

डॉ. के. एल. रामकुमार, अध्यक्ष  
Dr. K. L. Ramakumar, Head

नाभिकीय नियंत्रण एवं आयोजना स्कंध  
Nuclear Controls and Planning Wing



भारत सरकार  
परमाणु ऊर्जा विभाग  
अणुशक्ति भवन, छत्रपति शिवाजी महाराज मार्ग,  
मुंबई - 400 001.

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
ANUSHAKTI BHAVAN, C. S. M. MARG,  
MUMBAI - 400 001.

No.DAE/HNCPW/A-24.1/2013/3169

March 06, 2014

ADIR-432  
18/3/14

Prof. R.K. Shevgaonkar  
Director  
IIT Delhi  
Hauz Khas,  
New Delhi-110 0016.

Subject: Invitation of proposal for DAE - Science Research Council  
Outstanding Investigator (DAE-SRC-0I) Award Scheme

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Dear Sir,

As you are aware, Department of Atomic Energy, a premier Central Government Department, is engaged in research and development and establishing indigenous technological base for deriving sustainable benefits from nuclear applications both for power generation and for a wide range of societal applications. The department has a number of autonomous institutions as well as R & D Units like BARC, IGCAR, RRCAT and VECC where a strong base has been nurtured for pursuing basic research as well as technology development. In addition, the department is providing support to Universities in India for basic research activities. With a view to facilitating evolution of innovative technologies, DAE Science Research Council has been constituted in the Department.

2. To augment support to meritorious individual researchers (Scientists and engineers) with highly innovative ideas and with proven abilities to pursue advanced research in frontier areas of science and engineering in their respective field of interest to DAE, Department of Atomic Energy has instituted DAE - Science Research Council Outstanding Investigator (DAE-SRC-0I) Award Scheme. The award will carry research grant of up to Rs. One crore spread over a period of five years to be used for the sole purpose of pursuing the research project. Besides research grant, the awardees will be paid an incentive of Rs.25, 000/- per month for five years in addition to salary that they draw from their employer, subject to certain conditions. Details of the above said scheme is enclosed. It is also available in DAE website: <http://www.dae.gov.in>.

3. You are requested to kindly give wide publicity to the above said scheme and forward proposals in respect of interested eligible Scientists/Engineers duly recommended by the Head of the Institution so as to reach the Under Secretary, Nuclear Control and Planning Wing, DAE on or before 30.04.2014.

With best regards,

Yours sincerely,

(K.L. Ramakumar)

Encls : as above.

NAS  
14/3/14  
Sgt. P.A.

Pl. do a colour scan  
& upload for call for  
proposal.

19/3/14





**Government of India**  
**Department of Atomic Energy**  
**DAE Science Research Council Awards**

DAE Science Research Council (DAE SRC) is a body consisting of eminent scientists and has been setup to recognise and encourage advanced research in the frontier areas of science and engineering of interest to DAE in order to impart a fresh momentum to meet the future challenges.

Applications are invited for the "DAE-Science Research Council Outstanding Investigator (DAE-SRC-OI) award scheme for the year 2014.

- (a) The core objective is to augment support to individual scientists and engineers with highly innovative ideas and with proven abilities to pursue advanced research in frontier areas of science and engineering at an accelerated pace.
- (b) Depending upon the sustained interest and the proven strength of the individuals concerned, both basic and applied research will be supported. Basic research proposals, apart from resulting in meritorious publications in leading journals, should also lead to improved understanding of the phenomenon. In the case of applied research, the areas should be such that they have discernible implications to new technologies.
- (c) DAE will have exclusive right on any new product / novel process resulting out of this research.

Individuals who have similar objectives as above may submit their research project for this award. The selected candidates are offered a research grant to pursue advanced research in an accelerated pace.

#### **SCOPE OF THE AWARD**

The award includes a research grant of up to ₹ one crore spread over a period of five years which shall be used for the sole purpose of pursuing the research project submitted. The Award is tenable only for a maximum period of five years.

Besides research grant, the awardees will be given an incentive of Rs. 25,000/- per month for five years in addition to the salary that they draw from their employer. In case the awardees are availing any other incentive from other agencies, they must choose only one.

The candidate will continue to be attached to his / her organization, receive salary and enjoy facilities such as residential accommodation.

The funds will be provided to the scientist through the sponsoring institution. For making any purchases, the scientist will follow the norms of the sponsoring institution. Assets created, if any, will be the property of the sponsoring institution.

#### **ELIGIBILITY**

Individual scientists/engineers of the DAE constituent units, as well as those outside DAE, working in public funded institutions are eligible to apply for these awards. The applicants are expected to have demonstrated a high level of competence. Research publications in leading journals or success in developing novel technologies and products would be expected of the applicants. The applicant should be below 47 years as on 31 December 2013.



## APPLICATION PROCEDURE

Application should be sent to the following address.

Under Secretary, Nuclear Controls & Planning Wing,  
Department of Atomic Energy, OYC Building,  
CSM Marg, Mumbai – 400 001.

There is no fixed format for the proposals. However, the applicant is expected to include the following along with the application.

(a) A one to two page write-up describing the relevance and importance of the proposed research and what the proposer expects to achieve at the end of the 5-year-period.

(b) Financial requirements for a 5-year period for equipment, consumables and research infrastructure and research staff.

(c) Other items such as travel and contingency expenditure.

The proposal should be sponsored by the Head of the Department/Director of the Institution, where the work is proposed to be carried out.

## SELECTION PROCEDURE AND OTHER REQUIREMENTS

The initial screening of the proposal shall be done by a Committee set up by the Chairman, AEC. If the Screening Committee selects a proposal, applicant would be asked to submit a detailed work plan. The detailed version of proposals will be scrutinized by a Committee of Experts identified by the DAE SRC. Potential awardees would be requested to present their proposed work in person to the Committee before the final selection is made. (The awardees may have to modify the proposal based on interaction with the experts.) Final approval for the project will be accorded by the DAE SRC and its implementation would be under the Board of Research in Nuclear Sciences (BRNS).

The recipient of the research grant will be expected to make presentations to the specifically convened review meetings of the Council. There will be at least one mid-term review during the five-year duration of the research. The Council may invite appropriate experts to the review meetings.

## OTHER PROVISIONS UNDER THE SCHEME

Grant may also be utilized by the awardee to participate in national / International conferences for presenting the results/outcome of the SRC research project.

The grant may be also utilized to facilitate work at centers other than the parent organization within the country for facilitating the pursuit of SRC research project. Such provisions include financial support for collaborative research and travel, visiting fellowship, transit accommodation and other perks as appropriate, for the individual awardee for the period that he is away from his parent organization for pursuing research under this scheme.

***Last date of receipt of application:*** Last date for the receipt of application at DAE is April 30, 2014.