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Destination DRDO

# MINISTRY OF DEFENCE

## DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION (DRDO)

### RECRUITMENT AND ASSESSMENT CENTRE (RAC)

Advt. No. 115

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

#### RAC INVITES APPLICATIONS FOR THE POSTS IN THE DRDS CADRE OF DRDO UNDER DIRECT RECRUITMENT SCHEME

Scientist 'F' ( ` 37,400-67,000/- &amp; Grade Pay ` 8,900/-) – 13 Vacancies

Item No.	No. of Vacancies	Lab./Estt.	Qualification	Experience / Specialisation (in Research or Design or Development or Production)
01	05	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Mechanical/Production/Production & Industrial Engg./Aeronautical/Aerospace/Automobile Engineering only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Mechanical/Production/Production & Industrial Engg./Aeronautical/Aerospace/ Automobile Engineering. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 13 years experience in the field of design, Integration & assembly of Mechanical/Aero Systems, Quality Assurance of Airborne systems and Airworthiness certification aspects. Experience of Project Management, Planning, Administration & liaison with external agencies. Operation and maintenance of Plant, equipment & Machinery. Experience in documentation procedures and preparation of user documents. Experience in production line and machine shops. <b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.
02	02	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electrical Engg./Electrical & Electronics Engg. / Electrical & Power Engg./Power System Engg. only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Electrical Engg./Electrical & Electronics Engg. / Electrical & Power Engg./Power System Engg. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 13 years experience in the field of operation and maintenance of Sub-Stations, HVAC Plant, Energy auditing, energy conservation techniques, electrical safety of electrical systems, weapons and armament systems, electrical QA/QC of weapon and armament systems. Experience in documentation procedures and preparation of user documents. <b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.
03	03	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electronics and Communication Engg. / Electronics & Telecommunication Engg./ Electronics Engg./ Telecommunication Engg. /Computer Science & Engg. only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Electronics and Communication Engg. / Electronics & Telecommunication Engg. / Electronics Engg./ Telecommunication Engg. /Computer Science & Engg. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 13 years experience and expertise in area of communication technology/ Project management/ Maintenance of electronics & communication equipment/operational maintenance in area of telecommunication maintenance / design and development of communication systems/network. <b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.
04	02	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Civil Engg. /Civil & Structural Engg. /Structural Engineering only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Civil Engg. /Civil & Structural Engg. / Structural Engineering. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 13 years experience and expertise in areas of Structural Engineering, Design of Blast Resistant/Earthquake Resistant Structures and Special Structures such as water retaining structures, silos and tunnels. Experience of Project Management, Planning, Administration & liaison with external agencies, local civil authorities for land acquisition / notification. Experience of Maintenance of Plant, Equipment and Machinery such as HVAC/DG plants and civil works. <b>Desirable:</b> Experience in MES/BRO/Construction agencies of Military Services.
05	01	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Chemical Engineering/ Technology or First class Master's Degree in Chemistry only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Chemical Engineering / Technology or Doctorate Degree in Chemistry. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 13 years experience in the field of Response to NBC Emergencies, chemical sensor network, Offsite Emergency Management, Disaster Management, Explosive Safety, Hazard & risk analysis, assessment and mitigation strategies for emergencies. <b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.

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

Scientist 'E' ( ` 37,400-67,000/- &amp; Grade Pay ` 8,700/-) – 18 Vacancies

Item No.	No. of Vacancies	Lab./Estt.	Qualification	Experience / Specialisation (in Research or Design or Development or Production)
06	05	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Mechanical/Production/ Production & Industrial Engg./Aeronautical/Aerospace/Automobile Engineering only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Mechanical/Production/Production & Industrial Engg./Aeronautical/Aerospace/Automobile Engineering. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 10 years experience and expertise in the field of operation and maintenance of plant, equipment & machinery. Experience in Design, Integration, Assembly and servicing of Material Handling Equipment. Assembly, Integration and QA/QC of weapon systems. Experience in documentation procedures and preparation of user documents. Knowledge of Design and Fabrication of Mechanical system. <b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.
07	03	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electrical Engg./Electrical & Electronics Engg. / Electrical & Power Engg./Power System Engg. only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Electrical Engg./Electrical & Electronics Engg./ Electrical & Power Engg./Power System Engg. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 10 years experience in the field of operation and maintenance of Sub-Stations, HVAC Plant, Energy auditing, energy conservation techniques, electrical safety of electrical systems, weapon and armament systems, electrical QA/QC of weapon and armament systems, EMI/EMC design and analysis of communication systems. Experience in documentation procedures and preparation of user documents. <b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.
08	03	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electronics and Communication Engineering / Electronics & Electrical Communication Engineering/ Electronics & Telecommunication Engg. only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Electronics & Communication Engineering / Electronics & Electrical Communication Engineering/ Electronics & Telecommunication Engg. . (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 10 years experience and expertise in areas of communication technology/ Project management/ Maintenance of Electronics & Communication Equipments/ Operation & Maintenance in the area of telecommunication / design/ safety management of the System. <b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.
09	02	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Civil Engg./ Civil & Structural Engg./Structural Engineering only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Civil Engg. / Civil and Structural Engg./ Structural Engineering. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 10 years experience and expertise in areas of Structural Engineering, Design of Blast Resistant/Earthquake Resistant Structures and Special Structures such as water retaining structures, silos and tunnels. Experience of Project Management, Planning, Administration & liaison with external agencies, local civil authorities for land acquisition / notification. Experience of Maintenance of Plant, Equipment and Machinery such as HVAC/DG plants and civil works. <b>Desirable:</b> Experience in MES/BRO/Construction agencies of Military Services.

Item No.	No. of Vacancies	Lab./Estt.	Qualification	Experience / Specialisation (in Research or Design or Development or Production)
10	01	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Chemical Engineering/Mechanical Engg./Electrical Engg./Fire Technology &amp; Safety Engineering/ Safety &amp; Fire Engg./ Fire Engg. only; from a recognized University.</p> <p><b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Chemical Engineering/ Mechanical Engg./ Electrical Engg./Fire Technology &amp; Safety Engineering/ Safety &amp; Fire Engg./ Fire Engg. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 10 years experience in the field of chemical Emergency Response, Offsite Emergency Management. Experience of conducting mock exercises on various types of natural and man-made disasters. Experience in formulation of policies, development of assessment and mitigation strategies for emergencies Management. Experience in Project Safety Management, Project Management, Incident Command System for emergency response.</p> <p><b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.</p>
11	01	ITR, Chandipur	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg./Technology in Electronics &amp; Telecommunication/ Electrical &amp; Electronics Engineering only; from a recognized University.</p> <p><b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Electronics &amp; Telecommunication/ Electrical &amp; Electronics Engineering. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 10 years experience in a leading capacity in the preparation, maintenance and testing of missiles, dealing with flight scheduling and operational activities of aircraft for weapon system trials, handling major missions activities, mission control and programming and mission Co-ordination.</p>
12	01	RCI, Hyderabad	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg./Technology in Electrical &amp; Electronics Engineering only; from a recognized University.</p> <p><b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Electrical &amp; Electronics Engg. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 10 years experience in deployment, operation and maintenance of power/electrical systems for Air Defence applications. Experience in troubleshooting, maintenance planning and management.</p>
13	01	SSPL, Delhi	<p><b>Essential:</b> At least First class Master's Degree in Material Science/Physics/ Applied Physics/Physics(Electronics) or First class Bachelor's Degree in Engg./ Technology in Metallurgy/Metallurgical Engg./Materials &amp; Metallurgical Engg./ Material Sc &amp; Engg./Technology/Electronics &amp; Communication Engg./ Electrical Engg./Electronics &amp; Electrical Engg./ Electronics Engg. only; from a recognized University.</p> <p><b>Desirable :</b> (i) Doctorate Degree in Material Science/Physics/Applied Physics/ Physics(Electronics) or Master's degree in Engg. or Technology in Metallurgy/Metallurgical Engg./ Materials &amp; Metallurgical Engg./ Material Sc &amp; Engg./Technology/ Electronics &amp; Communication Engg./ Electrical Engg./Electronics &amp; Electrical Engg./Electronics Engg. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 10 years experience in semiconductor materials growth and characterization, device processing, integrated circuit fabrication, characterization, modeling. Hands on experience in working with semiconductor materials and device technology areas.</p>
14	01	PXE, Balasore	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg./Technology in Mechanical Engg./Automobile Engg./Armament only; from a recognized University.</p> <p><b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Mechanical Engg./Automobile Engg./Armament. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 10 years experience in Mechanical Engg/Automobile Engg/Armament field of work and in reputed R&amp;D Laboratories.</p>

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**Scientist 'D' ( ` 15,600-39,100/- & Grade Pay ` 7,600/-) – 18 Vacancies**

Item No.	No. of Vacancies	Lab./Estt.	Qualification	Experience / Specialisation (in Research or Design or Development or Production)
15	01	CVRDE, Chennai	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg./Technology in Mechanical Engineering only; from a recognized University.</p> <p><b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Mechanical Engineering. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 7 years experience in automotive heavy vehicle product development including implementation of Windchill Product Lifecycle Management Software for heavy vehicle development establishment.</p>
16	05	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Mechanical/Production/Production &amp; Industrial Engg. /Aeronautical/ Aerospace/ Automobile Engg. only; from a recognized University.</p> <p><b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Mechanical/Production/ Production &amp; Industrial Engg./Aeronautical/Aerospace/Automobile Engg. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 7 years experience in the field of operation and maintenance of Plant, equipment &amp; machinery. Experience in Design, Integration, Assembly and QA of mechanical / Aero systems. Experience in documentation procedures and preparation of user documents. Quality Assurance of Airborne systems and Airworthiness certification aspects.</p> <p><b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.</p>
17	03	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electrical Engg./Electrical &amp; Electronics Engg./ Electrical &amp; Power Engg./ Power System Engg. only; from a recognized University.</p> <p><b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Electrical Engg./Electrical &amp; Electronics Engg./ Electrical &amp; Power Engg./Power System Engg. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 7 years experience in the field of operation and maintenance of Sub-Stations, HVAC Plant, Energy auditing, energy conservation techniques, electrical safety of electrical systems, weapon and armament systems, E-CAD/E-TAP/CST simulation tools, EMI/EMC design and analysis of communication systems, Experience in documentation procedures and preparation of user documents.</p> <p><b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.</p>
18	04	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electronics &amp; Communication Engineering / Electronics &amp; Electrical Communication Engineering / Electronics &amp; Telecommunication Engg. only; from a recognized University.</p> <p><b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Electronics &amp; Communication Engineering / Electronics &amp; Electrical Communication Engineering/ Electronics &amp; Telecommunication Engg. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 7 years experience and expertise in areas of communication Technology/ Project management/ Maintenance of Electronics &amp; Communication Equipments/ Operation &amp; Maintenance in the area of telecommunication/ Design/ Safety Management of the system.</p> <p><b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.</p>
19	02	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Civil Engg. /Civil &amp; Structural Engg. /Structural Engineering only; from a recognized University.</p> <p><b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Civil Engg./Civil &amp; Structural Engg./Structural Engineering. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 7 years experience and expertise in areas of Structural Engineering, Design of Blast Resistant / Earthquake Resistant Structures and Special Structures such as water retaining structures, silos and tunnels. Experience of Project Management, Planning, Administration &amp; liaison with external agencies, local civil authorities for land acquisition/notification. Experience of Maintenance of Plant, Equipment and Machinery such as HVAC/DG plants and civil works.</p> <p><b>Desirable:</b> Experience in MES/BRO/Construction agencies of Military Services.</p>

Item No.	No. of Vacancies	Lab./Estt.	Qualification	Experience / Specialisation (in Research or Design or Development or Production)
20	01	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Fire Engineering / Fire Technology &amp; Safety Engineering/ Safety &amp; Fire Engg. only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Master's Degree in Engg. or Technology in Fire Engineering/ Fire Technology &amp; Safety Engineering/ Safety &amp; Fire Engineering.            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 7 years experience in the field of Emergency Management, Fire Service Operations, Fire protection designs, Project Safety Management, Explosive Safety, Hazard &amp; risk analysis, assessment and mitigation strategies for emergencies.</p> <p><b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.</p>
21	01	MTRDC, Bangalore	<p><b>Essential:</b> At least First class Master's Degree in Physics/Applied Physics/ Applied Electronics or First class Bachelor's Degree in Engg./Technology in Electronics Engg./Electronics &amp; Communication Engg./Electrical &amp; Electronics Engg./Electrical Engg. only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Doctorate Degree in Physics/Applied Physics/ Applied Electronics or Master's degree in Engg. or Technology in Electronics Engg./Electronics &amp; Communication Engg./ Electrical &amp; Electronics Engg./Electrical Engg.            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 7 years research &amp; development experience in design/simulation/experimentation on Microwave Tubes or High Power Microwave Vacuum Electronics Devices.</p>
22	01	SASE, Chandigarh	<p><b>Essential:</b> At least First class Master's Degree in Atmospheric Sciences/Geo Physics only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Doctorate Degree in Atmospheric Sciences / Geo Physics.            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 7 years experience in research area of Atmospheric/regional/climate modeling and data assimilation.</p>

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Scientist 'C' ( 15,600-39,100/- & Grade Pay ` 6,600/-) – 32 Vacancies

Item No.	No. of Vacancies	Lab./Estt.	Qualification	Experience / Specialisation (in Research or Design or Development or Production)
23	11	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Mechanical/Production/Production &amp; Industrial Engg./ Aeronautical/ Aerospace/Automobile Engg. only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Master's Degree in Engg. or Technology in Mechanical/Production/ Production &amp; Industrial Engg. / Aeronautical/ Aerospace/Automobile Engg.            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 3 years experience in the field of operation and maintenance of plant, equipment &amp; machinery. Or Experience in Design, Integration, Assembly and QA/QC of Mechanical/Aero systems. Experience in documentation procedures and preparation of user documents.</p> <p><b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.</p>
24	04	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electrical Engg./Electrical &amp; Power Engg./ Power System Engg. only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Master's Degree in Engg. or Technology in Electrical Engg./Electrical &amp; Power Engg./ Power System Engineering.            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 3 years experience in the field of operation and maintenance of Sub-Stations, HVAC Plant, electrical safety of power systems.</p> <p><b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.</p>
25	07	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electronics &amp; Communication Engineering/ Electronics &amp; Telecommunication Engineering only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Master's Degree in Engg. or Technology in Electronics &amp; Communication Engineering/ Electronics &amp; Telecommunication Engineering .            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 3 years experience and expertise in areas of Communication Technology/ Project Management/ Maintenance of Electronics &amp; Communication equipments/ Operation &amp; Maintenance in the area of telecommunication/design/safety management of the System.</p> <p><b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.</p>
26	02	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Computer Science &amp; IT /Computer Hardware &amp; Software/ Computer Sc. &amp; Automation/ Computer Sc. &amp; System Engg./Computer Tech/ Computer Tech &amp; Informatics/Computer Science &amp; Engineering only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Master's Degree in Engg. or Technology in Computer Science &amp; IT / Computer Hardware &amp; Software/ Computer Sc. &amp; Automation/ Computer Sc. &amp; System Engg./Computer Tech/ Computer Tech &amp; Informatics/Computer Science &amp; Engineering.            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 3 years experience and expertise in areas of design, development and testing of mission critical software / Operation &amp; Maintenance in the area of IT Security. Experience in design, development and testing of software using C++ and Qt in Linux environment. Configuration, operations and maintenance of security products.</p> <p><b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.</p>
27	01	DRDO/Project	<p><b>Essential:</b> At least First class Master's Degree in Physics/Bio Physics only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Doctorate Degree in the subject concerned.            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 3 years experience as health physicist in research or design or development or production or control and monitoring in radiation safety aspects.</p> <p><b>Desirable:</b>            (i) Experience at BARC/Projects/Nuclear plants/Shipyard or associated facilities in the following areas :-            (a) Waste Management.            OR            (b) Radiation &amp; Environment monitoring, Handling of sources.            OR            (c) Refueling Facilities.            OR            (d) Radio-biological Lab.            (ii) Radiological Safety Course from HBNI/BARC.</p>
28	01	DRDL, Hyderabad	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg./Technology in Mechanical/Aerospace Engineering only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Master's Degree in Engg. or Technology in Mechanical/Aerospace Engineering.            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 3 years experience in numerical simulation of unsteady flows. Knowledge of advanced CFD techniques for combustion instability studies.</p>
29	02	DRDO	<p><b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Civil Engg./Civil &amp; Structural Engg./Structural Engineering only; from a recognized University.</p> <p><b>Desirable :</b>            (i) Master's Degree in Engg. or Technology in Civil Engg. /Civil &amp; Structural Engg. / Structural Engineering            (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.</p>	<p><b>Essential:</b> At least 3 years experience and expertise in areas of Structural Engineering, Design of Earthquake Resistant/ Hardened Structures and Special Structures such as water retaining structures, silos and tunnels. Experience of Project Management, Planning, Estimating &amp; Costing, liaison with external agencies, local civil authorities for land acquisition/notification. Experience of Maintenance of Plant, Equipment and Machinery such as HVAC/DG plants and civil works.</p> <p><b>Desirable:</b> Experience in MES/BRO/Construction agencies of Military Services.</p>

Item No.	No. of Vacancies	Lab./Estt.	Qualification	Experience / Specialisation (in Research or Design or Development or Production)
30	01	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Chemical Engineering/Technology or First class Master's Degree in Chemistry only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Chemical Engineering/Technology or Doctorate Degree in Chemistry. (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 3 years experience in the field of response to NBC Emergencies, Offsite Emergency Management, Project Safety Management, Radiation and Chemical Safety, Hazard & risk analysis, assessment and mitigation strategies for emergencies. <b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.
31	03	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Fire Engineering / Fire Technology & Safety Engg. / Safety and Fire Engg. only; from a recognized University. <b>Desirable :</b> (i) Master's Degree in Engg. or Technology in Fire Engineering / Fire Technology & Safety Engg. / Safety & Fire Engg. . (ii) Knowledge of Chinese, French, Russian, German or Japanese foreign language.	<b>Essential:</b> At least 3 years experience in the field of Response to Chemical Emergencies, Fire Service Operations, Fire protection designs, Project Safety Management, Hazard & risk analysis, Transportation Safety, Workplace safety sampling and analysis. <b>Desirable:</b> Experience in Armed Forces/ Central Para Military Forces.

Weightage for higher qualification to be equated as research experience for lateral recruitment for the posts under DRDS Cadre is as under :-

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

#### Scientist 'B' ( ` 15,600-39,100/- & Grade Pay ` 5,400/-) – 24 Vacancies

Item No.	No. of Vacancies				Lab./Estt	Qualification
	UR	OBC	SC	ST		
32	02	01	01	--	SSBs/AFSBs	<b>Essential:</b> At least First class Master's Degree in Psychology/Applied Psychology only; from a recognized University. <b>Desirable :</b> Knowledge of Chinese, French, Russian, German or Japanese foreign language.
33	04	01	01	--	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Mechanical Engg. only; from a recognized University. <b>Desirable :</b> Knowledge of Chinese, French, Russian, German or Japanese foreign language.
34	01	01	--	01	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electrical Engg. only; from a recognized University. <b>Desirable :</b> Knowledge of Chinese, French, Russian, German or Japanese foreign language.
35	02	01	01	--	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Electronics & Communication Engg. only; from a recognized University. <b>Desirable :</b> Knowledge of Chinese, French, Russian, German or Japanese foreign language.
36	01	01	--	--	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Computer Science & Engineering only; from a recognized University. <b>Desirable :</b> Knowledge of Chinese, French, Russian, German or Japanese foreign language.
37	01	--	01	--	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Civil Engineering only; from a recognized University. <b>Desirable :</b> Knowledge of Chinese, French, Russian, German or Japanese foreign language.
38	--	01	--	--	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Chemical Engineering only; from a recognized University. <b>Desirable :</b> Knowledge of Chinese, French, Russian, German or Japanese foreign language.
39	01	--	--	01	DRDO	<b>Essential:</b> At least First class Bachelor's Degree in Engg. or Technology in Safety & Fire Engg. only; from a recognized University. <b>Desirable :</b> Knowledge of Chinese, French, Russian, German or Japanese foreign language.

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

- (a) **For DRDS Cadre**
- (i) Scientist 'B' : Not exceeding 28 years,  
(ii) Scientist 'C' : Not exceeding 35 years,  
(iii) Scientist 'D' and Scientist 'E' : Not exceeding 45 years,  
(iv) Scientist 'F' : Not exceeding 50 years.
- (b) **The upper age limit as on Closing Date** (inclusive). The upper age limit as on closing date is relaxable upto 5 years for SC/ST and 3 years for Other Backward Classes (OBC) for the posts reserved for them as per orders of Central Govt. issued from time to time. The upper age limit as on closing date is relaxable for physically handicapped persons as per Govt. rules. Age for all items is also relaxable upto 5 years for Civilian Central Govt employees as per rules. Age is relaxable for Ex-Servicemen including Ex SSC officers as per rules in vogue.
2. The applicants should ensure that they **satisfy the eligibility criteria upto closing date of advertisement**. Candidates should be in possession of First class degree certificate awarded by the university at the time of submitting the application. Candidates should possess the prescribed experience in the relevant fields as mentioned under the column "Experience / Specialisation". The experience possessed before acquiring the essential qualifications will not be counted. In such cases, the required experience will be **counted only from the date the essential qualifications are acquired**. The prescribed Essential Qualifications/experience are bare minimum and mere possession of same does not entitle candidates to be called for interview. It may not be possible for RAC to interview all the candidates. RAC may restrict the number of candidates for interview to a reasonable limit. **The suitability of the applicants will be assessed on the basis of educational qualifications possessed, experience at suitable level, professional achievements, aptitude for research etc.** The candidates should, therefore, mention all qualifications /experience /achievements/ specialisation in relevant fields 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 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.

#### 3. HOW TO APPLY

Candidates are required to submit their applications online alongwith legible and lighter file containing scanned copies of certificates for essential and higher Educational Qualification, Experience claimed in the column pertaining to Employment History of online application, Document/certificate in support of last pay drawn, recent coloured passport size photograph and the required fee through RAC website <http://rac.gov.in> . The maximum file size of each attachment should not exceed 2 MB. The applications in respect of candidates who do not upload the required documents will be summarily rejected. After submission of the online application, candidates working in Central / State Government/Public Sector Undertaking, Autonomous Organisations/Armed Forces (including Departmental candidates) must forward their applications accompanied with NOC issued by the Cadre Controlling Authority who is competent to relieve the applicant in case of selection in DRDO to Director, Recruitment & Assessment Centre (RAC), Lucknow Road, Timarpur, Delhi-110054, so as to be received at RAC within 45 days of the closing date failing which their candidature shall not be considered. In case of Army/Navy/Air Force personnel, 'NOC' must be issued from MS Branch (Army HQ)/ Dte of Personnel (Naval HQ)/ DPO(Air HQ). The NOC, in respect of Departmental candidates in respect of whom the Cadre Controlling Authority is HQ DRDO, should be submitted through DOP, HQ DRDO. A copy of the online application should be attached alongwith NOC failing which it has to be ensured that the Registration Number allotted to the candidates at the time of online submission of applications is invariably mentioned at the time of submission of NOC. In the absence of same, application may be rejected. Candidates are advised to retain one copy of application with acknowledgement slip.

4. **Application Fee ` 50/- (fifty) to be paid online.** No fee is applicable for SC/ST/PH/Woman candidates.
5. Only Indian nationals need to apply.
6. Fare concession is given by railways to unemployed youth in second class when travelling to attend interviews for jobs 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 who are unemployed 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, to such candidates.
7. Candidates will have to produce all original certificates for verification at the time of interview.
8. Application without scanned copies of certificates for essential and higher Educational Qualification, experience claimed and Document/certificate in support of last pay drawn and incomplete applications will be summarily rejected. No correspondence would be entertained in this regard.
9. Candidates desirous of applying for more than one post must apply separately for each post indicating Item No. of the advertisement accompanied by separate requisite fee.
10. Selected candidates have the liability to serve anywhere in India.
11. **Number of vacancies are tentative and may vary.**
12. **CANVASSING IN ANY FORM WILL DISQUALIFY THE CANDIDATE.**
13. Our e-mail address: [director@recruitment.drdo.in](mailto:director@recruitment.drdo.in)

#### 14. CHECK LIST:

Please ensure that you have:

- (a) Attached scanned copies of the requisite certificates with application (ref Para-3).
- (b) Rightly indicated the item number, subject and the post applied for.
- (c) Uploaded recent colour passport size photograph.
- (d) Paid requisite fee through online mode if you belong to UR/OBC Category(except woman).
- (e) Attached a requisite caste/disability certificate in case you belong to SC/ST/OBC/PH category.
- (f) Forwarded relieving certificate in case you are a retired Armed forces personnel.
- (g) Forwarded application accompanied with NOC alongwith copy of online application failing which giving the Registration Number of online application if already employed as stated in para-3.
- (h) Retained the photocopy of filled application form.

Visit RAC website <http://rac.gov.in>

- For all queries related to recruitment by RAC, please contact PRO Telefax No.: 011- 23812608 OR Telephone No. : 011- 23819720
- For all queries related to online submission please contact at Telefax No. 011-23830599