

National Informatics Centre Ministry of Electronics and Information Technology GOVERNMENT OF INDIA

RECRUITMENT for Scientific & Technical Posts Vacancies to be filled up on direct recruitment basis Detailed Advertisement (Advt No: NIELIT/NIC/2022/2)

1. GENERAL:

National Informatics Centre (NIC) was established in 1976, and has since emerged as a "prime builder" of e-Government / e-Governance applications up to the grassroots level as well as a promoter of digital opportunities for sustainable development. NIC has been instrumental in steering e-Government/e-Governance applications in government ministries/departments at the Centre, States, Districts and Blocks, facilitating improvement in government services, wider transparency, promoting decentralized planning and management, resulting in better efficiency and accountability to the people of India. "Informatics-led-development" program of the government has been spearheaded by NIC to derive competitive advantage by implementing ICT applications in social & public administration. The following major activities are being undertaken:

- · Setting up of ICT Infrastructure
- Implementation of National and State Level e-Governance Projects/Products
- Consultancy to the Government Departments
- Research & Development
- Capacity Building

National Institute of Electronics and Information Technology (NIELIT) invites applications on behalf of National Informatics Centre (NIC), Ministry of Electronics and Information Technology (MeitY), from eligible and qualified candidates for filling up of following Scientific & Technical Posts.

SI.	Designation and Pay		Rese	rved for	SC /ST/OE	Reserved for PWDs						
No	Details Vacant Posts				ST	OBC (NCL)*	EWS	(Horizontal Reservation)				
1	Scientist-F: Pay Level: 13 A (Rs. 131100 – 216600)	2	2	-	-	-	-	Reserved for PWDs – 06 a. Locomotive Disability				
2	Scientist – E: Pay Level: 13 (Rs. 123100 –215900)	1	1	-	-	-	-	(OA, OL, BL, OAL) – 02 Including leprosy cured, dwarfism, acid attack victims and muscular				
3	Scientist -D: Pay Level: 12 (Rs. 78800 – 209200)	12	7	1	-	3	1	dystrophy. b. Hard of Hearing (HH) – 02 c. Multiple disabilities from amongst (a) to (b) except deaf & blindness – 02				
4	Scientist-C: Pay Level: 11 (Rs. 67700 – 208700)	112	47	16	8	30	11	Godi & Billidiloss – 02				

^{*} NCL – Non Creamy Layer

Note: The number of advertised posts are tentative, the actual number of posts may increase or decrease depending upon the requirement and the reservation for the posts shall be as per the policy of Government of India.

2. ELIGIBILITY CRITERIA

2.1 ESSENTIAL EDUCATIONAL QUALIFICATION, EXPERIENCE etc.,

a) <u>EDUCATIONAL QUALIFICATION</u>

(For Scientist-C, Scientist-D, Scientist-E and Scientist-F)

Bachelor Degree in Engineering OR Bachelor Degree in Technology (Bachelor in Engineering or Bachelor in Technology) OR Department of Electronics and Accreditation of Computer Course B-Level OR Associate member of Institute of Engineers OR Graduate Institute of Electronics and Telecommunication Engineers OR Master's Degree in Science (MSc) OR Master Degree in Computer Application OR Master's Degree in Engineering OR Technology (ME or M-Tech) OR Master's Degree in Philosophy (MPhil) in the field as mentioned below:-

Field (Single or in combination): Physics, Applied Physics, Electronics, Electronics and Communication, Electronics and Telecommunication, Radio Physics and Electronics, Chemistry, Applied Chemistry, Materials Science, Environmental Science, Computer Sciences, Computer Science and Engineering, Computer Engineering, Computer, Communication, Computer and Networking Security, Computer Application, Software Engineering, Software System, Information Technology, Information Technology Management, Informatics, Computer Management, Cyber Law, Bio-informatics, Remote Sensing, Geographical Information Systems (GIS), Geography, Mathematics, Applied Mathematics, Operations Research, Total Quality Management, Statistics, Computational Linguistics, Information Science, Information Science and Engineering, Electrical, Mechanical, Civil, Production, Industrial Electronics, Instrumentation, Electronics and Instrumentation, Power Electronics, Design.

b) <u>MINIMUM RELEVANT EXPERIENCE</u>

Post	No of years of Experience	Description			
Scientist-C	4 years	In Research and development in Industrial and Academic Institutions or Science and Technology organizations or in both.			
Scientist-D	8 years				
Scientist-E	12 years				
Scientist-F	i) 18 years Research or Development in Industrial and Academic institutions of Science and Technology organizations or in both. ii) 05 years' experience of evolving, managing and directing major Programme under any branch of Sciences iii) Published research work of high standard.				

Note 1: For Candidates having Master Degree in Engineering or Master Degree in Technology or Master Degree in Philosophy, two years relaxation in above experience shall be applicable for all posts.

Note 2: After acquiring essential qualification mentioned above, the candidate must have relevant experience as mentioned in the above table in one or more areas in Research or Development in integration and implementation of Information Technology Solution or Testing or Quality Control or Capacity Development in the areas of e-Governance or Information Technology or Computer Science or Cyber Security or Communication including Data Communications or Network and Software Engineering or Cyber Law.

Desirable: Doctorate (PhD) in Science or Engineering or Information Communication Technology.

2.2 AGE LIMIT (completed years as on 21 Nov 2022)

The upper age limit for each category of post under direct recruitment shall be as under:

Posts	Upper age limit not exceeding
Scientist - F	50 years
Scientist - E	45 years
Scientist - D	40 years
Scientist - C	35 years

#Provided that-

- i. There shall be age relaxation in respect of the Scientists already working on regular basis in the Ministry of Electronics and Information Technology and its organizations as per the extant rules in vogue from time to time in the Central Government;
- ii. The upper age limit in respect of the Schedule Castes, the Schedule Tribes, Ex-servicemen, Other backward Classes, Orthopedically handicapped and other special categories of persons shall be relaxable in accordance with the orders issued by the Central Government from time to time in this regard;
- iii. The Central Government may relax the upper age limit for all categories in case of highly experienced candidates in specialized scientific areas.

NOTE (Age calculation):

The crucial date for determining the age limit shall be closing date of online application submission i.e 21 Nov 2022

3.0 PLACE OF POSTING:

The person selected may be posted anywhere in India and outside India in the interest of the Organization.

4.0 HOW TO APPLY:

Before applying, candidates are advised to go through this advertisement carefully in detail for determining their eligibility as per laid down criteria for the post.

The candidate shall submit only one application against each post. Failure to do so may lead to rejection/cancellation of the Application.

The admission at all the stages of the recruitment will be purely provisional, subject to satisfying the prescribed eligibility conditions.

Candidates are requested to apply only by ONLINE at https://www.calicut.nielit.in/nic21 between 20 Oct 2022(10:00 A.M) and 21 Nov 2022 (10:30 A.M). No other means/mode of application will be accepted. Candidates are required to have valid e-mail identification and active mobile number. The procedure/steps for filling up of applications online is briefed as under.

The complete Application can be submitted in following 3 steps:

STEP 1: Registration with Email id

STEP 2: Submission of Application details.

STEP 3: Payment of Application fee online (if applicable, see section 4.3 for details)

The application shall be treated as complete only if all the three mandatory steps (Step 1, Step 2 and Step 3 (if applicable)) are completed successfully. In case, candidate is not able to submit fee by closing date and time, or the application is otherwise incomplete, his/her candidature will summarily be rejected and no further query or complaint will be entertained in this regard.

Applicant can view the Application details from the "View Application Option" available on the home page by logging at https://www.calicut.nielit.in/nic21/Login.aspx with correct login credentials. Applicant is required to make sure that 'Application Status' on application form is "Step2 of Application Submission Completed Successfully" and Payment Status should be either "Payment not Required" or "Payment Successfully Completed". Otherwise application will be treated as incomplete and summarily rejected and no further guery or complaint will be entertained in this regard.

4.1 CHECKLIST:

The Following documents should be kept ready before applying online

- a) Scanned copies of the following documents should be uploaded in the portal
 - 1. Photograph (JPEG/JPG format, size less than 50 KB)
 - 2. Signature (JPEG/JPG format, size less than 50 KB)
 - 3. Age Proof (PDF Format, size less than 200 KB)
 - 4. Essential Qualification Certificate Degree certificate along with consolidated mark list (PDF Format, size less than 200 KB)
 - 5. SC/ST/OBC (NCL) Certificate, if applicable (PDF Format, size less than 200 KB)
 - 6. EWS Certificate, if applicable (PDF Format, size less than 200 KB)
 - 7. PWD Certificate, if applicable (PDF Format, size less than 200 KB)
 - 8. NOC, in case of Govt servants (PDF Format, size less than 200 KB)
 - 9. SSLC/Matriculation Certificate (PDF Format, size less than 200 KB)
 - 10. Higher Secondary Certificate (PDF Format, size less than 200 KB)
 - 11. Post Graduate Degree Certificate along with consolidated mark list, if applicable (PDF Format, size less than 200 KB)
 - 12. Ph D Certificate, if applicable (PDF Format, size less than 200 KB)
 - 13. Experience Certificate (PDF Format, size less than 200 KB) (as applicable)
 - 14. Details of papers published (PDF Format, size less than 200 KB) (if applicable)
- b) Credit Card/Debit card/Net Banking Details (if fee is applicable) for making fee payment.

4.2 CHOICE OF CENTRE FOR SCREENING TEST: (FOR SCIENTIST-C AND SCIENTIST-D ONLY)

Candidates applying for the posts of Scientist-C and Scientist-D shall indicate their choice of Centre for screening test from the cities listed below. No change of Centre will be permissible at a later date. NIELIT, however, reserves the right to direct the candidate to appear for screening test at any location irrespective of his/her indicated choice depending upon the number of applications received and the administrative convenience.

(1) Agartala	(2) Ahmedabad	(3) Aizawl	(4) Bengaluru	(5) Bhopal	(6) Bhubaneswar	(7) Chandigarh
(8) Chennai	(9) Dehradun	(10) Delhi	(11) Gangtok	(12) Guwahati	(13) Hyderabad	(14) Imphal
(15) Itanagar	(16) Jaipur	(17) Jammu	(18) Kochi	(19) Kohima	(20) Kolkata	(21) Lucknow
(22) Mumbai	(23) Patna	(24) Raipur	(25) Ranchi	(26) Shillong	(27) Shimla	(28) Port-Blair
(29) Visakhapatnam						

4.3 APPLICATION FEES:

The applicants shall pay the Application Fee (**non-refundable**) at the rates indicated in the table below through online payment mode via application software only:

APPLICATION FEES								
CATEGORY	SC/ST/ PWD/ Women candidates	General and all others						
FEE	Nil	Rs.800/- per application per post (including taxes)						

Candidates who are applying for more than one post needs to pay Rs 800/- for every post/- (including taxes).

The bank charges towards remittance of application fee if any, will have to be borne by the candidate. Fee through any other mode like Cash, Demand Draft, Pay Order, Cheque or Challan will **not** be accepted.

Note: Application fee once paid will not be refunded.

5. SELECTION PROCESS

a. For Post of Scientist-E and Scientist-F

The direct recruitment to the post of Scientist E and Scientist F would be done through a two-stage process i.e. Evaluation of the academic records followed by personal interaction/interview.

The Applications received would be evaluated by an Evaluation Committee and marks would be awarded for various parameters like academic qualifications, experience, publications etc. The details of various parameters and weightage of marks are indicated at **Annexure III** and **Annexure IV**.

A merit list of short-listed candidates would be drawn based on the marks obtained out of 120 marks (excluding 30 marks for interview) and candidates in the ratio of 1:3 would be called for personal interaction/interview, i.e. for each post, three candidates would be called for interview in their order of merit.

Final merit list would be prepared based on the marks obtained out of a maximum of 150 marks, i.e. marks obtained in the Evaluation process (max 120 marks) and in the Interview (max 30 marks) would be added to arrive at the final score.

A) For Post of Scientist-C and Scientist-D

The Direct recruitment to the posts of Scientist C and Scientist D would be done through a three-stage process i.e. Screening Test, Evaluation of the academic records followed by personal interaction / interview.

All eligible candidates for the posts of Scientist -C and Scientist -D who have successfully submitted the online application for the posts, along with required fee & screened in, shall be called for a Screening Test. Based on the results of screening test and evaluation of the academic records, he/she will be called for personal interaction/interview.

The screening test will be of qualifying nature and would comprise of Multiple-Choice Questions (MCQ) on Reasoning, Basic Mathematics, English, Aptitude, Attitude and Leadership Quality. Scheme of screening test shall be Objective type and will be in <u>Online mode</u>. Every question will carry 1(one) mark.

The screening test would consist of 150 nos of Multiple-Choice Questions (MCQ) to be answered in a maximum time of three hours. The medium of screening test shall be in English only.

Candidates qualifying the screening test with minimum 60% of marks, would only be considered eligible to fill up the second phase (main application form) for the posts of Scientist 'C' and Scientist 'D'. In case sufficient number of Candidates in OBC, SC, ST and PWD categories are not available with minimum 60% marks in the screening test, then qualifying marks could be relaxed to 50% and 40% for OBC and SC/ST/PWD categories respectively.

The list of candidates qualifying the screening test would, however, be restricted to the ratio of 1:6 (i.e. Six candidates per post) in the order of merit, in each category (UR/SC/ST/OBC/EWS/PWD) to qualify the first stage.

The applications qualifying the first phase i.e Screening Test would be evaluated by an evaluation committee and marks only would be awarded for various parameters (The details of various parameters and weightage of marks are indicated in **Annexure I** and **Annexure II**)

A merit list of short-listed candidates would be drawn based on the marks obtained out of 120 marks (excluding 30 marks for interview) and candidates in the ratio of 1:3 would be called for personal interaction/interview i.e. for each post, three candidates would be called for interview in their order of merit.

Final merit list would be prepared based on the marks obtained out of a maximum of 150 marks, i.e. marks obtained in the Evaluation process (max 120 marks) and in the Interview (max 30 marks) would be added to arrive at the final score.

5.1 Online Examination:

The Examination will be conducted only in online mode and if more candidates are there, the examination will be conducted in multiple batches/sessions. In such cases normalisation will be followed among batches. In the event of any technical lapses, re-examination will be conducted at effected examination centres or for effected candidates only as the case may be as per the broad scheme given below:

- a) In case of any minor technical glitches like system breakdown for a specific period of time, then the timer will be reset and will start from the time it stopped. No retest will be conducted only extended time will be allotted and allowed to the affected candidates.
- b) However, if major fault occurred in a particular centre and more than 70% of the candidates scheduled in that particular centre could not take the exam then examination at that centre will be cancelled. Retest for candidates of that centre only will be scheduled on a new date with a new question paper. In this case the candidates will not be charged any additional fee for retest. However, affected candidates should make their own arrangements for appearing for retest on the specified new date(s). Also, if any of the candidate fails to attend the retest for any reason, <u>no</u> retest shall be held under any circumstance for that candidate.
- c) The final result will be based on and calculated as per the scheme of normalization (formula) given below:

$$\hat{M}_{ij} = \frac{\overline{M}_t^g - M_q^g}{\overline{M}_{ti} - M_{iq}} (M_{ij} - M_{iq}) + M_q^{gm}$$

Where:

 \hat{M}_{ij} = Normalised marks of the jth candidate in the ith shift

 \overline{M}_t^g = is the average marks of the top 0.1% of the candidates considering all shifts (number of candidates will be rounded – up)

 $M_q^{\mathcal{G}}$ = is the sum of mean and standard deviation marks of the candidates in the examination considering all shifts

 \overline{M}_{ti} = is the average marks of the top 0.1% of the candidates in the ith shift (number of candidates will be rounded-up).

 M_{iq} = is the sum of mean marks and standard deviation of the ith shift.

 M_{ij} = is the actual marks obtained by the jth candidate in ith shift.

 M_q^{gm} = is the sum of mean marks of candidates in the shift having maximum mean and standard deviation of marks of candidates in the examination considering all shifts.

5.2 <u>VERIFICATION OF DOCUMENTS:</u>

Verification of requisite documents will be done prior to the interview. Candidate will be interviewed only after confirming all the eligibility requirements and production of <u>all relevant original documents</u> for verification.

Mere fulfilling of requirement as laid down in the advertisement does not qualify a candidate to be called for personal interaction/interview.

5.3 INTERVIEW LOCATION

Interviews shall be conducted at Delhi or at any other location/ mode approved by competent authority.

No request for postponement or change in location is allowed/entertained.

6. ACTION AGAINST MISCONDUCT.

Candidates are advised in their own interest that they **should not** furnish any particulars that are false, tampered, not supported by proof or fabricated and should not suppress any material information. A candidate is liable to be prosecuted for misconduct if during or at any stage of recruitment, he/she has been found guilty of;

- Using unfair means during the examination or violation of any other requirements of screening test.
- Impersonating or procuring impersonation by any person.
- Misbehaving in the examination hall.
- Resorting to any irregular means in connection with his/her candidature during selection process
- Obtaining support for his/her candidature by any means.

Such candidates in addition to rendering himself/herself are liable to criminal prosecution and may also be liable to be:

- a) Disqualified from the examination hall.
- b) Debarred either permanently or for a specified period from any examination/recruitment to be conducted by MeitY, its attached offices and statutory organizations.

7 IMPORTANT INFORMATION

7.1 CITIZENSHIP:

A Candidate must be either: (a) a citizen of India, or (b) a subject of Nepal, or (c) a subject of Bhutan, or (d) a Tibetan refugee who came over to India before 1st January, 1962 with the intention of permanently settling in India, or (e) a person of Indian origin who has migrated from Pakistan, Burma, Sri Lanka or East African countries of Kenya, Uganda, the United Republic of Tanzania (formerly Tanganyika and Zanzibar), Zambia, Malawi, Zaire, Ethiopia and Vietnam with the intention of permanently settling in India. Provided that a candidate belonging to categories (b), (c), (d) and (e) above shall be a person in whose favor a certificate of eligibility has been issued by the Government of India.

7.2 RESERVATION

a) Reservation for SC/ST/OBC/EWS/PWD (minimum 40% disability) candidates shall be as per the Govt. guidelines. The candidates must upload a copy of the Caste/Category Certificate in the formats prescribed by Government of India. The Certificate for PWD must indicate the percentage of disability while the Certificate for Backward Caste must clearly indicate that the candidate does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of Schedule to the Government of India, Department of Personnel & Training O.M No 36012/22/93-Estt(SCT) dated 08/09/93 as amended from time to time (Proforma for SC/ST/OBC/PWD etc certificate are provided in Annexure "VI").

- b) The Benefit of reservation under EWS can be availed upon production of an Income and Asset Certificate issued by a Competent Authority as per DoPT OM No.36039/1/2019-Estt (Res) dated 31st January 2019. The income and Asset Certificate issued by any one of the following authorities in the prescribed format shall only be accepted as proof of candidate's claim as belonging to EWS.
 - District Magistrate/ Additional District Magistrate/Collector/ Deputy Commissioner/Additional Deputy Commissioner/1st Class Stipendiary Magistrate/Sub-Divisional Magistrate/ Taluka Magistrate/Executive Magistrate/Extra Assistant Commissioner.
 - ii. Chief Presidency Magistrate/Additional Chief Presidency Magistrate/ Presidency Magistrate.
 - iii. Revenue Officer not below the rank of Tehsildar.
 - iv. Sub-Divisional Officer of the area where the candidate and /or his/her family normally resides.

7.3 CUT OFF DATE FOR AGE, QUALIFICATION AND EXPERIENCE:

The Cutoff date for calculating the age as well as completion of eligibility conditions with regard to essential qualifications and experience, if applicable will be **21 Nov 2022** which will remain unchanged even in case of extension of the closing date for submission of applications.

7.4 CORRESPONDENCE

All correspondences in connection with the recruitment will be made by NIELIT/NIC through e-mails/SMS only on their registered e-mail ID and Mobile Number. The candidates must, therefore, indicate his/her primary email ID and active primary Mobile Number in the online application form on which the communication regarding this recruitment process would reach to the applicant. Joining/Appointment process of selected candidates will also be made through the registered Email and Mobile with NIELIT, by NIC. Hence the candidate must regularly check their email ID/SMS.

It is implicit that the candidate upon registration in the recruitment portal agrees to permit NIELIT to send Transactional SMS/e-mail communications to the registered email ID/Mobile phone.

After declaration of result, candidates are required to regularly check the recruitment website of NIC (https://recruitment.nic.in/) for further course of action.

Note: Disclaimer: In case of failure of candidate(s) to respond to NIC/NIELIT communication(s) online as above, during recruitment process, resulting in rejection of candidature, NIC/NIELIT shall not be responsible.

7.5 APPLICATION FEE PAYMENT & ELIGIBILITY

NIELIT will not be responsible in case of incomplete transactions during the online payment process. It is the sole responsibility of the candidate to ensure that the correct payment of application fee has been made successfully. Application fee once paid is non-refundable.

Applicants, in their own interest, should check their eligibility for the post before remitting the application fee. Only qualifications mentioned against each post shall be considered for determining the eligibility.

8. <u>IMPORTANT INSTRUCTIONS</u>

- Applications which are not in conformity with the requirement indicated in the advertisement, are liable to be rejected.
- Candidates at the time of interview shall bring the downloaded Interview Call Letter, self-attested copies of all testimonials, their originals and NOC (as applicable) from the employer failing which they will not be allowed to appear in the interview.
- Final Selection of candidates for appointment to the above-mentioned positions will be based on meeting the prescribed eligibility criteria, the performance in the screening test, if applicable and in interview.
- If at any point of time it is found that the information furnished by the candidate was incorrect in any respect or forged /fabricated documents were presented by any candidate, his/her candidature will be canceled and in case the candidate has already joined the post, his services shall be summarily terminated.
- Each candidate shall affix his/her recent colour passport size photograph (of size 3.5 cms x 4.5 cms) in JPG format of size not more than 50 KB and upload the same at appropriate space provided in the on-line Application Form.

- Each candidate shall also affix his/her signatures with Black/Blue Pen in a white paper and scan them to a JPG file (of dimension 3.5 cms x 1.5cms) with size not more than 20 KB and upload the same at appropriate space provided in the on-line Application Form.
- Candidate shall upload only the following relevant document in the following sequence in PDF Format (not exceeding the size of 200 KB each):
 - 1. Certificate of Date of Birth (issued by Municipality etc or Matriculation/High School/SSC Certificate)
 - 2. SSLC/Matriculation Certificate along with marks scored.
 - 3. Higher Secondary Certificate along with marks scored.
 - Certificates of Educational qualification, which makes him/her eligible for applying for the post along with marks scored.
 - 5. Certificates of Post Graduate qualification along with marks scored, if any
 - 6. Certificates of PhD qualification, if any
 - 7. Details of Papers published and conference attended, if any
 - 8. Caste certificate (SC/ST/OBC(NCL)), if applicable
 - 9. Category Certificate (PWD or any other), if applicable
 - 10. EWS Certificate, if applicable
 - 11. Experience Certificates which makes him/her eligible for applying for the post, as applicable
 - 12. NOC/Undertaking, as applicable
- The candidates should upload only relevant documents. It should be kept in view that **uploading of irrelevant** documents may lead to disqualification of the candidature/rejection of the application Form. Non-submission of the documents in the above sequence may lead to cancellation/rejection of the Application Form.
- Candidates shall have eligibility qualification complete in all respects by closing date. Qualifications obtained through Open Universities/Distance Education mode that are approved by DEC and wherever necessary, by AICTE, are recognized for the purpose of employment under Central Government vide Gazette Notification No. 44 dated 1st March 1995 alone shall be considered as eligible.
- Before final submission of the on-line Application Form, the candidates must go through the same carefully. It shall be noted that Incomplete / Incorrect application form will be summarily rejected.
- After submitting the ONLINE Application Form, candidates are advised to download the application form and the Application id should be referred to in all future correspondence with NIELIT in connection with this recruitment process.
- Candidates working with Central Govt./State Govt./PSU/Autonomous bodies have to furnish 'NOC' from the authority concerned. The 'NOC' should also confirm that no disciplinary/Vigilance case is either pending or contemplated. Withdrawal of candidature on account of non-furnishing of any information will not confer any right to carry forward or retain the candidature for future recruitment. Also attested copy of APAR and AWR for the last 5 years in respect of the individual is required on demand.
- Any request for change of address will not be entertained. Also, no change in particulars shall be permitted and the particulars furnished by the applicant in the online application form will be taken as final.
- No TA/DA shall be paid for attending the screening test and interview.
- For any problems related to online submission of application form/downloading of admit card, please send e-mail to recruit@nielit.gov.in mentioning advertisement number in the subject. No other query will be entertained at this mail-id.

9. <u>List of Annexures:</u>

Annexure I - Norms for the post of - Scientist "C".

Annexure II – Norms for the post of – Scientist "D".

Annexure III - Norms for the post of - Scientist "E".

Annexure IV - Norms for the post of - Scientist "F".

Annexure V - General Notes.

Annexure VIA - Performa -for SC/ST Certificate.

Annexure VIB - Performa - for OBC (NCL) Certificate.

Annexure VIC - Performa - for EWS Certificate.

Annexure VI D - Performa - for Govt Employees Claiming Age Concession.

Annexure VI E - Performa -for Ex-servicemen.

Annexure VI F - Performa(s) - for PWD Candidates.

Norms for the post of Scientist - C

S. No	Particulars	Weightage of Marks	Max Marks
(a)	Matriculation (Class X)	0.1 mark for each percent	10 marks
(b)	10+2 (Intermediate)	0.2 mark for each percent	20 marks
(c)	GATE Score	0.05 mark for each percent	5 marks
(d)	Essential Qualification i.e. basic qualification required for the post	0.4 mark for each percent in the degree of Essential Qualification.	40 marks
(e)	Ph.D. in relevant field	Full marks forwarded Ph.D. Degree.	10 marks
(f)	Experience in Relevant field (maximum 4 years in Govt./Semi-Govt./private would be considered)	4.5 marks for each completed year in Government/Semi-Government in the relevant field at an appropriate level, after completion of essential qualification.3 marks for each completed year in private organization in the relevant field and at an appropriate level after completion of essential qualification.	18 marks
(g)	Journal Publications	2 marks for publication of each paper in International Journal and 1 mark for Publication of each paper in National Journal, having Impact Factor of at-least One and indexed in any of the following: (i). Web of Science [SCI(Science Citation Index), SSCI {Social Sciences Citation Index), SCI-Expanded (Science Citation Index Expanded)]OR (ii). SCOPUS	12 Marks
(h)	Conference Publications	1 mark for each Conference Paper presented and published in SCOPUS/IEEE/Springer indexed Conference proceedings.	5 marks
(i)	Interview/Personal Interaction		30 marks
	Total		150 marks

The above mentioned norms are further subject to General Notes given in ANNEXURE-V

Norms for the post of Scientist-D

S. No	Particulars	Weightage of Marks	Max Marks
(a)	Matriculation (Class X)	0.08 mark for each percent	8 marks
(b)	10+2 (Intermediate)	0.12 mark for each percent	12 marks
(c)	GATE Score	0.05 mark for each percent	5 marks
(d)	Essential Qualification i.e. basic qualification required for the post	0.4 mark for each percent in the degree of Essential Qualification.	40 marks
(e)	Ph.D. in relevant field	Full marks for awarded Ph.D. Degree.	10 marks
(f)	Experience in Relevant field (maximum8 years in Govt./ Semi-Govt./ Private would be considered)	3 marks for each completed year in Government/Semi-Government in the relevant field at an appropriate level, after completion of essential qualification. 2 marks for each completed year in private organization in the relevant field and at an appropriate level after completion of essential qualification.	24 marks
(g)	Journal Publications	2 marks for publication of each paper in International Journal and 1 mark for publication of each paper in National Journal, having Impact Factor of at-least One and indexed in any of the following: (i) Web of Science[SCI(Science Citation Index), SSCI (Social Sciences Citation Index), SCI-Expanded (Science Citation Index Expanded)] OR (ii) SCOPUS	
(h)	Conference Publications	1 mark for each Conference Paper presented and published in SCOPUS /IEEE/Springer indexed Conference proceedings.	7 marks
(i)	Interview/Personal Interaction		30 marks
	Total		150 Marks

The above mentioned norms are further subject to General Notes given in **ANNEXURE-V**

Norms for the post of Scientist E

S. No	Particulars	Weightage of Marks	Max Marks
(a)	Matriculation (Class X)	0.06 mark for each percent	6 marks
(b)	10+2 (Intermediate)	0.1 mark for each percent	10marks
(C)		0.4 mark for each percent in the degree of Essential Qualification.	40 marks
(d)	Ph.D. in relevant field	Full marks for awarded Ph.D. Degree.	10 marks
(e)	Experience in Relevant field (maximum 12 years in Govt./Semi-Govt./ Private would be considered)	 2.5 marks for each completed year in Government/ Semi-Government in the relevant field at an appropriate level, after completion of essential qualification. 1.75 marks for each completed year in private organization in the relevant field and at an appropriate level after completion of essential qualification. 	30 marks
e e	Journal Publications	2 marks for publication of each paper in International Journal and 1mark for publication of each paper in National Journal, having Impact Factor of at-least One and indexed in any of the following: (i)Web of Science [SCI(Science Citation Index), SSCI (Social Sciences Citation Index), SCI-Expanded(Science Citation Index Expanded)]OR (ii)SCOPUS	l6 marks
(g)		1markforeachConferencePaperpresented And published in SCOPUS/IEEE/Springer indexed Conference proceedings.	8 marks
(h)	Interview/ Personal Interaction		30 marks
	Total		150 Marks

The above mentioned norms are further subject to General Notes given in ANNEXURE-V

Norms for the post of Scientist F

S. No	Particulars	Weightage of Marks	Max Marks
(a)	Matriculation (Class X)	0.03 mark for each percent	3 marks
(b)	10+2 (Intermediate)	0.05 mark for each percent	5 marks
(c)	Essential Qualification i.e. basic qualification required for the post	0.4 mark for each percent in the degree of Essential Qualification.	40 marks
(d)	Ph.D. in relevant field	Full marks for awarded Ph.D. Degree.	I0 marks
(e)	Experience in Relevant field (maximum 18 years in Govt./Semi-Govt./ Private would be considered)	 2 marks for each completed year in Government/ Semi-Government in the relevant field at an appropriate level, after completion of essential qualification. 1.5 marks for each completed year in private organization in the relevant field and at an appropriate level after completion of essential qualification. 	36 marks
(f)		2 marks for publication of each paper in International Journal and 1 mark for publication of each paper in National Journal, having Impact Factor of at-least One and indexed in any of the following: Web of Science [SCI(Science Citation Index), SSCI (Social Sciences Citation Index), SCI-Expanded (Science Citation Index Expanded)]OR (ii) SCOPUS	18 marks
(g)	Conference Publications	1 mark for each Conference Paper presented and published in SCOPUS/ IEEE/ Springer indexed Conference proceedings.	8 marks
(h)	Interview/Personal Interaction		30 marks
	Total		150 Marks

The above mentioned norms are further subject to General Notes given in ${f Annexure}\ {f V}$

GENERAL NOTES

- 1) All subjects offered at Class X level would be considered for evaluation purpose. Further, if the marks obtained under Class X, Class XII and Essential Qualification category are given as CGPA, then the same would be converted into percentage and evaluated on the basis of published formula of the institute, to be provided by the candidate. Wherever formula for conversion of CGPA into percentage is not given/available, then the generic formula prescribed by AICTE would be used.
- 2) Marks obtained in Physics, Chemistry, Mathematics (PCM) (in combination or alone where not available) would only be considered for evaluation at 10+2(Intermediate) stage. For eg. if a candidate had only one subject out of PCM, then marks obtained in that subject would only be considered for evaluation. Similarly, if a candidate has a different combination of subjects like PCB (Physics, Chemistry, Biology), then marks obtained in Physics and Chemistry would only be considered for evaluation.
- 3) A candidate who fulfills the eligibility criteria with multiple educational qualifications (e.g. a candidate with B.E/B.Tech and M.E./M.Tech.), would have the option to offer marks of any one eligible qualification for the purpose of awarding marks under the category of essential qualifications.
- 4) GATE score obtained by the candidate in past three years from the closing date of application will be considered.
- 5) Required experience in reverse chronological order would be considered for evaluation.
- 6) In case a candidate qualifies the experience, criteria based on combined experience in Government and Private organizations, then for marking purpose, period of more than six months would be considered as a complete year, while a period of less than six months would be ignored. However, the total number of years considered for evaluation (after such rounding off) should not exceed the experience prescribed for the said post.
- 7) Candidate would be required to indicate the experience gained in the relevant field, in about 250 words.
- 8) Candidates would also be required to submit a Statement of Purpose (SOP) (max100 words) along with the application form.
- 9) Educational Qualification Certificates along with Experience Certificates would be required to be submitted/uploaded along with the application form.
- 10) The decision of the Evaluation Committee taken for resolving any issue during the evaluation of the applications would be final.

Performa-VI A

The form of certificate to be produced by Scheduled Castes and Scheduled Tribes candidates applying for appointment to posts under the Government of India

This is to certify that Shri/Shrimati/Kumari*						
Caste/tribe* which is recognized as a Scheduled Caste/Scheduled Tribe*under:-						
@The Constitution (Scheduled Castes) Order, 1950 @The Constitution (Scheduled Tribes) Order, 1950						
@The Constitution (Scheduled Castes) Union Territories Order, 1951 @The Constitution (Scheduled Tribes) Union Territories Order, 1951						
[as amended by the Scheduled Castes and Scheduled Tribes List (Modification) Order,1956;the Bombay Reorganisation Act,1960;the Punjab Reorganisation Act,1966, the State of Himachal Pradesh Act,1970, the North Eastern Areas (Reorganisation)Act,1971,the Scheduled Castes and Scheduled Tribes Order (Amendment) Act,1976., the State of Mizoram Act,1986,the State of Arunachal Pradesh Act,1986 and the Goa, Daman and Diu (Reorganisation)Act,1987.]						
@The Constitution (Jammu and Kashmir) Scheduled Castes Order, 1956 @The Constitution (Andaman and Nicobar Islands) Scheduled Tribes Order, 1959 as amended by the Scheduled Castes and Scheduled Tribes Order (Amendment)Act, 1976 @The Constitution (Dadar and Nagar Haveli) Scheduled Tribes Order, 1962 @The Constitution (Dadar and Nagar Haveli) Scheduled Tribes Order, 1962 @The Constitution (Pondicherry) Scheduled Castes Order, 1964 @The Constitution (Uttar Pradesh) Scheduled Tribes Order, 1967 @The Constitution (Goa, Daman and Diu) Scheduled Tribes Order, 1968 @The Constitution (Goa, Daman and Diu) Scheduled Tribes Order, 1968 @The Constitution (Nagaland) Scheduled Tribes Order, 1970 @The Constitution (Nagaland) Scheduled Tribes Order, 1978 @The Constitution (Sikkim) Scheduled Tribes Order, 1978 @The Constitution (Jammu & Kashmir) Scheduled Tribes Order, 1989 @The Constitution (SO) Order (Amendment) Act, 1991 @The Constitution (ST) Order (Amendment) Act, 1991 @The Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 2002 @The Constitution (Scheduled Castes) Order (Amendment) Act, 2002 @The Constitution (Scheduled Castes) Order (Amendment) Act, 2002 @The Constitution (Scheduled Castes) Order (Amendment) Act, 2002						
% 2. Applicable in the case of Scheduled Castes/ Scheduled Tribes persons who have migrated from one State/Union Territory Administration to another.						
This certificate is issued on the basis of the Scheduled Castes/ Scheduled Tribes certificate issued to Shri/Shrimati *						
% 3. Shri/Shrimati/Kumari*						
Signature** **Designation						
(With Seal of Office) State/Union Territory*						
Date:* *Please delete the words which are not applicable. @Please quote specific Presidential Order. % Delete the paragraph which is not applicable.						
NOTE: The term "ordinarily reside(s)" used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.						
**List of authorities empowered to issue Scheduled Caste/Scheduled Tribe Certificate.						
(i) District Magistrate/ Additional District Magistrate/ Collector/ Deputy Commissioner/ Additional Deputy Commissioner/ Deputy Commiss						
 (ii) Chief Presidency Magistrate/ Additional Chief Presidency Magistrate. (iii) Revenue Officers not below the rank of Tehsildar. (iv) Sub Divisional Officer of the area where the candidate and/or his/her family normally resides. (v) Administrator/Secretary to Administrator/Development Officer (Lakshadweep) 						

ANNEXURE-VI B

FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR APPOINTMENT TO POSTS UNDER THE GOVERNMENT OF INDIA

This is to	certify	that	Shri/Sm	nt./Kumari			_son/dau	ghter	of _						of \	/illage	
				in	Distric	t/Divisi	ion					_ in	the	State	e/Unior	n Tei	ritory
the Governr	agent of	belo	ongs to the	ee	luotioo	and	Empour	CO	mmun	ity which	is re	cognis	sed as	a bac	kward	class	under
ille Governi		IIIuia,	wiiiiiStry	ui Suciai	Justice	anu	Empow	ennend	S RE	Solution	INO.						ualeu
Shri/Smt./Kur	nari			ar	nd /or	his/her	r family	ordina	arily	reside(s)	in	the					
District/Division	on of the				State	e/Union	n Territory	y .									
This is also to Government (Res) dated 9 27th May, 20	of India, oth March	Departn	nent of Pe	ersonnel & T	raining C	D.M. No	o. 36012	/22/93-	Estt. (S	SCT) dat	ed 8.	9.199	3, OM	No. 3	6033/3	/2004-	- Estt.
														Signa	ature		
															n		
Dated:			-														
					Seal	*_											
**- As amend \$ - List of Au Caste/Sched Note:- The te	thorities uled Trib rm "Ordii	empowe e certific narily" u	ered to iss cates. sed here		e same n	neanin	g as in S	ection 2	20 of th	ne Repre	esenta	ation o	of the F	People	e Act, 1	950	duled
I			S	ion/daughte	er of Sh	ri					re	esider	nt of				
village/town/																	
to the																	
reservation in			•		•				•								
(SCT) dated	8-9-199	3. It is a	also decla	red that I d	o not be	long to	person	s/section	ons/se	ections (Crem	ıy Lay	er) me	ention	ed in c	olumr	1 3 of
the Schedule	to the a	above r	eferred O	ffice Memo	randum	dated	8-9-199	3, OM	No. 3	6033/3/2	2004-	-Estt.	(Res.)	date	d 9 th M	arch,	2004
and OM No.													,				
			`	,													
													Signa	ature			
												Fu	ll Nam	e:			
Pla	ce:																

Government of	

(Name & Address of the authority issuing the certificate)

INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Certificate No			Date:
	VALID FOR THE	YEAR	
of,	Village/Street, Post Pin Codewhose photograph is s/her family** is below Rs. 8 lakh (Rupees	Office,attested below below	of
I. 5 acres of agric	ultural land and above;		
II. Residential flat	of 1000 sq. ft. and above;		
III. Residential plo	ot of 100 sq. yards and above in notified mi	unicipalities;	
IV. Residential plo	ot of 200 sq. yards and above in. areas oth	er than the notified	municipalities.
and Other Backward Classe	es (Central List).	te which is not reco	ognized as a Scheduled Caste, Scheduled Tribe
Recent passport size photo of the applicant			Signature with seal of Office
			Name
			Designation
	sources i.e. salary, agriculture, business, p		anyation his/her parents and siblings helow the

**Note 2: The term 'Family" for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years

***Note 3: The property held by a "Family' in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

ANNEXURE VI D

PERFORMA

The form of certificate to be produced by Government Servants for claiming Age concession

(Letter Head of the Institution/Issuing Authority)

This is to certify that Shri/Ms	s/o, d/o, w/o Shri	is a regularly
appointed employee of this organisation/D	Department/Ministry and duties performed by him/her during the period	(s) are as under:
Certified that : *(a) Shri/Shrimati/Kum.	holds substantively a permanent post of	in the
Office/Department of	with effect from	
	has been continuously in temporary service on a regula	
·	in the Office/Department of	with effect from
'		
	Signature	
	Name:	
	Designation:	
	Ministry/Office:	
	Address:	
_		
Place:		
Date:		

Note: Candidates working with Central Govt./State Govt./PSU/Autonomous bodies have to furnish 'NOC' from the authority concerned. The 'NOC' should also confirm that no disciplinary/Vigilance case is either pending or contemplated. Withdrawal of candidature on account of non-furnishing of any information will not confer any right to carry forward or retain the candidature for future recruitment. Also attested copy of APAR and AWR for the last 5 years in respect of the individual is required on demand.

ANNEXURE VI E

FILLED BY DIRECT RECRUITMENT

A.	Form of	Form of Certificate applicable for Released/Retired Personnel								
	It is certifi to	ed that No.	Rank Army/Navy/Air Force.	Name	whose date of birth is	has rendered service from				
2.	He has be		on his own request, but with	ount of misconduct or inefficience						
	%(b) %(c)		int of physical disability attributa dment after putting in at least fiv							
3. Place : _	He is cov		the definition of Ex-Serviceman	(Re-employment in Central Civ	ril Services and Posts) Rules, 1979 as a	amended from time to time.				
					Signature, Name and D Seal	esignation of the Competent Authori				
% Delete	the paragrap	oh which is	not applicable.							
B.			for Serving Personnel g personnel who are due to be	released within one year)						
in Army/N	It is certifi lavy/Air Ford		Rank	Name	whose date of birth is	is serving from				
2.	He is due	for release	retirement on completion of his	specific period of assignment of	on					
3. Place : _ Date :	No discip		nce case is pending against him	ı						
					Signature, Name and Do Seal	esignation of the Competent Authori				
					will have to give the following unde who are due to be released within on					
the satisf Servicem	action of the	elected on the appointing of the Ex-se	ne basis of recruitment process authority that I have been duly	to which this application relates released/retired/discharged fro	s, my appointment will be subject to my m the Armed Forces and that I am ent Rules, 1979, as amended from time to	y producing documentary evidence titled to the benefits admissible to Ex				
						Signature and Name of Candidate				
C.	Form of	Certificate :	applicable for Serving ECOs/S	SSCOs who have already con	npleted their initial assignment and a	re on extended assignment				
in Army/N	It is certifi lavy/Air Ford		Rank	Name	whose date of birth is	is serving from				
2. 3. Place : _ Date :	He has al	no objection	oleted his initial assignment of five to his applying for civil employn	ve years on and is onent and he will be released on	on extended assignment till three months notice on selection from	the date of receipt of appointment.				
					Signature, Name and D	esignation of the Competent Authorit				
			to issue certificate to Armed For	rces Personnel for availing Age	Seal concessions are as follows:					
Navy – D	irectorate of	Personnel,	, Army HQ, New Delhi. Naval HQ, New Delhi. I Officers, Air HQ, New Delhi							
Army – b Navy – B	se of JCOs/C y various Re ABS, Mumba – Air Force	gimental Re ai	ivalent of the Navy and Air Forcecord Offices	re.						

Form-V
Certificate of Disability
(In cases of amputation or complete permanent paralysis of limbs and incases of blindness)

Recent Passport size Attensted Photograph (showing face only)
of the person with disability [See rule 18(1)]
(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)

Recent Passport size Attensted of the person with disability

		(NAME AND AD	DRESS OF THE MEDIC	ALAUTHURITY ISSUING THE C	ERTIFICATE)	
Certificat	re No:			Date:		
	This is to certify that I	have carefully exam	nined Shri/Smt/Kum	son/wife/	daughter of Shri	Date of
Birth	(DD/MM/YYYY) Age	Years,	male / female	Registration No	permanent resident of H	House No
Ward/Vill	age/Street	Post Office	District	State	whose photograph is	affixed above and am
satisfied	that:					
(A) he/sh • •	le is a case of : locomotor disability dwarfism blindness (Please tick as applicable	e)				
(B) the di	iagnosis in his/her case is					
(A)	He/She has	% (in figu	re)	percent (in words) permanent Loca	omotor Disability/dwarfism/blindnes	s in relation to his/her
of the gui	idelines to be specified)	delines (number	and date of issue of the guideline	<u> </u>	ber and date or issue
2.	The applicant has submit	ted the following doc	ument as proof of reside	nce:-		
Nature	of Document		Date of Issue		Details of authority issuing certification	ate
the pe	re/Thumb impression of erson in whose favour te of disability certificate is issued.			(Signature and so	eal of Authorised Signatory of notif	ied Medical Authority)

Form-VI Certificate of Disability (In case of multiple disabilities) [See rule 18(1)]

Recent Passport size Attensted
Photograph (showing face only)
of the person with disability

This	is to cert	tify that we have carefully o	examined Shri/Smt/Kum rs_male / female	s	on/wife/daughter of Shri permanent re	sident of House No
rd/Village/Str sfied that:	eet	Post Office	District	State	whose phot	tograph is affixed above
					has been evaluated as per gui	
	S. No.	Disability	Affected part of body	Diagnosis	Permanent impairment/mental (in %)	physical disability
	1.	Locomotor disability	@			
	2.	Muscular Dystrophy				
	3.	Leprosy cured				
	4.	Dwarfism				
	5.	Cerebral Palsy				
	6.	Acid attack victim				
	7.	Low vision	#			
	8.	Blindness	#			
	9.	Deaf	&			
	10.	Hard of Hearing	&			
	11.	Speech and Language disability				
	12.	Intellectual Disability				
	13.	Specific Learning Disability				
	14.	Autism Spectrum Disorder				
	15.	Mental illness				
	16.	Chronic Neurological Conditions				
	17.	Multiple sclerosis				
	18.	Parkinson's disease				
	19.	Haemophilia				
	20.	Thalassemia				
	21.	Sickle Cell disease				

2.	This condition is progressive / non-progressive / likely to improve / not likely to improve.							
3. (i) (ii)	Reassessment of disability is : not necessary is recommended/after(DD/MM/YYYYY)	years months , a	and therefore this certificate shall be valid till					
@ # &	e.g Left/right/both arms/legs e.g Single eye e.g Left/Right/both ears.							
4.	The applicant has submitted the following doc							
Nature of	Document	Date of Issue	Details of authority issuing certificate					
5.	Signature and seal of the Medical Authority							
Name an	d seal of Member	Name and seal of Member	Name and seal of the Chairperson					
the pers	/Thumb impression of son in whose favour of disability certificate is issued.							

Form-VII Certificate of Disability (In cases other than those mentioned in Forms V and VI) [See rule 18(1)]

Recent Passport size Attensted Photograph (showing face only) of the person with disability

Certificate No:	_	Da	ate:	
This is to certify that we have	carefully examined Shri/Smt/Kum	son/wif	e/daughter of Shri	Date of Birth
(DD/MM/YYYY) Age	Years, male / female	Registration No	permanent resident of H	louse No Ward/Village/Stree
Post Office _	District	State	whose photograph is a	ffixed above and am satisfied that he/she
is a case of	_ , ,	ge physical impairment / disabi	lity has been evaluated as per	guidelines (to be specified) and is showr
again the relevant disability in t	he table below:-			

S. No.	Disability	Affected part of body	Diagnosis	Permanent impairment/mental (in %)	physical disability
1.	Locomotor disability	@			
2.	Muscular Dystrophy				
3.	Leprosy cured				
4.	Cerebral Palsy				
5.	Acid attack victim				
6.	Low vision	#			
7.	Deaf	&			
8.	Hard of Hearing	&			
9.	Speech and Language disability				
10.	Intellectual Disability				
11.	Specific Learning Disability				
12.	Autism Spectrum Disorder				
13.	Mental illness				
14.	Chronic Neurological Conditions				
15.	Multiple sclerosis				
16.	Parkinson's disease				
17.	Haemophilia				
18.	Thalassemia				
19.	Sickle Cell disease				

(Please strikeout the disabilities which are not applicable)

2.	This condition is progressive / non-progressive	ve / likely to improve / not likely to improve.							
3. (i) (ii)	Reassessment of disability is : not necessary is recommended/after(DD/MM/YYYY)	years months	, ar	nd therefore	this c	ertificate	shall	be v	alid till
@ # &	e.g Left/right/both arms/legs e.g Single eye e.g Left/Right/both ears.								
4.	The applicant has submitted the following do		-						
Nature of	Document	Date of Issue		Details of auth	ority issu	uing certifi	cate		
				(Authorise	ed Signat	tory of not			uthority) ind seal)
the pers	Thumb impression of son in whose favour							Count	ersigned
certificate	of disability certificate is issued.	certificate is issued by a	a medic	H	f Medica lead of 0	Countersi I Officer/M Governme a governm	ledical : nt Hosp	Superin ital, in	tendent/ case the
	case this certificate is issued by a medical Officer of the District.	dical authority who is not a government so	ervant	t, it shall be	valid or	nly if co	unters	igned	by the

Note: The principal rules were published in the Gazettle of India by Ministry of Social Justice and Empowerment vide notification number 489, dated 15.06.2017.