	DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION (DRDO)
	RECRUITMENT & ASSESSMENT CENTRE (RAC)
ISO 9001 Certified **Advt. No. 120**	**Lucknow Road, Timarpur, Delhi – 110054**
	DIRECT RECRUITMENT FOR SCIENTIST 'B' IN DRDO AND SCIENTIST/ENGINEER 'B' in ADA
	Closing date 10 April 2016

Website: **http://rac.gov.in**   ***ONLINE APPLICATION IS MANDATORY***   **http://drdo.gov.in**

RAC INVITES ONLINE RECRUITMENT APPLICATIONS THROUGH RAC WEBSITE **http://rac.gov.in** FOR THE POSTS OF SCIENTIST 'B' IN DRDO AND SCIENTIST/ENGINEER 'B' IN AERONAUTICAL DEVELOPMENT AGENCY (ADA) IN THE PAY BAND PB-3 (₹15600-39100, GRADE PAY ₹ 5400/-) IN SPECIFIED DISCIPLINES AND CATEGORIES. TOTAL EMOLUMENTS AT THE TIME OF JOINING WILL BE APPROXIMATELY ₹ 60,000/- P.M. AT THE PRESENT DELHI RATE (LIKELY TO BE REVISED AS PER THE RECOMMENDATIONS OF THE SEVENTH CENTRAL PAY COMMISSION).

DRDO, India's premier R&D organization employs bright, qualified and competent scientists in Group 'A' (Gazetted) technical service known as Defence Research & Development Service (DRDS). DRDO offers exciting and challenging career opportunities in very broad spectrum of R&D at its more than 50 laboratories/establishments throughout the country. For further information about DRDO please visit DRDO web-site **http://drdo.gov.in**

ADA is an autonomous Body under Ministry of Defence, Government of India. ADA is entrusted with the design & development of both the Air Force and Naval versions of Light Combat Aircraft (LCA). ADA provides challenging and excellent working environment. For further information about ADA please visit ADA web-site **https://www.ada.gov.in**

I. DETAILS OF SUBJECT-WISE CATEGORY-WISE VACANCIES

A: Part I - Screening Based on Valid GATE 2015/ 2016 Score

Item No	Subjects/Disciplines	No. of Vacancies					Essential Qualification	Corresponding GATE** Paper (Code)	Equivalent Acceptable Subjects of Qualifying Degree
		Gen	OBC	SC	ST	Total			
1	Electronics & Comm. Engg	17+1#	11	6+1#	4	38+2#	At least First Class Bachelor's Degree in Engineering or Technology in Electronics & Communication Engg from a recognized university or equivalent.	Electronics & Communication Engg (EC)	1. Electronics & Communication Engg 2. Electronics Engg 3. Electronics & Computer Engg 4. Electronics & Control Engg. 5. Electronics & Communication System Engg 6. Electronics & Instrumentation Engg 7. Electronics & Tele-Communication Engg 8. Electronics & Telematics Engg 9. Industrial Electronics Engg 10. Tele Communication Engg 11. Telecommunication & Information Tech 12. Applied Electronics & Instrumentation Engg 13. Electronics & Electrical Communication Engg 14. Electrical with Communication Engg
2	Mechanical Engg	19+1#	8	5	2	34+1#	At least First Class Bachelor's Degree in Engineering or Technology in Mechanical Engg from a recognized university or equivalent.	Mechanical Engineering (ME)	1. Mechanical Engg 2. Mechtronics Engg 3. Mechanical & Automation Engg 4. Mechanical & Production Engg
3	Computer Science & Engg*	13	7	4	2	26	At least First Class Bachelor's Degree in Engineering or Technology in Computer Science & Engg from a recognized university or equivalent.	Computer Science & Information Technology (CS)	1. Computer Science & Engineering 2. Computer Science /App Engg./Tech. 3. Computer Science/Engg. & Info Tech 4. Computer Science & System Engg. 5. Computer Software Engg 6. Computer Science & Automation Engg 7. Computer Technology 8. Computer Technology & Informatics Engg 9. Computer Technology & Information Engg 10. Information Science/ Technology Engg 11. Information Technology Engg
4.	Mathematics*	3	2	1	1	7	At least First Class Master's Degree in Mathematics from a recognized University or equivalent.	Mathematics (MA)	1. Mathematics 2. Applied Mathematics
5	Electrical Engg	6	3	1	0	10	At least First Class Bachelor's Degree in Engineering or Technology in Electrical Engg from a recognized	Electrical Engg (EE)	1. Electrical Engg 2. Electrical Power System Engg 3. Electrical & Electronics Engg 4. Electrical & Renewable Energy Engg

Item No	Subjects/Disciplines	Gen	OBC	SC	ST	Total	Essential Qualification	GATE Paper	Equivalent Acceptable Subjects of Qualifying Degree
							university or equivalent.		5. Power Engg 6. Power Electronics Engg 7. Electronics & Electrical Communication Engg 8. Electrical with Communication Engg
6	Physics*	2	2	1	1	6	At least First Class Master's Degree in Physics from a recognized University or equivalent.	Physics (PH)	1. Physics 2. Applied Physics 3. Physics (Electronics) 4. Solid State Physics
7	Aeronautical Engg	3	1	1	0	5	At least First Class Bachelor's Degree in Engineering or Technology in Aeronautical Engg from a recognized university or equivalent.	Aerospace Engineering (AE)	1. Aeronautical Engg 2. Aerospace Engg 3. Avionics Engg
8	Chemical Engg	3	2	2	2	9	At least First Class Bachelor's Degree in Engineering or Technology in Chemical Engg from a recognized university or equivalent.	Chemical Engineering (CH)	1. Chemical Engg 2. Chemical Engg / Chemical Tech 3. Chemical Plant Engg 4. App. Chemical and Polymer Tech 5. Polymer Science & Chemical Technology
9	Chemistry*	3	2	0	0	5	At least First Class Master's Degree in Chemistry from a recognized University or equivalent.	Chemistry (CY)	1. Chemistry 2. Organic Chemistry 3. Inorganic Chemistry 4. Analytical Chemistry 5. Physical Chemistry
10	Textile Engg*	1	0	1	0	2	At least First Class Bachelor's Degree in Engineering or Technology in Textile Engg from a recognized university or equivalent.	Textile Engineering & Fibre Science (TF)	1. Textile Engg 2. Textile Chemistry Engg 3. Textile Technology
11	Civil Engg*	4	3	1	0	8	At least First Class Bachelor's Degree in Engineering or Technology in Civil Engg from a recognized university or equivalent.	Civil Engineering (CE)	1. Civil Engg 2. Civil & Structural Engg
12	Material Science & Engg/ Metallurgical Engg*	1	0	0	0	1	At least First Class Bachelor's Degree in Engineering or Technology in Metallurgy (Material Science & Engg/Metallurgical Engg) from a recognized university or equivalent.	Metallurgical Engineering (MT)	1. Metallurgy & Material Tech 2. Metallurgy/Metallurgical Engg 3. Materials Engg

B: Part II - Screening Based on Percentage of Marks in Essential Qualification

Item No	Subjects/Disciplines	Gen	OBC	SC	ST	Total	Essential Qualification	Equivalent Acceptable Subjects of Qualifying Degree
13	Agriculture Science*	1	0	0	0	1	At least First Class Master's Degree in Agriculture Science from a recognized University or equivalent.	1. Agricultural Botany 2. Agriculture Horticulture 3. Agricultural Chemistry 4. Agriculture Zoology
14	Animal Science*	0	1	0	0	1	At least First Class Master's Degree in Animal Science from a recognized University or equivalent.	1. Animal Science 2. Animal Science & Bio Technology 3. Animal & Plant Science
15	Cognitive Science*	1	0	0	0	1	At least First Class Master's Degree in Cognitive Science from a recognized University or equivalent.	1. Cognitive Science
16	Biomedical Engg*	0	0	1	0	1	At least First Class Bachelor's Degree in Engineering or Technology in Biomedical Engg from a recognized university or equivalent.	1. Biomedical Engg 2. Biomedical Instrumentation engg 3. Bio medical Tech/Science 4. Biomedical Genetics Engg
17	Fire Tech Safety Engg*	3	1	1	0	5	At least First Class Bachelor's Degree in Engineering or Technology in Fire Tech Safety Engg from a recognized university or equivalent.	1. Fire Engg 2. Safety & Fire Engg
	TOTAL	**80+2#**	**43**	**25+1#**	**12**	**160+3#**		

(*) marked Subjects/Disciplines are those in which Persons with Disabilities (PWD) (Orthopaedic Handicapped (OH) and Hearing Handicapped (HH)) can apply
** GATE: Graduate Aptitude Test in Engineering
(#) marked vacancies are for ADA

II. **DESIRABLE**: Knowledge of German, French, Russian, Japanese or Chinese

Note:-

i) In case a particular institute does not have any criteria for first class or equivalence, 60% will be taken as equivalent to first class for that institute. In such cases, in case of non-availability of the conversion formula, CGPA/CPI of 6.75 (for a 10 point scale) will be taken as equivalent to 60%, as per AICTE guidelines. For any other point scale of CGPA/CPI, the equivalence may vary proportionally.

ii) Only such persons, who suffer from not less than 40% of relevant Disability, are eligible to be considered under PWD category as per rule.

iii) Three out of all DRDO vacancies are reserved for PWD category i.e. one vacancy for PWD(OH) and two for PWD(HH) category in the (*) marked Subjects/Disciplines.

(i)	For 1 post	Upto 12 candidates
(ii)	For 2-3 posts	Upto 24 candidates

III. AGE LIMIT

The upper age limit not exceeding 28 years (as on closing date i.e. 10 Apr 2016)
Age relaxation: Maximum relaxation in upper age limit will be as under:-

i) Upto 05 years in case of SC/ST candidates for the posts reserved for them
ii) Upto 03 years in case of OBC(Non Creamy Layer (NCL)) candidates for the posts reserved for them
iii) Upto 10 years for PWD (15 years for SC/ST and 13 years for OBC candidates) in identified (*) marked disciplines.
iv) As per rules for ex-servicemen
v) 5 years for serving Central Civilian Govt. employees working in posts which are in the same line or allied cadres and where a relationship could be established that the service already rendered in a particular post will be useful for the efficient discharge of the duties of the advertised posts. Decision in this regard will rest with DRDO.

IV. NATIONALITY

Only Indian nationals need apply

V. How to Apply: Online registration on RAC website (http://rac.gov.in/) is mandatory.

i) Candidates are required to submit their applications online alongwith legible and lighter file containing scanned copies of certificates for essential and higher educational qualification alongwith percentage of marks (duly supported by the mark-sheets), experience claimed if any in the column pertaining to employment history of online application, a recent passport size colour photograph (size not exceeding 30 KB; resolution of 110 x 140 pixels) and the details of required application fees through RAC website. The maximum file size of each attachment should not exceed 500 KB and it must be legible when a printout is taken.

ii) All candidates, whether in Govt. service or in Govt. owned organisations, should also submit their applications online directly to the Recruitment and Assessment Centre (RAC) and such candidates are required to upload a signed declaration (as per the proforma available at RAC website) that they have informed their Cadre Controlling Authority (CCA) in writing, that they have applied for the post in DRDO/ADA. However, such candidates, if in regular service whether in permanent or temporary capacity, are required to produce a "No Objection Certificate"(NOC) from their CCA as per the proforma available at RAC website at the time of interview, in addition to the aforesaid declaration. If CCA considers withholding the NOC, the candidate should inform RAC within 30 days of the closing date.

iii) Candidates are advised to retain a copy of the online recruitment application (pdf) alongwith acknowledge slip generated after locking of online application form.

iv) Application completed in all respect will only be considered as locked application and only such applications shall be considered for further processing.

VI. SELF ATTESTED COPIES OF DOCUMENTS TO BE ATTACHED ONLINE

i) Certificates/testimonials regarding qualifications alongwith mark-sheets, caste, ex-servicemen, employment etc. The maximum file size of each attachment should not exceed 500KB and it must be legible when a print out is taken. For that, the applicant may scan the certificates/testimonials in 200dpi grey scale.

ii) Valid GATE score card (GATE 2015/2016). *(Only for Subject/Disciplines in Part I)*

iii) The candidates, whether in Govt. Service or in Govt. owned organisations, should also submit their applications online directly to the Recruitment & Assessment Centre (RAC). Such candidates are required to upload a signed declaration (as per the proforma available at RAC website) that they have informed their Cadre Controlling Authority (CCA) in writing that they have applied for the post in DRDO/ADA.

VII. FEES & MODE OF PAYMENT

General/OBC candidates are required to pay a non-refundable non-transferable application fees of Rs.100/- (Rs. Hundred only) payable online only. However there is no application fees for SC/ST /PWD and women candidates.

VIII. SCREENING/ SHORTLISTING

i) *For Subjects/ Disciplines in Part I*
Eligible candidates will be shortlisted for further selection process on the basis of valid GATE score of GATE 2015/2016, in the ratio of 1:5 subject to their availability in order of the discipline wise category wise merit list.
Candidates appearing in the final examination of qualifying degree may also apply. However, if selected, the appointment of such candidates will be subject to availability of their final result of qualifying degree in first class on or before **10 August 2016**.
The **GATE paper** and the subject of qualifying degree must be related to the **Subject/Disciplines** against which the candidate is applying.

ii) *For Subject/ Disciplines in Part II*
Eligible candidates will be shortlisted for further selection process on the basis of percentage of marks obtained in Essential Qualification, in order of the discipline wise category wise merit list. The number of candidates subject to their availability in the following ratio will be shortlisted for further selection process:-

Candidates appearing in the final examination of qualifying degree may also apply. However, the shortlisting of such candidates will be subject to availability of their final result of qualifying degree in first class on or before **10 August 2016**.

iii) Information regarding the shortlisted candidates will be made available at RAC website.

IX. SELECTION PROCESS

i) The shortlisted candidates will be required to appear in the personal interview to be held at Delhi/Bangalore/Hyderabad/Pune or any other place as decided by RAC/ DRDO from May 2016 onwards tentatively. **Shortlisted candidates shall be able to download their interview call letter along with date/ venue of personal interview and other relevant documents through the candidate login.**

ii) Candidates serving in Govt. Service or in Govt. owned organisations will be required to produce "NOC" from their respective Department/Employer at the time of interview failing which candidate will not be allowed to appear for the interview.

iii) *Selection Criteria*

a) *For Subjects/ Disciplines in Part I*
The final selection of the candidates will be purely on the basis of discipline wise category wise merit of aggregate of, 80% weightage to GATE score and 20% weightage to marks in personal interview.
For consideration for selection, a candidate has to secure minimum qualifying marks of 70% for General candidates and 60% for OBC/SC/ST/PWD candidates in Personal Interview.

b) *For Subjects/ Disciplines in Part II*
The final selection of the candidates will be purely on the basis of discipline wise category wise merit of marks in personal interview.
For consideration for selection, a candidate has to secure minimum qualifying marks of 70% for General candidates and 60% for OBC/SC/ST/PWD candidates in Personal Interview.

iv) In addition to the above, any other selection tool/tests may be administered, at the sole discretion of the management.

v) The offer of appointment to the selected candidates will be restricted to the number of vacancies in order of merit. The appointment, however, will be subject to satisfying conditions like qualifying the Medical examination prescribed for Group 'A' Technical posts of Govt. of India with Field Service Liability and verification of character antecedents besides verification of SC/ST/OBC/PWD (HH/OH) certificate etc, if applicable.

vi) Information regarding the selected candidates will be made available at RAC website.

X. TRAINING

All selected Scientists 'B' for DRDO may be required to initially undergo Post Induction Training.

XI. LIABILITY TO SERVE

As per the Central Government rules Selected candidates will have the liability to serve anywhere in India including remote/ field area locations.

XII. IMPORTANT DATES :

- Online submission starts on : 20 March 2016 at 1700 Hrs (IST)
- Online submission closes on : 10 April 2016 at 1700 Hrs (IST)
- Personal interview schedule (Tentative) :
  ➢ May 2016 onwards for Subjects/Disciplines in Part I
  ➢ August 2016 onwards for Subjects/Disciplines in Part II

Visit the RAC website **http://rac.gov.in** for updates issued from time to time.

XIII. GENERAL INSTRUCTIONS

i) Those applications which are not locked by the candidates in accordance with the instructions will be summarily rejected and no correspondence will be entertained in this regard.

ii) The applicants should ensure their eligibility themselves in respect of age, essential qualifications etc.

iii) Candidates fulfilling the eligibility conditions, desiring of applying for more than one item, must apply separately for each item.

iv) No request with respect to the change in any data entered by the candidates will be entertained once the application is locked successfully.

v) The OBC (NCL) candidates are required to submit requisite certificate in prescribed format of Government of India, from a competent authority issued within one year of the closing date.

vi) The number of vacancies for any subject may vary.

vii) Detailed guidelines are available on our website.

viii) Translation ambiguity, if any, can be resolved to the English Version of the advertisement published in the Employment News.

ix) Any dispute will be subject to the courts/ tribunals having jurisdiction over Delhi only.

XIV. CAUTION

Misrepresentation or falsification of facts detected at any stage of the selection process or instances of misconduct/misbehaviour at any stage during selection process shall result in cancellation of candidature without any notice and no correspondence in this regard shall be entertained. Please note that RAC does not request for any payment at any stage of recruitment process except the application fees as mentioned at para VII as applicable.

XV. IMPORTANT CONTACT DETAILS

(i) For all queries related to online applying, please contact 011-23810965; 011-23830599 email id: sp@recruitment.drdo.in or pro@recruitment.drdo.in

(ii) For any other queries related to this advertisement, please contact 011-23819745; 011-23915140; 011-23971048 email id: director@recruitment.drdo.in or hp@recruitment.drdo.in or pro@recruitment.drdo.in

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