

CSIR - Central Road Research Institute
(Council of Scientific and Industrial Research)
Delhi-Mathura Road, New Delhi - 110 025
(Website: www.crridom.gov.in)



Advertisement Number: 02/PC/SCT-2020 dated 14.03.2020

Date of Commencement of online application: 17.03.2020

Last Date for submission of online application: 06.04.2020(mid-night)

Last Date for Receipt of the hard copy of online application for normal applicants within India:
16.04.2020

Last Date for Receipt of the Hard Copy of Online Application for applicants residing in remote areas within India such as North-East India, Union Territory of J&K and Ladakh, Andaman & Nicobar Islands etc as well as Applicants of Indian Origin from abroad : 27.04.2020

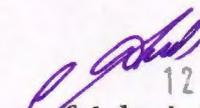
Applicants applying from abroad can send Hard copy of their applications through the Postal Service of their respective countries or through International Courier Services.

A unique opportunity for a Research career in Engineering & Technology

CSIR - Central Road Research Institute (CRRRI), New Delhi, a constituent National Institute of the Council of Scientific and Industrial Research (CSIR), is a premier Scientific organisation involved in conducting high quality Research and Development in the areas of Road and Transportation Engineering. Applications are invited from the Indian Nationals for filling up of the following scientific positions:

Designation	Number of Posts	Pay Scale/ Level	Total Monthly Emoluments (approx.)	Upper Age Limit (as on last date of submission of Online Application)
Scientist GR.IV (2)	Total No. 11 Posts (UR - Six Posts including One Post reserved for Economically Weaker Section (EWS); OBC - Two Posts; SC - Two Posts; ST- One Post).	7 th CPC Level - 11	Rs. 67,700/- +DA, HRA (as admissible)	32 Years

For other details and conditions etc., please visit our website <https://crridom.gov.in/sci-rec/> and apply online as per the listed procedure. Please see age relaxation under relevant relaxation section. As such, the reservations for all categories shall be in accordance with the Government of India Guidelines.


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A unique opportunity for a Research Career in Engineering and Technology

CSIR - Central Road Research Institute is a premier Research and Development (R&D) institute under the Council of Scientific and Industrial Research (CSIR), which is an autonomous organisation under the Ministry of Science and Technology, Government of India. The major areas of R&D thrust of the institute include basic and applied research in various areas of roads and transportation engineering and technology to provide Science and Technology (S&T) based innovative solutions. These include traffic engineering and road safety, road safety auditing, transportation planning and environment, planning & engineering aspects of rural roads, sustainable transportation for smart cities, intelligent transport system, environmental impact assessment (EIA) studies, bridge engineering and related structures, and highway instrumentation, pavement engineering and materials (*rigid, flexible and composite pavements*), pavement evaluation, road asset management and deterioration modelling, ground improvement, landslides management and hazard mitigation.

CSIR - CRRI uses sophisticated equipments / software such as Road Network Survey Vehicle (NSV), LiDAR, UAV, Mobile Bridge Inspection Unit (MBIU), Accelerated Pavement Testing Facility (APTF), indigenously developed Car Driving Simulator, etc. and software such as VISSIM, VISSUM, AIMSUN, TRANSCAD, MATLAB, HDM-4, etc., in planning and management of roads, bridges and other related infrastructure. In addition CSIR - CRRI imparts training to develop skills of highway / transportation professionals on the latest technologies and their applications in road sector. Further, CSIR - CRRI is a recognized centre by NHA / MoRT&H for the 15-day Certification Course on "Road Safety Audit and Other Road Safety Related Aspects".

Job requirements / Nature of Job: The incumbents are expected to participate in the ongoing research activities and the placement of the candidates in different functional divisions will be done as per requirement of the institute, keeping in mind the knowledge and experience of the selected candidates. In addition to R&D activities, sponsored / grant-in-aid / consultancy projects are also to be handled either independently or as part of the team. The candidates are expected to be up to date and conversant with various standards prevalent and applicable to his / her relevant area like American Society for Testing and Materials (ASTM) Standards, Indian Roads Congress (IRC) and Bureau of Indian Standards (BIS) etc. The candidates are expected to have the capability to establish networks with other stakeholders involved and participate in the societal projects in relevant areas. Further, the candidates are expected to adhere to the mandate of the institute and work towards the overall R&D goals of their respective divisions or work areas as assigned from time to time. Opportunity also exists to supervise research students for their M.Tech. / M.E. / Ph.D. studies.

In order to meet the future demands in both basic and applied research in road and transportation engineering and technology, online applications are invited from enthusiastic, young, dynamic and creative Indian researchers having excellent academic record and proven scientific achievement with high degree of motivation and desire to take up research, product development, technology innovation and translational research as detailed below:

Designation	Number of Posts	Pay Scale/ Level	Total Monthly Emoluments (approx.)	Upper Age Limit (as on last date of submission of Online Application)
Scientist Gr.IV (2)	Total No. 11 Posts (UR - Six Posts including One Post reserved for Economically Weaker Section (EWS); OBC - Two Posts; SC - Two Posts; ST- One Post).	7th CPC Level -11	Rs. 67,700/- plus DA, HRA (as admissible)	32 years

The essential educational qualifications, experience, etc. for all the posts are as under:-

Area Code: S-11: Traffic Engineering and Transport Planning; UR - 03; OBC - 01; SC - 01			
Post Code Number and Reservation	Essential Educational Qualification	Desirable Experience	Job Specifications
S-11; Unreserved (UR) - 03; Other Backward Class (OBC) - 01; Scheduled Caste (SC) - 01	M.E./M.Tech. / M.S. or any equivalent Degree either in Transportation Engineering / Transport Planning / Traffic Engineering / Transportation and Infrastructure Engineering / Transport Planning and Logistics / Highway Safety / Infrastructure Design and Management / Urban Infrastructure / Urban Transport / Infrastructure Systems / Engineering of Infrastructure and Disaster Mitigation with B.E. / B.Tech. Degree in Civil Engineering (1 st Class or 60 % on an aggregate or equivalent GPA) OR Ph.D. in Engineering *(submitted) either in the area of Traffic Engineering / Transportation Engineering / Road Safety / Transport Planning with B.E./B.Tech. Degree in Civil Engineering (1 st Class or 60 % on an aggregate or equivalent GPA)	Candidates having exposure either in innovative Design / Analysis and Design of Traffic / Transportation Engineering Projects / Transportation Modelling / Road Safety Audit will be preferred.	R&D and innovative product development, translational research as well as field execution of projects in the areas of Traffic Engineering, Transportation Engineering, Transportation Planning and Road Safety.
Area Code: S-12: Transport Environment - 01 position; UR - 01			
S-12; Unreserved (UR) - 01	M.E./M.Tech. / M.S. or any equivalent Degree either in Environmental Engineering / Environmental Engineering and Management / Environmental Sciences and Engineering with B.E. / B.Tech. Degree in Civil Engineering (1 st Class or 60 % on an aggregate or equivalent GPA) OR Ph.D. in Engineering*(submitted) in the area of Environmental Engineering with B.E./B.Tech. Degree in Civil Engineering (1 st Class or 60 % on an aggregate or equivalent GPA).	Candidates having exposure to Air and Noise Pollution Modelling related to Road Projects and / or handled projects in the field of Environmental Impact Assessment of Roads will be preferred.	R&D and innovative product development, translational research as well as field execution of projects in the area of Air and Noise Pollution assessment related to Highway / Transportation Engineering projects.
Area Code: S-13: Bridge Engineering & Structures: 05 Positions; UR - 02 (01 - EWS); OBC - 1; SC - 1; ST - 01			
S-13; Unreserved (UR) - 02 Out of Two Posts, One Post reserved for EWS; Other Backward Class (OBC) - 01; Scheduled Caste (SC) - 01 Scheduled Tribe (ST) - 01	M.E. / M. Tech. / M.S. or any equivalent Degree either in Structural Engineering / Earthquake Engineering / Structural Dynamics / Wind Engineering with B.E. / B.Tech. Degree in Civil Engineering (1 st Class or 60 % on an aggregate or equivalent GPA) OR Ph.D. in Engineering*(submitted) either in the area of Structural Engineering / Earthquake Engineering / Structural Dynamics / Wind Engineering with B.E. / B. Tech. Degree in Civil Engineering (1 st Class or 60 % on an aggregate or equivalent GPA)	Candidates having exposure to Analysis & Design / Field Execution / Non - Destructive Testing & Health Monitoring of Structures / Rehabilitation of Bridges & Flyovers & other Civil Engineering Structures will be preferred.	R & D and innovative product development, translation research / field execution of related projects in the areas of Analysis & Design / Assessment using Non-Destructive Testing & Health Monitoring / Rehabilitation of Bridges / Flyovers.

Note: *Wherever Ph.D. in Engineering is not mentioned in the Ph.D. degree certificate, only those candidates having Ph.D. degree with B.E. / B.Tech degree in Civil Engineering will be considered.


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General Information and Conditions:

1. Benefits under Council Service:

- a) These posts carry usual allowances as admissible to the central government employees and as made applicable to CSIR. Council employees are also eligible for accommodation as per CSIR allotment rules depending on availability in which case HRA will not be admissible.
- b) In addition to the emoluments indicated against posts, benefits such as reimbursements of Medical Expenses, Leave Travel Concession, Conveyance Advance and House Building Advance are available as per rules of CSIR.
- c) CSIR provide excellent opportunities to deserving candidates for career advancement under Assessment Promotion scheme for Scientists.
- d) Deserving candidates may be considered for advance increment as per CSIR Rules.

2. Other Conditions:

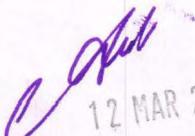
- a. The applicant must be a citizen of India.
- b. All applicants must fulfil all the essential requirements of the post and other conditions stipulated in the advertisement as on the last date for receipt of the online applications i.e. 06.04.2020. They are advised to satisfy themselves before applying that they possess at least the essential qualifications laid down for various posts as on the last date of receipt of online application which are compulsory even if a candidate has some other higher qualifications. No enquiry asking for advice on eligibility will be entertained.

The prescribed essential qualifications are the minimum and should be in the area mentioned against each post. Mere possession of the same does not entitle candidates to be called for interview. The duly constituted Screening Committee will adopt its own criteria for short-listing the candidates. Wherever there is scope for interpretation of subject specialization, the topic of dissertation of the candidate will also be considered by the Screening Committee. The candidate should therefore mention in the application all the qualifications clearly mentioning the percentage of marks obtained in CPI/GPA plus sending the copy of abstract of the dissertation carried out during M.E. / M.Tech. / M.S. / Ph.D., and experiences in the relevant area(s) over and above the minimum prescribed qualification, supported with documents and ensure that all details are in full and accurate. Completion of Doctoral degree i.e. Ph.D. will be reckoned from the date of issue of provisional certificate / notification.

- c. The application should be accompanied by self attested copies of relevant documents/certificates in support of age, educational qualifications, marks obtained, experience and caste/community/class etc. The prescribed qualification should have been obtained from recognized Universities / Institutions etc. **Incomplete applications or applications received after due date or not accompanied with the required attested relevant certificates/documents and requisite application fee, wherever necessary, will be summarily rejected.**
- d. The period of experience rendered by a candidate on part time basis, daily wages, visiting/ guest faculty will not be counted while calculating the valid experience for short listing the candidates for interview.
- e. The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum prescribed educational qualification prescribed for that position.
- f. If any document/certificate furnished is in a language other than Hindi or English, a transcript of the same duly attested by a Gazetted Officer or Notary is to be submitted.
- g. The date for determining the upper age limit, qualification and / or experience shall be the closing date prescribed for receipt of Online – Applications i.e. **06.04.2020**.
- h. Reservation for Economically Weaker Sections (EWS) is applicable as per Government of India (GoI) instructions.
- i. The posts will be governed by the New Pension Scheme applicable with effect from 01.01.2004 which is as notified by the GoI and adopted by CSIR vide their letter No. 7/68/2001-E.II dated 23.12.2003 and other instructions issued on the subject.
- j. Only outstation candidates called and found eligible for interview will be paid to and from single second class rail fare from the actual place of undertaking the journey or from the normal place of their residence whichever is nearer to the Railway Station of New Delhi / Nizamuddin / Delhi on production of Rail Tickets/Rail Ticket Numbers or any other proof of journey.
- k. Any discrepancy found between the information given in application and as evident in original documents will make the candidate ineligible for appearing in interview. Such candidate will not be paid any fare.
- l. The decision of the Director, CSIR-Central Road Research Institute/CSIR in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, conduct of examination / interview will be final and binding on the candidates.
- m. Canvassing in any form and/or bringing any influence political or otherwise will be treated as a disqualification for the post.
- n. **NO INTERIM ENQUIRY OR CORRESPONDENCE WILL BE ENTERTAINED.**

3. Relaxations:

- a. The upper age limit is relaxed up to 05 years for SC / ST and 03 years for OBC as per Government orders only in those cases where the post are reserved for respective categories on production of relevant certificate in the prescribed format signed by the specified authority at the time of interview.
- b. Upper age limit is also relaxable up to five years for the regular employees working in CSIR Laboratories/Institutes, Government Departments, Autonomous Bodies and Public Sector Undertakings.
- c. As per GOI provisions, age relaxation for Widows, Divorced women and women Judicially separated from husbands, the upper age limit is relaxable up to the age of 35 years (*up to 40 years for members of Scheduled Castes / Tribes and up to 38 years for members belonging to the Other Backward Classes in respect of the posts reserved for them*) for Widows, Divorced Women and Women Judicially separated from their Husbands who are not remarried. The persons claiming age relaxation under this sub-para would be required to produce following documentary evidence:-
 - i) In case of Widow, Death Certificate of husband together with the Affidavit that she has not remarried since.
 - ii) In case of divorced women and women judicially separated from their husbands, a certified copy of the judgment/decreed of the appropriate Court to prove the fact of divorce or the judicial separation, as the case may be, with an Affidavit in respect of divorced Women and they have not remarried since.
- d. SC / ST / OBC / EWS candidates are required to produce a copy of the certificate in the prescribed format signed by the specified authority at the time of interview. The OBC candidate should produce the certificate valid for appointment of posts under the Central Government. The closing date for submission of online applications will be treated as the date of reckoning for OBC status. The OBC candidate should produce the certificate valid for appointment to the post under the Central Government (*standard Govt. of India format*). OBC certificate should not have been issued three (03) years prior to the last date of receipt of online application i.e. 06.04.2020. In the case of candidates applying under EWS category, the relevant certificate should not have been issued one (01) year prior to the last date of receipt of online application i.e. 06.04.2020.
- e. Relaxation in the upper age limit of 5 years applicable for persons who had ordinarily been domiciled in the Kashmir division of the State of J&K during the period 01.01.1980 to 31.12.1989 subject to production of a certificate from the District Magistrate in Kashmir Division within whose jurisdiction he/she had ordinarily resided or from any other authority designated in this behalf by the Government of J&K to the effect that he/she had ordinarily been domiciled in the Kashmir Division of the State of J&K during the period from 01-01-1980 to 31-12-1989.

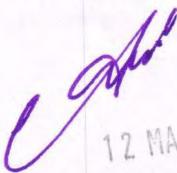

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- f. Relaxation in age, qualification and/or experience may be permitted by DG, CSIR, if the Director of the laboratory based on the recommendation of Screening Committee is of the opinion that sufficient number of candidates possessing the requisite qualification and/or experience are not likely to be available to fill up the posts.

4. **Mode of Selection:**

The candidates will be shortlisted by the duly constituted Screening Committee(s) as per the criteria fixed by them and its recommendations will be duly approved by the competent authority. *(The desirable qualifications may be the guidelines for Screening Committee but it may devise its own criteria apart from it depending upon the response of the candidates)*. Wherever there is scope for interpretation of subject specialization, the topic of dissertation of the candidate will also be considered by the Screening Committee. The candidate should therefore mention in the application all the qualifications clearly mentioning the percentage of marks obtained in CPI/GPA plus uploading of soft copy of abstract of the dissertation carried out during M.E. / M.Tech. / M.S. / Ph.D., etc. and experiences in the relevant area(s) over and above the minimum prescribed qualification, supported with documents and ensure that all details are in full and accurate. The candidates so shortlisted will be considered for interview by the duly constituted Selection Committee (s) to evaluate their suitability for the posts on merit. The recommendations of the Selection Committees will be duly approved by the competent authority.

- a. In the event of number of applications being large, CSIR - CRRRI may adopt short listing criteria to restrict the number of candidates to be called for interview to a reasonable number by any or more of the following methods:
- i. On the basis of higher educational qualifications than the minimum prescribed in the advertisement.
 - ii. On the basis of higher experience in the relevant field than the minimum prescribed in the advertisement.
 - iii. On the basis of patent filed, publications in SCI/reputed journals, etc.
 - iv. Any other methodology as deemed fit by the Screening Committee.
- b. The candidature of the candidates staying aboard may also be considered. The selection committee may ask for interview through Skype or video conferencing. The candidate must ensure availability with the scheduled date and time of the interview in such case.
- c. The screening of the candidates will be done prima facie on the basis of documents and information furnished by the candidates. If at any subsequent date it is discovered that a candidate does not fulfil the eligibility criteria, his / her candidature shall be cancelled without assigning any reason whatsoever.


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5. How to Apply:

- a) Eligible candidates are required to apply online through our website <https://crridom.gov.in/>.
- b) Details of online application form will be available on the above website.
- c) Online application will be available on the above website up to **06.04.2020 mid-night** URL for online application is <https://www.crridom.gov.in/sci-rec/>.
- d) The non-refundable application fee of Rs. 100/- where applicable may be deposited through the link to pay online which will be available on the above website and printed copy of **e-receipt/challans** must be enclosed with the application. The candidates belonging to SC / ST / Women / CSIR Employees category are exempted from submission of application fee.
- e) In case of Universities/Institutes awarding CGPA/SGPA/OGPA grades etc, candidates are requested to convert the same into percentage based on the formula as per their University/Institute and submit a copy of proof wherever applicable.
- f) The candidate has to register with his / her name, email-id and password.
- g) After successful registration, the candidate has to login using the credentials and apply through the electronic application form. After filling-up the electronic application form, the candidate can verify / edit the application to ensure that the application is complete and correct in all aspects. After finalizing, candidate can print the application.
- h) This computer generated application (*print out*) duly accompanied by self attested copies of the certificates, mark sheets, testimonials in support of age, education qualifications, experience, reprints of publications, caste / EWS certificate(s), if applicable, along with one recent passport size self-signed photograph affixed, together with E-RECEIPT/CHALLAN of the Application fees, (*if applicable*) should be sent in an envelope superscripted "APPLICATION FOR THE POST OF SCIENTIST WITH AREA CODE & NAME: _____" 'Advertisement No. **02/PC/SCT-2020**' by post to the **Controller of Administration, CSIR - Central Road Research Institute, Delhi - Mathura Road, (P.O.) CRRI, New Delhi -110 025** within ten days of closing date of online application i.e. **16.04.2020**.

Last Date for Receipt of the Hard Copy of Online Application for applicants residing in remote areas within India such as North-East India, Union Territory of J&K and Ladakh, Andaman & Nicobar Islands etc as well as Applicants of Indian Origin from abroad : 27.04.2020

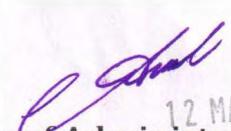
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- i) Candidates applying for more than one post must submit separate Application Form for each Area indicating the Area Code number and name of the Area. The hard copy(s) of each application must be accompanied by payment of separate Application Fees.
- j) Application once made will not be allowed to be withdrawn and fees once paid will neither be refunded on any count nor can it be held in reserve for any other recruitment or selection process.
- k) Applications from employees of Government Department will be considered only if forwarded through proper channel, certified by the employer that the applicant, if selected, will be relieved within one month of the receipt of the appointment orders. Vigilance Clearance should also be recorded. However, advance copy of the application may be submitted before the closing date. Applications routed through proper channel should reach the Director, CSIR - Central Road Research Institute (CRRRI), New Delhi at the earliest.
- l) Candidates should specifically note that the applications received after the closing date for any reason whatsoever (*such as envelopes wrongly addressed, delivered elsewhere, postal delay etc.*) will not be entertained by the Institute.
- m) Incomplete applications i.e. without self attested photograph, without self attested certificates, unsigned application print-outs and/or application print-outs not received or received after closing date, application fees wherever applicable, applicable relevant testimonials in support of Date of Birth, Qualification, Experience, Caste, EWS, etc. will not be entertained and will be summarily rejected.

6. Documents to be sent with the application form:-

- i. The printed copy of e-receipt / challan for the application fee of Rs.100/- .
- ii. Colour photograph pasted on the form and signed across in full.
- iii. Self attested photocopy of certificate (*HS/HSSC/Birth Certificate*) in support of Date of Birth.
- iv. Self Attested photocopies of Certificates and Marks Sheets (*semester wise / year wise*) in support of essential qualifications and any other higher qualification.
- v. Self Attested photocopy of caste / EWS certificate(s), if applicable. In the case of widow / divorced women / judicially separated women, a certified copy of the judgment/decree of appropriate Court of Law to prove the fact of divorce or the judicial separation, as the case may be, with an Affidavit, in respect of divorced Women and they have not remarried since, may be attached.
- vi. Self Attested photocopies of experience certificates, if any.
- vii. NOC (*from Government/Autonomous Body/Public sector employees*), if employed.
- viii. Abstract of M.Tech. / M.E. /M.S. / Ph.D. Dissertation Thesis.
- ix. List of research publications if any, in SCI / reputed journals.


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