

Shri P. G. Audi, Scientific Officer/G and Head, Air Conditioning Projects & Maintenance Cell, C & S D, RRCAT retired upon attaining superannuation on 31st July, 2018. Shri Audi, a mechanical engineering graduate of 1981, had worked in various other organisations, namely, Kirloskar, Blue Star, Dalal Consultants and Air Conditioning Corporation before joining C & S D of RRCAT in April 1988. He served as Engineer-in-Charge for Air Conditioning (AC) and mechanical works. He was also involved in design, development and commissioning of energy recovery system and augmentation of Central AC Plant along with the operation and maintenance of AC facilities at RRCAT. He contributed significantly towards installation, testing and commissioning of AC system for Indus-2. We remember his contribution and wish him and his family a fruitful, happy and fulfilling retired life.



N.14 आरआरकेट में राजभाषा गतिविधियाँ : जुलाई से दिसंबर 2018

राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र, इन्दौर में दिनांक 20 जुलाई 2018 को 'स्वस्थ दिल खुश दिल' नामक विषय पर चिकित्सा वार्ता का आयोजन किया गया, जिसमें इन्दौर में स्थित मेदांता सुपर स्पेशलिटी अस्पताल के हृदय रोग विशेषज्ञ एवं प्रेरक वक्ता डॉ. भारत रावत ने व्याख्यान प्रस्तुत किया। वार्ता का आयोजन सम्मेलन केन्द्र (कन्वेंशन सेंटर) में किया गया, जिसमें कर्मचारियों के साथ-साथ उनके परिवार के सदस्य भी उपस्थित थे। कार्यक्रम की अध्यक्षता श्री एस.सी. जोशी, विशिष्ट वैज्ञानिक एवं निदेशक, प्रोटोन त्वरक वर्ग ने की। 10 अगस्त 2018 को सम्मेलन केन्द्र में ही सुगम संगीत प्रतियोगिता आयोजित की गई, जिसमें लगभग 25 प्रतिभागियों ने गायन-वादन प्रस्तुत किया। इन्दौर के प्रसिद्ध रंगकर्मी श्री प्रकाश खानविलकर, श्रीमती लीला पटनायक एवं प.ऊ. केन्द्रीय विद्यालय की संगीत अध्यापिका श्रीमती धनश्री देशपांडे इस प्रतियोगिता के निर्णायक थे। कार्यक्रम का संचालन डॉ. मनोरंजन प्रसाद सिंह ने किया। माह सितंबर में 14 सितंबर 2018 को हिन्दी दिवस के अवसर पर गृहमंत्री, भारत सरकार, सचिव, भारत सरकार, प.ऊ.वि. का हिन्दी दिवस संदेश वाचन किया गया एवं निबंध प्रतियोगिता आयोजित की गई, जिसमें लगभग 60 प्रतिभागी उपस्थित थे। दिनांक 20 सितंबर 2018 को वर्ष 2017 की राजभाषा प्रतियोगिताओं के विजेताओं को भी पुरस्कार वितरण किया गया। इस अवसर पर 'ज्ञान एवं ज्ञान प्रबंधन' विषय पर एक राजभाषा वार्ता का आयोजन किया गया। पुरस्कार वितरण समारोह के मुख्य अतिथि डॉ. पी.ए. नाईक, निदेशक, आरआरकेट थे। इस अवसर पर श्रीमती शैलजा प्रकासम, मुख्य प्रशासनिक अधिकारी, श्रीमती श्रीकला आर., प्रशासनिक अधिकारी-III, उप लेखा नियंत्रक एवं वरिष्ठ अधिकारी भी उपस्थित थे। पुरस्कार वितरण के दौरान डॉ. पी.ए. नाईक ने अपने उद्बोधन में कहा कि इस केन्द्र में हिन्दी में कार्य करने की बहुत संभावनाएँ हैं, जिसमें पत्र लिखना, टिप्पण लिखना, रिपोर्ट भरना, आपस में बातचीत भी हिन्दी में करना शामिल है। चूंकि हमारा कार्यालय 'क' क्षेत्र में स्थित है। अतः हमारा संवैधानिक दायित्व है कि हिन्दी में अधिक से अधिक कार्य किया जाए। प्रतियोगिताओं एवं प्रशिक्षण के माध्यम से कर्मचारियों को हिन्दी में अधिक से अधिक कार्य करने हेतु प्रोत्साहित किया जा रहा है। इस वर्ष केन्द्र में दिनांक

12 नवंबर को राजभाषा संसदीय समिति का भी निरीक्षण प्रस्तावित था, लेकिन विधानसभा चुनाव के दौरान आचार संहिता लागू होने के कारण यह दौरा दिनांक 14 जनवरी 2019 को प्रस्तावित है। 24 सितंबर 2018 को निदेशक की अध्यक्षता में राभाकास समिति का पुनर्गठन किया गया। दिनांक 07.09.2018 एवं 12.12.2018 को क्रमशः मुख्य प्रशासनिक अधिकारी एवं निदेशक की अध्यक्षता में दो राभाकास बैठकों का भी आयोजन किया गया। माह दिसंबर में नाभिकीय शब्दावली की द्विभाषी सॉफ्ट प्रति / डिजिटल प्रति को तत्काल संदर्भ हेतु इन्फोनेट पर उपलब्ध करा दिया गया है। छःमाही के दौरान लगभग 56 कर्मचारियों ने हिन्दी प्रोत्साहन योजना एवं 4 कर्मचारियों ने हिन्दी टैकन प्रोत्साहन योजना में भाग लिया। जुलाई-दिसंबर 2018 सत्र में दो अशुलिपिकों को हिन्दी शब्द संसाधन प्रशिक्षण हेतु नामांकित किया गया था एवं माह दिसंबर में फरवरी 2019 में शुरु होने वाले सत्र में 04 अशुलिपिकों को हिन्दी में शब्द संसाधन प्रशिक्षण हेतु नामांकित किया गया है।



डॉ. पी. ए. नाईक, निदेशक, आरआरकेट, राजभाषा प्रतियोगिताओं के पुरस्कार वितरण करते हुए।

प्रस्तुति :

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Career and Research Opportunities at RRCAT

A: Opportunities at Scientific Officer Level

A.1: BARC Training School at RRCAT

The BARC Training School at RRCAT, Indore conducts one year intensive orientation course for engineering graduates and science post-graduates in Physics, and Electrical/ Electronics Engineering, with specialized courses in lasers and accelerators, to provide trained manpower in these disciplines to various units of the Department of Atomic Energy (DAE). The selection of the Trainee Scientific Officers is done in a centralized manner by BARC, Mumbai, for all BARC Training Schools situated in various units of the Department. The course is residential and hostel accommodation is provided to all trainees. During the training period, the trainees are entitled for a monthly stipend of ₹ 35,000 and one-time book allowance of ₹ 10,000. On successful completion of the orientation course, the trainees are appointed in the grade of Scientific Officer C [Level 10 of the 7th Pay Commission]. Appointment is made at the beginning of the pay scale, with trainees getting two or three increments depending on their performance during the training course. For more information, please log on to - <http://oces.hbni.ac.in/> <http://www.barc.gov.in/careers/index.html#sandt>

A.2: K. S. Krishnan Research Associateship

The Board of Research in Nuclear Sciences (BRNS) constituted by the Department of Atomic Energy has a K. S. Krishnan Research Associateship (KSKRA) Programme. Under this programme candidates who hold Ph.D. degree (engineering or science) 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, are eligible to apply. Selected candidates get opportunity to work in appropriate units of DAE having R&D programs suiting to the work experience of the selected candidates. Some of the selected candidates with experience in lasers, accelerators or synchrotron based materials science are posted at RRCAT. The selected candidates would be appointed as KSKRA for an initial period of one year, which is extendable by one more year based on his/her performance during the first year. KSKRAs are paid a monthly stipend plus additional benefits like hostel accommodation, medical coverage, and leaves. In addition to this, every candidate gets *Educational Material Allowance*. Any time during their second year of Associateship, subject to satisfactory performance as evaluated by the concerned DAE unit, a KSKRA may be appointed as a Scientific Officer D [Level 11 of the 7th Pay Commission] with additional increments depending upon his/her qualification, experience and performance. For more details on stipend, allowances etc., please log on to: <http://www.barc.gov.in/careers/index.html#kskra>

B: Opportunities at Scientific Assistant and Technician Level

To cater to the need of scientific support staff, graduates in science and diploma holders in various engineering branches are recruited through a two-year Stipendiary Training Scheme (Category-I) and they are absorbed as Scientific Assistant-C [Level 7 of the 7th Pay Commission] after successful completion of the training in the various RRCAT activities. During the training period, they get a stipend of ₹ 9,300 per month for 1st year and ₹ 10,500 per month for 2nd year. Similarly, to cater to the need of technical support staff, candidates having qualification of HSC (Science) or SSC followed by ITI certificate, are recruited under a two-year Stipendiary Training Scheme (Category-II), and they are absorbed as Technician-B [Level 3 of the 7th Pay Commission] or Technician-C [Level 4 of the 7th Pay Commission] after successful completion of the training in various RRCAT activities. Appointment is made at the beginning of the pay scale, with trainees getting up to three increments depending on their performance during the training course. During the training period, they get a stipend of ₹ 6,200 per month for 1st year and ₹ 7,200 per month for 2nd year. In addition to above Category I & II Trainees are also entitled for one-time book allowance of ₹ 1,500 for purchase of approved books pertaining to their training course. Recruitment in both categories is normally carried out through open advertisements at RRCAT website, Employment News, local and/or national newspapers as applicable. For more details of these programme, please visit : http://www.rrcat.gov.in/hrd/Opening/Current_Openings.html

C: Ph. D. Programme at RRCAT

RRCAT is a Constituent Institute of the "Homi Bhabha National Institute" (HBNI), a Deemed to be University with NAAC "A" grade. RRCAT invites students with appropriate qualifications to

pursue Ph. D. program in various specialized areas of Physical, Chemical, and Life Sciences, and Engineering (presently only Mechanical). DAE Research Fellowships are offered to those selected for the pursuit of Ph.D. The present fellowship amount is ₹ 25,000 per month for the first two years (as Junior Research Fellow) and ₹ 28,000 per month for the subsequent years (as Senior Research Fellow), subject to satisfactory yearly progress. Additionally a contingency grant of ₹ 32,000 per annum is provided to each scholar. For more details, please log on to: <http://www.rrcat.gov.in/hrd/advt/phdad.html>

D: Projects at RRCAT for University Students

RRCAT offers opportunities to the students pursuing M.Tech. / M.E./ M.Phil./ M.Sc. degree in Science and Engineering from recognized institutions in India for carrying out project work towards partial fulfilment of their post graduate degree. This scheme has no prescribed training programme/ curriculum. Each selected student has to carry out the project individually under the guidance of a Scientist/ Engineer of RRCAT, on all working days. The project duration is from minimum six months up to twelve months. Free hostel accommodation is normally given to the outstation students. Students are also eligible for financial assistance of ₹1,000 per month, and are paid II class (sleeper) train fare by the shortest route, from the place of their present institute of study / residence, to Indore and back, after completion of their project work. For more details, please log on to: <http://www.rrcat.gov.in/hrd/advt/project.html>

E: Orientation Course on Accelerators, Lasers and related Science and Technologies (OCAL)

RRCAT conducts an 8 week duration certificate course titled "Orientation Course on Accelerators, Lasers and related Science and Technologies (OCAL)" every year for 8 weeks during the months of May to July for post-graduate students from all over India. The students selected for the Orientation Course are provided free lodging and boarding at RRCAT. In addition, they are given a monthly stipend of ₹ 1,500 (at the rate of ₹ 50 per day). The students completing the Course are eligible for the above financial support based on their attendance and performance. Students are paid II class (sleeper) train fare by the shortest route, from the place of their present institute of study / residence, to Indore and back. For information about eligible disciplines, admissible qualifying degrees, other academic requirements, selection process, etc., please log on to: <http://www.rrcat.gov.in/hrd/advt/ocal.html>

F: Young Scientist Research Program (YSRP) at RRCAT

RRCAT conducts Young Scientist Research Programme (YSRP) for eight weeks during May-July every year. This programme is specifically designed to make young students, who are pursuing courses in the discipline of science and engineering, aware of the frontline areas of science and technology. Under this programme meritorious students are selected from all over the country to work on variety of projects in different laboratories of RRCAT. They were provided with free accommodation at RRCAT Guest House and Hostels Complex and paid round-trip train fare by II class sleeper and a stipend of ₹ 2,500 per month. For more details, visit <http://www.rrcat.gov.in/hrd/ysrp/html>