



GOVERNMENT OF INDIA  
**BHABHA ATOMIC RESEARCH CENTRE**  
Advertisement No. 03/2014 (R-IV)



***BARC strives to have a workforce which reflects gender balance and women candidates are encouraged to apply***

Last Date for submission of on-line Application: 01/10/2014

**BHABHA ATOMIC RESEARCH CENTRE (BARC)** invites on-line application for the following Group 'A' Gazetted posts as follows:

<b>Category: I</b>		
Name of the Post	:	<b>Scientific Officer/D</b>
Number of post	:	One (01)
Qualification	:	Ph.D Physics/Applied Physics with MSc Physics with $\geq 60\%$ marks from a recognized university.
Essential Experience	:	<ul style="list-style-type: none"><li>• Experience in design, fabrication &amp; operation of plasma based experimental systems such as Glow discharge plasmas/RF plasmas/High energy pulsed-power driven plasmas/High density plasmas, including their vacuum/high pressure/mechanical subsystems.</li><li>• Plasma diagnostics: Hands-on experience in development &amp; use of one or more of the following:<ul style="list-style-type: none"><li>○ Electric Probes</li><li>○ Magnetic Probes</li><li>○ Non-invasive diagnostics like spectroscopy, laser optics, microwave interferometry etc.</li></ul></li></ul>
Desirable	:	Experience with EMI/EMC, noise identification & cancellation in a plasma environment.
References	:	Two references from the Institute where PhD was obtained or from the institute where post doctoral work was carried out.
Nature of Work	:	To be involved in experiments related to generation and investigations of warm dense plasmas using pulsed power sources. Various diagnostics for measurement of current, voltage, density, temperature, pressure etc. will be developed and used to estimate thermodynamic parameters in the regime of strongly coupled plasma.
<b>Category: II</b>		
Name of the Post	:	<b>Scientific Officer/D</b>
Number of post	:	One (01)
Qualification	:	Ph.D Physics/Applied Physics with MSc Physics with $\geq 60\%$ marks from a recognized university.

Essential Experience	:	<ul style="list-style-type: none"> <li>Development and operation of laser based facilities that include: <ul style="list-style-type: none"> <li>Installation, operation and maintenance of lasers</li> <li>Use of optical &amp; opto-mechanical components</li> </ul> </li> <li>Hands-on experience in one or more of the following: <ul style="list-style-type: none"> <li>Time resolved imaging of physical phenomena using CCD/ICCD/fast framing/streak cameras</li> <li>Optical diagnostic techniques like interferometry/ shadowgraphy/ reflectometry/fibre-optic pyrometry etc.</li> </ul> </li> </ul>
Desirable	:	Experience of shock wave diagnostics
References	:	Two references from the Institute where PhD was obtained or from the institute where post doctoral work was carried out.
Nature of work	:	Developing and using optical diagnostics for various experiments. Development and use of diagnostics such as Laser interferometric techniques for time-resolved velocimetry. Visible light imaging (using fast framing cameras/streak cameras) optical spectroscopy far-infra red imaging, shadowgraphy, reflectometry etc.
<b>Category: III</b>		
Name of the Post	:	<b>Medical Officer (Obst. &amp; Gynaecology) in the grade of Scientific Officer/D</b>
Number of Posts	:	One (01)
Qualification	:	MD or equivalent in Gynaecology and Obstetrics. Conversant with basic knowledge of computers to enter the data in Hospital Information System.
Experience desirable	:	Preference shall be given to the candidates with experience of post graduate residency. Additional preference shall be for the candidates with experience in endoscopic surgery & teaching.
Nature of Work	:	Routine Obstetric & Gynaecology work like management of OPD, Indoor, Operation Theatre, Labour room and emergencies. Academic responsibilities shall include teaching students undergoing D.N.B. / Post graduation.
<b>Category: IV</b>		
Name of the Post	:	<b>Medical Officer (Pathology) in the grade of Scientific Officer (D)</b>
No. of posts	:	One (01)
Qualification & Experience	:	MD in pathology or equivalent from a recognized university or MBBS + P.G. diploma in pathology with 3 years experience.
Nature of duties	:	To report on Hematology, Cytology & Histopathology specimens. Required to carry out blood bank, microbiology & Administrative work. Supervise various sections in Pathology Unit.
Desirable	:	Conversant with basic knowledge of computers to enter the data in Hospital Information System.
<b>Category: V</b>		
Name of the Post	:	<b>Technical Officer/C</b>
Number of Posts	:	One (01)

Qualification	:	B.Sc. in Maths/Physics/Chemistry with $\geq 60\%$ marks and a Masters degree in Journalism with $\geq 60\%$ marks from a recognised University.
Experience desirable	:	Two years of working experience in a reputed scientific publishing house or an R&D institution.
Nature of Work	:	Expected to write, edit and proof read Scientific and Technical information in the field of nuclear science and engineering. Responsible for all aspects of pre-publication work and co-ordinate with all printing related activities.

Sr.No.	Name of Post	Pay Band + Grade Pay	Total Emoluments including all allowances (A1 city) (Approx.)	Age Limit as on Last Date of Application
1.	Scientific Officer/D	₹15600-39100 + 6600 (GP)	₹65,000/-	$\leq 40$ years for UR
2.	Medical Officer/D	₹15600-39100 + 6600 (GP)+NPA	₹79,000/-	$\leq 40$ years for UR
3.	Technical Officer/C	₹15600-39100 + 5400 (GP)	₹54,500/-	$\leq 35$ years for UR

**GENERAL CONDITIONS:**

1.(a)	<b>Applications will be accepted on-line only.</b>
(b)	For details regarding on-line application please log in to website <a href="http://www.barcrecruit.gov.in">www.barcrecruit.gov.in</a>
(c)	The candidates may download a copy of the on-line application and admit card and submit the same along with the attested copies (duly attested by a Gazetted Officer) of all relevant documents in support of date of birth, educational qualification (supported by appropriate marksheets indicating the subjects offered at the examinations), caste, experience at the time of interview. <b><u>Candidates who report for the interview without any of the supporting documents will not be allowed to appear before the interview committee.</u></b>
(d)	The facility of online application will be opened on 06/09/2014 and closed on 01/10/2014.
2.	In case of huge response to any post, screening test of the eligible candidates will be conducted in order to shortlist the candidates to be called for the interview.
3.	Candidates will be called for technical interview based on their academic and professional qualifications and experience in the relevant field. Final selection will be based on the performance in the interview.
4.	Selected candidates, on their appointment, will be governed by the New Contributory Pension Scheme as notified by Department of Expenditure, Ministry of Finance, Government of India vide Notification No. F.No. 5/7/2003-ECB&PR dtd. 22/12/2003.
5.	Reservation as per rules will be applicable.
6.	Posting of the selected candidates would be at the discretion of the competent authority as per the availability of vacancies. They are liable to be posted to any of the Units of BARC located in India or to a part of India in any constituent units of Department of Atomic Energy.
7.	The candidates called for interview from outstation will be paid to and fro rail fare by SECOND CLASS/ SLEEPER or actual fare whichever is less.
8.	Age limit is relaxable by 5 years for SC/ST/regular Government servants working in posts which

	are in the same line and 3 years for OBC candidates not belonging to creamy layer.
8(a)	The crucial date for determining the age limit shall be the closing date for the receipt of the applications from candidates in India (other than those in Andaman and Nicobar Islands & Lakshadweep).
8(b)	SC and ST certificate should be issued by authorized authority in the prescribed format and the caste/community should have been included in the Presidential Orders in relation to the concerned state.
8(c)	OBC certificate should be issued by authorized authority in the prescribed format with non-creamy layer certificate and the caste/community should have been included in the Central lists of Other Backward Caste. The crucial date for determining the OBC non-creamy layer certificate will be the closing date of on-line application. OBC for the purpose of age relaxation and reservation shall mean persons of OBC categories not belonging to creamy layer” as defined in Government of India, DoPT OM No. 36012/22/93-Estt.(SCT) dated 08/09/1993 and modified vide Government of India, DoPT OM No. 36033/3/2004-Estt(Res) dated 09/03/2004.
9.	BARC reserves the right to reject or accept the candidature of any applicant at any stage.
10.	BARC reserves the right to cancel/restrict/enlarge/modify/alter the recruitment process, if need arises, without issuing any further notice or assigning any reason therefore.
11.	The vacancies shown above are provisional and subject to variation. The filling up of vacancies indicated in the advertisement is also subject to the approval of Competent Authority and may not be filled up if decided otherwise in terms of the orders issued by Govt. of India from time to time. In addition to the vacancies indicated in this advertisement, the future vacancies and also vacancies in other units of DAE, which may arise after formation of the panel, will also be filled from the waitlist panel prepared from this advertisement till the validity period of the panel.
12.	Candidates must ensure that they fill in the correct information. Candidates who furnish false information will be disqualified for screening test/interview.
13.	A non-refundable application processing fee of <b>₹250/- (Rupees Two hundred and fifty only)</b> is chargeable from applicants. Candidates belonging to SC/ST, dependents of defence service personnel killed in action, persons with physical disability and women candidates are exempted from payment of this fee. Persons with physical disability should produce necessary certificate from Govt. Hospital/Medical Board in support of their claim. For payment of the application fee, the candidate may download the three fold challan from the website : <a href="http://www.barcrecruit.gov.in">www.barcrecruit.gov.in</a> and make the payment in any branch of the State Bank of India. After making payment in the bank, the portion of <u>Institution copy</u> should be produced along with the application form <b>at the time of interview.</b>
14.	Persons working in the Central/State Government/Public Sector Undertaking should submit a <b>‘NO OBJECTION CERTIFICATE’</b> from the employer at the time of interview.
15.	Appointment for all the posts is subject to successful medical examination by the Department.
16.	Before applying for the post, the candidates should ensure that he/she fulfill all the eligibility norms. The candidates should possess the prescribed Educational qualifications from a recognized University/Institution as on the closing date of submission of the application.
17.	Period of experience (where applicable) will be reckoned as on closing date of submission of on-line application.
18.	The candidate belonging to SC/ST/OBC should clearly indicate the same in the application (even if they apply against Un-Reserved posts) and should submit proof of the same in the prescribed format at the time of interview failing which they will be treated as unreserved

	and subsequent representations for the change of community status will not be entertained..
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**WARNING:** Applications which are not in conformity with the requirements will be rejected. No correspondence will be entertained with the candidates not selected for written test/interview/appointment.

**Records of the candidates not selected shall not be preserved beyond 6 months from the date of publication of select list.**

**CANVASSING IN ANY FORM SHALL BE A DISQUALIFICATION**

### **CHECK LIST FOR THE CANDIDATES**

(To be attached to the application and submitted at the time of screening test/interview)

- |  |                          |
|--|--------------------------|
| 1. Print out of the application                            | <input type="checkbox"/> |
| 2. Date of Birth (Certificate)                             | <input type="checkbox"/> |
| 3. SC/ST/OBC/PH Certificate (if applicable)                | <input type="checkbox"/> |
| 4. NOC (if applicable)                                     | <input type="checkbox"/> |
| 5. Educational Qualifications (Certificates & mark sheets) | <input type="checkbox"/> |
| 6. Experience Certificate                                  | <input type="checkbox"/> |
| 7. Institute's copy of the challan                         | <input type="checkbox"/> |

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Cash Voucher

Bank's Copy



Branch (Code No. \_\_\_\_\_)

Advt. 03/2014-R-IV - Application Fee Payment

COLLECTION A/C NO. **31519633821**

Name of the Candidate \_\_\_\_\_

Present Address \_\_\_\_\_

Discipline Code \_\_\_\_\_

Date of Birth \_\_\_\_\_

Mobile/Landline No. \_\_\_\_\_

E-mail Address \_\_\_\_\_

Category (GEN/OBC) \_\_\_\_\_

Physically Disabled \_\_\_\_\_

Head	Amount	Credit to
Application Fees	₹ 250.00	31519633821
Bankers Charges	₹ 50.00	98353XXXXXX
Total	₹ 300.00	

Amount in words

Rupees Three Hundred Only

Signature of the Candidate/ Remitter

For Receiving Branch use only

CHALLAN NO.

SEAL / DATE

AUTHORISED SIGNATORY

Cash Voucher

Institute's Copy



Branch (Code No. \_\_\_\_\_)

Advt. 03/2014-R-IV - Application Fee Payment

COLLECTION A/C NO. **31519633821**

Name of the Candidate \_\_\_\_\_

Present Address \_\_\_\_\_

Discipline Code \_\_\_\_\_

Date of Birth \_\_\_\_\_

Mobile/Landline No. \_\_\_\_\_

E-mail Address \_\_\_\_\_

Category (GEN/OBC) \_\_\_\_\_

Physically Disabled \_\_\_\_\_

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CHALLAN NO.

SEAL / DATE

AUTHORISED SIGNATORY

Cash Voucher

Candidate's Copy



Branch (Code No. \_\_\_\_\_)

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COLLECTION A/C NO. **31519633821**

Name of the Candidate \_\_\_\_\_

Present Address \_\_\_\_\_

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Mobile/Landline No. \_\_\_\_\_

E-mail Address \_\_\_\_\_

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