

DRDO

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Destination DRDO

MINISTRY OF DEFENCE**DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION (DRDO)
RECRUITMENT AND ASSESSMENT CENTRE (RAC)**

Advt. No. 99

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 SERVICE (DRDS).

RAC INVITES APPLICATIONS FOR FOLLOWING POSTS IN DRDS**Scientist 'F' (Rs. 37,400-67,000/- & Grade Pay 8,900/-)**

Item No	No of Posts	Lab	Subject	Experience / Specialisation
1.	1	Laser Science and Technology Centre (LASTEC), Delhi	Physics	Essential : Experience in the areas of experimental laser spectroscopy, UV & IR laser spectroscopy for applications related to laser remote sensing/lidar, photo thermal spectroscopy for qualitative and quantitative estimation of various species. Desirable : Ph D in relevant discipline. Click Here to view Job Profile
2.	1	Research Centre Imarat (RCI), Hyderabad	Instrumentation Engg/Technology/ Electrical Engineering/ Mechanical Engineering	Essential : Experience in the areas of Missiles Auto Pilot & System design, system Engg practices, Missile Trajectory design, Mission Planning, Mission Analysis for tactical & strategic system, Satellite command, control & Technology, system design, Development and operation. Desirable : ME/ M Tech in relevant discipline. Click Here to view Job Profile

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

Item No	No of Posts	Lab	Subject	Experience / Specialisation
3.	2	Research Centre Imarat (RCI) (Programme AD), Hyderabad	Naval Arch/Naval Construction /Mechanical/Metallurgy/Civil Engg	Essential : Ship design, drafting and finalization of QRs, analysis of design documents and defining scope of work, planning , overseeing and coordination during construction of ships. Formulation of commercial and technical tender specifications, evaluation of offers and contract formulation. Knowledge of IMO/SOLAS/MARPOL/MMD regulations and classification society rules. Experience and knowledge in technical and financial capacity assessment of ship yards and dockyards with respect to ship design and building capabilities. Desirable : ME/M Tech/Ph D in relevant discipline. Click Here to view Job Profile
4.	1	Advanced Systems Laboratory (ASL), Hyderabad	Mechanical/Production Engg	Essential : Experience in planning, scheduling and implementation of multi-disciplinary production lines. The candidate should have the knowledge of production planning and control techniques preferably in a large Engineering Industry. Desirable : ME /M Tech in Production Engg. Click Here to view Job Profile
5.	1	Defence Research and Development Laboratory (DRDL), Hyderabad	Electronics & Communications Engg/Computer Science/Electrical Engg	Essential : Experience in Software Development & Testing in reputed Establishments. Tool based testing and embedded software testing. Software development life cycle & defect life cycle and object oriented analysis & design. Development of test plans and test automation and knowledge in software development using C/C++. Desirable : ME/M Tech in relevant discipline. Click Here to view Job Profile
6.	1	Electronics & Radar Development Establishment (LRDE), Bangalore	Electrical/Electrical Communication/Electronics/Electronics & Communication/ Telecommunication Engg	Essential : Design experience in the field of complex electronic systems, Design, Development and Realisation of State-of-art Digital Signal Processors for Radar System, Expertise in design (Hardware/Software) implementation using current technologies like Digital Receivers. DSP/General Purpose processors/FPGA's and mixed signal design. Desirable : ME/M Tech in relevant discipline. Click Here to view Job Profile
7.	1	Centre for Military Airworthiness & Certification(CEMILAC), RCMA(A/C), Bangalore	Computer Science/ Electronics & Communications Engg	Essential : Experience in software design and development/Quality assurance and testing. Desirable : ME/M Tech/ MS in Computer Scienc/Software Engg. Click Here to view Job Profile
8.	4	DRDO*	Electronics and Communication Engg.	Essential : Experience in Operation and Maintenance of Communication systems viz Satellite/HF/Optical Fiber etc. Experience in the field of Inventory Management & Administration. Desirable : ME/M Tech in relevant discipline. Click Here to view Job Profile
9.	1	DRDO*	Mechanical Engg/ Production Engg.	Essential : Experience in QA/QC of Mechanical system & Material handling equipment. Knowledge of design and fabrication of Mechanical System. Desirable : ME/M Tech in relevant discipline. Click Here to view Job Profile

* The individual should be ready to serve in the remote locations anywhere in India.

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

Item No	No of Posts	Lab	Subject	Experience / Specialisation
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10.	1	Defence Institute of Physiology and Allied Sciences (DIPAS), Delhi	Biosciences/Biophysics	<p>Essential : Experience in advanced patch clamp techniques, confocal microscopy, electrophysiological techniques, voltage gated ion channels. Whole cell, inside out patch and giant membrane patch recording. Single channel recording.</p> <p>Desirable : Ph D in Biosciences/Biophysics</p> <p>Click Here to view Job Profile</p>
11.	1	Defence Institute of Physiology and Allied Sciences (DIPAS), Delhi	Biosciences / Physiology/ Bio Technology	<p>Essential : . Research experience in areas related to cardiovascular diseases, Endothelial gene expression, lipid metabolism, stem cell biology, transcriptional regulation of vascular genes, Yeast two hybrid expression system, adenovirus and lentivirus delivery system..</p> <p>Desirable : Ph D in Biosciences / Physiology</p> <p>Click Here to view Job Profile</p>
12.	1	Defence Institute of Physiology and Allied Sciences (DIPAS), Delhi	Agrochemical & Pest Management	<p>Essential : Experience in areas related to Proteomics. Drug: protein interaction, Nanomedicine with specialization in synthesis of protein/peptide modified targeted nanogels, Handling of analytical instruments and interpretation of data such as HPLC, MALDI TOF MS AND LC MS/MS. Assay development for high throughput screening and drug screening.</p> <p>Desirable : Ph D in Chemistry</p> <p>Click Here to view Job Profile</p>
13.	2	Advanced Systems Laboratory (ASL), Hyderabad	Mechanical/Production Engg	<p>Essential : Experience in a large Production Industry with multi disciplinary products in particular familiarity with production planning aspects.</p> <p>Desirable : ME/M Tech in Mechanical/Production Engg</p> <p>Click Here to view Job Profile</p>
14.	1	Advanced Systems Laboratory (ASL), Hyderabad	Electrical/Electronics Engg	<p>Essential : Experience in a large Production Industry with multi disciplinary products in particular familiarity with production planning aspects.</p> <p>Desirable : ME/ M Tech in Electrical/Electronics field.</p> <p>Click Here to view Job Profile</p>
15.	1	Research Centre Imarat (RCI), Hyderabad	Mechanical Engg	<p>Essential : Experience in Quality Control & Quality Assurance of Aerospace systems/Sub systems. Performance evaluation, Qualification & Acceptance Testing of aerospace systems. Experience in performance evaluation and Qualification of aerospace systems. Environmental testing of aerospace systems/subsystems. Generation of Quality documents and production drawings. Exposure in Quality assurance, Quality control, NDT*NDE and Environmental testing.</p> <p>Desirable : ME/M Tech in Manufacturing Technology.</p> <p>Click Here to view Job Profile</p>

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

Item No	No of Posts	Lab	Subject	Experience / Specialisation
16.	1	Defence Research & Development Establishment (DRDE), Gwalior	Chemistry/ Bio Technology	<p>Essential: Experience in the field of drug discovery, design and development. Proficient skills in conducting multi-step inorganic synthesis with experience in characterization techniques like NMR, IR, HPLC, GF-AAS. Extensive expertise in synthesizing and handling highly air and moisture sensitive compounds. Ability to use pharmacological tools in pre-clinical animal models to evaluate in vivo efficacy and tolerability. Includes study, design, animal handling, dosing via numerous routes, data collection, analysis and interpretation.</p> <p>Desirable : Ph D in relevant discipline.</p>

Scientist 'C' (Rs. 15,600-39,100/- & Grade Pay 6,600/-) / Scientist 'D' (Rs. 15,600-39,100/- & Grade Pay 7,600/-)

Item No	No of Posts	Lab	Subject	Experience / Specialisation
17.	2#	DRDO*	Electrical /Electronics and Communication Engg.	<p>Essential : Experience in Operation and Maintenance in the area of Telecommunication / Communication Technologies/ IT related Tasks/ Cyber Security/ Networking/ Management of Voice Data/ HF/ Satellite Communication/ Optical Fiber. Experience in Inventory Management of above fields.</p> <p>Desirable : ME/M Tech in relevant discipline.</p>
18.	1#	DRDO*	Mechanical Engg./ Production Engg.	<p>Essential : Experience in QA/QC of Mechanical system & Material handling equipment/ Knowledge of design and fabrication of Mechanical System/ Air Conditioning systems operation.</p> <p>Desirable : ME/M Tech in relevant discipline.</p>

* The individual should be ready to serve in the remote locations anywhere in India.

Through Defence Officers from Short Service Commission (SSC) only.

1. OTHER ESSENTIAL/DESIRABLE ELIGIBILITY CONDITIONS:

Essential

(i) At least first class Master's Degree in Science Subjects, or at least first class Bachelor's Degree in Engineering or Technology or Metallurgy from a recognised university or equivalent with Experience / specialisation as mentioned against each item.

(ii) At least 13 years of Research or Design or Development or Production experience for Scientist 'F', 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 Science or Mathematics – Three Years.
- Doctorate Degree in Engg. – Four Years.

Desirable

Knowledge of Chinese, French, Russian, German or Japanese foreign language.

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

- For Scientist 'C': not exceeding 35 years,
- For Scientist 'D' and Scientist 'E': not exceeding 45 years,
- For Scientist 'F': not exceeding 50 years.

The upper age limit as on Closing Date (inclusive), the upper age limit is relaxable by 5 years for physically handicapped persons for all posts except in the disciplines of Electronics

for Group 'A' technical posts of Government of India with field service liability and character verification besides verification of SC/ST/PH Certificate, if applicable.

HOW TO APPLY:

Neatly filled applications typed or in own handwriting or downloaded on A4 size paper only in the prescribed format available at RAC website [/http://rac.drdo.in](http://rac.drdo.in) accompanied with a crossed non-refundable Indian Postal Order of the value of Rs. 50/- (for each post) drawn in favour of **Director RAC**, payable at Delhi should be sent to **Director, Recruitment & Assessment Centre, Lucknow Road, Timarpur, Delhi –110054, preferably by registered post, superscribed "Application for post of Scientist '-', Advt. No. 99 item no." - "**. There is no fee for SC/ST/PH/Women candidates. **Closing date of receipt of application is 20 days from the date of publication of this advt in the Employment News (EN).** However, the application from candidates in Andmaan & Nicobar islands and Lakshadweep, will be received **upto 30 days from date of publication in Employment News.**

Candidates may also apply online through RAC website <http://rac.drdo.in>

- Fare concession is being given by Railways to unemployed youth in second class when travelling to attend interviews for job in Central Govt. Deptts. 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 fare will be paid by this office, if the place is connected by rail.
- Only Indian nationals need apply.
- Self attested copies of certificates regarding essential qualifications and experience only should be attached along with the duly filled application and summary forms. Candidates, however, will have to produce all original certificates for verification at the time of interview.
- Incomplete applications or those received late will be summarily rejected and no correspondence would be entertained in this regard.
- 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.

/ Electrical / Mechanical Engineering which are found not suitable for them. Age is relaxed upto 5 years for Central Govt employees as per rules. Age is also relaxable for Armed Forces personnel/Ex-Serviceman and Short Service Commission 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

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
15. **CHECK LIST:**
- Please ensure that you have:**
- (a) Used the application format on A4-size paper typed or downloaded from RAC websites and attached self -attested certificates (ref Para-4).
 - (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. 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) Keep the photocopy of application form.

WEBSITE FOR DOWNLOADING APPLICATION FORMS:

<http://rac.drdo.in>

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