

Advt. No. 102

CLOSING DATE : 20 days from date of publication of Advt. in Employment News

IN PURSUIT OF SELF-RELIANCE IN CRITICAL TECHNOLOGIES RELEVANT TO NATIONAL SECURITY, DRDO FORMULATES AND EXECUTES PROGRAMMES OF SCIENTIFIC RESEARCH, DESIGN, DEVELOPMENT, TESTING AND EVALUATION OF VARIOUS SYSTEMS, SUBSYSTEMS, DEVICES AND PRODUCTS REQUIRED FOR DEFENCE OF THE NATION. DRDO EMPLOYS HIGHLY QUALIFIED AND COMPETENT SCIENTISTS AND TECHNOLOGISTS IN THE GROUP 'A' (CLASS I) TECHNICAL SERVICE KNOWN AS DEFENCE RESEARCH & DEVELOPMENT SERVICES (DRDS).

RAC INVITES APPLICATIONS FOR FOLLOWING POSTS IN DRDS UNDER DIRECT RECRUITMENT

Scientist 'H' (Rs. 67,000/- (annual increment @ 3%) – 79000/- & Grade Pay - nil)

Item No	No of Vacancies	Lab	Subject/Discipline	Experience / Specialisation
1	01	DRDO/Projects	Electrical/Electronics/Mechanical Engg./ M Sc (Electronics)	Experience in the field of design/development/operation of systems related to underwater platforms including devising policies and directives, monitoring and overseeing the implementation for the set objectives in this field. The candidate should be a dynamic multifaceted technical professional with proven capabilities of managing large technological projects and have experience of interacting with research laboratories, academia, consultants in the field of development of weapons and sensors of underwater platforms, operation of nuclear power plants and related control systems, industrial capability of Indian firms to develop complex electrical/electronic systems for underwater platforms. He should have knowledge of Indian Defence Procurement system, Contractual and financial transactions procedure.

For Job profile visit our web site <http://rac.gov.in>

Scientist 'E' (Rs. 37,400-67,000/- & Grade Pay 8,700/-)

Item No	No of Vacancies	Lab	Subject/Discipline	Experience / Specialisation
2	01	DRDL	Aerospace/ Mechanical Engg	Computational Fluid Dynamics (CFD) area particularly in the area of turbulent reacting flows. The candidate should have good exposure on advanced numerical techniques, turbulence and combustion models, Large Eddy Simulation (LES) techniques and computer languages. The candidate should be expert in the computational methods in turbulent reacting flows and should possess R&D skill to develop indigenous turbulent reacting flow code. The candidate should have good leadership quality and have good communicational skills to interact with professional experts in the country and abroad.
3	02	DRDO/ Projects	Marine/Mechanical Engg	Marine Engineering for ships/underwater vessels in major ship building yards/ships/ Repair yards / Projects including operational experience on marine engineering systems.
4	02	DRDO/ Projects	Marine/Mechanical Engg	Systems /equipment related to marine engineering including experience on design/development /construction of Nuclear power plants of marine platforms and related systems.
5	02	DRDO/ Projects	Naval Architecture	Design, construction and repair of underwater vessels.
6	03	DRDO/ Projects	Electronics/Electrical Engg.	Electrical/ Electronic systems & Power generation / control systems/ Equipment/ Ship borne aerial/ underwater delivery/ launch systems onboard ships and underwater vessels including their interfaces with complex systems, sensors and control systems.

For Job profile visit our web site <http://rac.gov.in>

Scientist 'D' (Rs. 15,600-39,100/- & Grade Pay 7,600/-)

Item No	No of Vacancies	Lab	Subject/Discipline	Experience / Specialisation
7	01	DRDO/ Projects	Electronics/Electrical Engg.	Software and Hardware for control systems for complex ship borne aerial and underwater delivery/ launch systems and sensors of ships/ underwater vessels including system integration, testing and trials for systems, Interconnectivity matrix of control systems.

For Job profile visit our web site <http://rac.gov.in>

Scientist 'C' (Rs. 15,600-39,100/- & Grade Pay 6,600/-)

Item No	No of Vacancies	Lab	Subject/Discipline	Experience / Specialisation
8	01	NPOL	Naval Arch & Ocean Engg.	Area of Underwater Acoustics & Physical Oceanography and Shallow Water Acoustics.

1. OTHER ESSENTIAL/DESIRABLE ELIGIBILITY CONDITIONS:

Essential

(i) At least first class Bachelor's Degree in Engineering or Technology/ Master's degree in Science in the concerned subject/discipline from a recognised university or equivalent with Experience / specialisation as mentioned against each item.

(ii) At least 15 years Research or Design or Development or Production experience for Scientist 'H', 10 years for Scientist 'E', 7 years for Scientist 'D' and 3 years for Scientist 'C' as mentioned against each item in the last column.

Weightage for higher qualification to be equated as research experience for lateral recruitment is as under –

- Post Graduate Degree in Engg – Two Years.
- Doctorate Degree in Engg. – Four Years.
- Doctorate Degree in Science. – Three Years.

Desirable

(i) Knowledge of Chinese, French, Russian, German or Japanese foreign language.
(ii) Master's degree in Engineering or Technology in the relevant area.

2. AGE LIMITS (as on closing date of advertisement):

- (a) For Scientist 'C': not exceeding 35 years,
- (b) For Scientist 'D' and Scientist 'E': not exceeding 45 years.
- (c) For Scientist 'H': not exceeding 54 years.

5. Fare concession is being given by Railways to unemployed youth in second class when travelling to attend interviews for job in Central Govt. Depts. To avail free railway tickets, the candidate is required to submit an attested copy of (i) call/interview letter (ii) a copy of application form to railway authorities. The candidates are advised to utilise this facility given by the railways as no rail fair will be paid by this office, if the place is connected by rail.
6. Only Indian nationals need apply.
7. Self attested copies of certificates regarding essential qualifications and experience, only should be attached along with the duly filled application form. Candidates, however, will have to produce all original certificates for verification at the time of interview.
8. Incomplete applications will be summarily rejected and no correspondence would be entertained in this regard.
9. **CANDIDATES WORKING IN GOVERNMENT/PUBLIC SECTOR UNDERTAKINGS, AUTONOMOUS ORGANISATIONS/ARMED FORCES (INCLUDING DEPARTMENTAL CANDIDATES) MUST APPLY THROUGH PROPER CHANNEL. THEY SHALL NOT BE INTERVIEWED IF THEY FAIL TO PRODUCE A "NO OBJECTION CERTIFICATE" AT THE TIME OF INTERVIEW.**
10. Candidates desirous of applying for more than one post must apply separately for each post indicating Item No. of the posts accompanied by separate requisite Indian Postal Order.
11. Selected candidates have the liability to serve anywhere in India.
12. **Number of vacancies are tentative and may vary.**
13. **CANVASSING IN ANY FORM WILL DISQUALIFY THE CANDIDATE**
14. Our e-mail address: dirrac@ndb.vsnl.net.in.

The upper age limit as on Closing Date (inclusive), Upper age limit as on closing date is relaxable by 5 years for physically handicapped persons in respect of Item No. 5 & 8 only. Age is also relaxed upto 5 years for Central Govt employees as per rules. Age is relaxable for Armed Forces personnel/Ex-Serviceman and Short Service Commission Officers as per rules in vogue.

3. The applicants should ensure that they satisfy the eligibility criteria upto closing date of advertisement. The required experience will be **counted after the essential qualifications are obtained**. The prescribed Essential Qualifications are bare minimum and mere possession of same does not entitle candidates to be called for interview. Where number of applications received in response to an advertisement is large, it will not be possible for RAC to interview all the candidates. RAC may restrict the number of candidates for interview to a reasonable limit. The applicants will be short listed on the basis of subject knowledge / experience at suitable level/ professional achievements / aptitude for research / management skills and personal qualities / strength. The candidates should, therefore, mention all qualifications / experience / achievements/ specialisation in relevant field including those over and above the minimum qualifications. After the interview, in accordance with the merit, the offer of appointment to the selected candidates will be restricted to the number of vacancies and minimum qualifying criteria. The appointment, however, will be subject to the completion of formalities like medical examination prescribed for Group 'A' technical posts of Government of India with field service liability and character verification besides verification of **SC/ST/OBC/PH Certificate**, if applicable.

4. **HOW TO APPLY:**

Candidates are requested to submit their applications online at RAC website <http://rac.gov.in> . Besides this, candidates are requested to download the filled application form and forward the signed copy of the same duly affixed with a coloured passport size photograph, self attested photocopies of educational qualification and experience etc along with crossed non-refundable Indian Postal Order of the value of Rs. 50/- (except for SC/ST/PH/Female candidates) drawn in favour of **Director RAC**, payable at Delhi to **Director, Recruitment & Assessment Centre, Lucknow Road, Timarpur, Delhi –110054, preferably by registered post, superscribed "Application for post of Scientist '___', Advt No. 102, Item No. "___" within 07 days (10 days for Andmaan & Nicobar islands and Lakshadweep) of the online submission.**

15. **CHECK LIST:**

Please ensure that you have:

- (a) Used the application format on A4-size downloaded from RAC website signed and attached self - attested certificates (ref Para-7).
- (b) Rightly indicated the item number, subject and the post applied for.
- (c) Pasted recent passport size photograph.
- (d) Attached an Indian Postal Order of Rs. 50/- if you belong to UR/OBC Category(except female). Fee paid in a mode other than IPO shall not be accepted.
- (e) Attached a requisite caste/disability certificate in case you belong to SC/ST/OBC/PH.
- (f) Attached a requisite NOC from the competent authority in case of serving Armed forces personnel and relieving certificate in case of retired Armed forces personnel.
- (g) Applied through proper channel if already employed as stated in para (9).
- (h) Kept the photocopy of application form.

WEBSITE FOR DOWNLOADING APPLICATION FORMS:

<http://rac.gov.in>

For all queries related to recruitment of Scientists by RAC, please contact PRO Telefax No.: 011 23812608