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) – 21st Batch

For a challenging career in pursuit of front ranking R&D programmes in Atomic Energy

Advertisement No. 6/2010

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 20,000 (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>
<th>Subjects</th>
<th>Subject Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering: All Branches</td>
<td>01</td>
<td>Chemical Sciences</td>
<td>03</td>
</tr>
<tr>
<td>Physical Sciences</td>
<td>02</td>
<td>Biosciences</td>
<td>04</td>
</tr>
</tbody>
</table>

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.

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 1st January in the year of the application. 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.

(Contd)
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 20,000 (likely to be revised) plus 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 16,000 per month and only after completion of their Ph.D. and obtaining a provisional certificate, they would be designated as KSKRA and paid Rs 20,000 (likely to be revised) 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 would 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 6600 and up to 4 advance increments may be awarded depending upon qualification, experience and performance. Exceptionally brilliant candidates with excellent track record in advanced technologies and having a Ph.D. may be considered for Scientific Officer/Engineer-E in PB-3 with higher GP of Rs 7600. 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 01.01.2009 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
- Crèche 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.) 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/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 and Dependents of Defence Personnel Killed In Action (DODPKIA) are exempted.
e. Persons working under the Central/State Government/Public Sector Undertakings should submit their application through proper channel.
f. Enclose 3 envelopes (size 5" x 7") with complete addresses including PIN code: One envelope for self and one each for the two referees 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.
i. Applications will be received throughout the year. Selection interviews will be held twice every year.
j. The applicants who submit their applications by 1st March will be called for interview in June and those who submit their applications by 1st September will be called for interview in December of the same year.

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. 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 few short-listed candidates will be asked to undergo a medical examination on the day following the interview. Final selection will be made from among the short-listed candidates found medically fit. (Contd)