelopes (size 5” × 7”) with complete addresses including PIN code: One envelope for self with Phone Number and one each for the two referees along with the Phone Numbers who are familiar with your work. For a letter to be sent to Hindi-belt in India, the address on the envelope should be written in Hindi.
g. On the left hand corner of envelope please clearly mark your Subject Code Number and inscribe KSKRA with application due date.
h. Send application by Registered Post with Acknowledgement Due Card to The Deputy Establishment Officer (R-IV), 4th Floor, Central Complex, Bhabha Atomic Research Centre, Trombay, Mumbai 400 085.

Selection procedure
Applications will be screened and candidates found suitable will be called to appear for an interview in Mumbai.
Preference will be given to those candidates whose research interest and work experience has relevance to the mandate of DAE (see the list of Thrust Areas). Outstation candidates will be paid sleeper class (ordinary) train fare or actual fare, whichever is less. Candidates are advised to come prepared to stay in Mumbai for 2 to 3 days as a requirement of interview. Accommodation will be provided in BARC’s guest house. Call letters will be sent to the successful candidates and will be absorbed as KSK Research Associate, if found medically fit. On their absorption, the KSKRAs may have to undergo orientation course of 2–4 months duration.

Note: Please retain a ‘photocopy’ of your application with Annexes. Later on you may be required to submit additional copies of your application with the annexes (but without enclosures such as certificates/reprints).
Candidates who have already applied for KSKRA-24 batch (which was supposed to be issued in the month of September 2011) earlier through e-mail or by sending hard copy, are requested to send the soft copy of their application along with all the necessary documents to the e-mail: brnskskra@barc.gov.in.

Last date for receipt of applications: 25 June 2012
For latest information visit BARC website:
http://www.barc.ernet.in/webpages/brns/brns_fellowship.html

(Contd)
Application for KSKRA

Scanned copy of duly filled application, along with all documents and annexure should be e-mailed in a single PDF file to ‘brnskskra@barc.gov.in’. The reprints may be sent as attachments. All fields in the application must be filled. Incomplete or multiple applications would be rejected.

<table>
<thead>
<tr>
<th>1. Subject code:</th>
<th>Subject: (specify the branch in case of engineers)</th>
<th>Appl. No. (office Use)</th>
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<tbody>
<tr>
<td>2. Name:</td>
<td>(Underline the name by which you are known)</td>
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<tr>
<td>3. Postal Address:</td>
<td>e-mail:</td>
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<tr>
<td>Phone (Landline):</td>
<td>Phone (Mobile):</td>
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<td>4. Date of birth (DD-MM-YYYY):</td>
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<td>5. Category: General/SC/ST/OBC (SC/ST/OBC/Physically Handicapped to attach a copy of the relevant certificate)</td>
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<td>6a. Gender: Male/Female</td>
<td>6b. Marital Status: Unmarried/Married</td>
<td>6c. Nationality:</td>
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<td>7. Title of thesis/project (User separate sheet to describe your work (max. 500 word)</td>
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<td>8a. Whether applied earlier for KSKRA and called for interview: Yes/No</td>
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<td>8b. If Interviewed, give Year and Month of your interview: Year: Month:</td>
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<td>9. DD No./Postal Order No.:</td>
<td>Name and Branch of the Bank</td>
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<tr>
<td>(DD/Postal Order should be placed on top of the application. Write NA for special categories exempted from the fee)</td>
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<tr>
<td>10. Details of referees who are familiar with the work done by the candidate (name at least two).</td>
<td>Name</td>
<td>Address</td>
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<tr>
<td>Annex 1: Academic qualifications (include GATE/NET)</td>
<td>Name of the examination/Degree</td>
<td>Subjects</td>
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<tr>
<td>Annex 2: List of Research Publications/Patents (enclose up to five selected reprints).</td>
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<td>Annex 3: Assignments handled, including current assignments. Give details about duration, nature of work carried.</td>
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<td>11. Declaration</td>
<td>I hereby declare that all the statements made in the application are true to the best of my knowledge and belief and I am also aware that my application is liable to be rejected, if the information given above is incomplete or found to be incorrect.</td>
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<tr>
<td>Applicant Signature:</td>
<td>Place:</td>
<td>Date:</td>
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