



**CSIR – CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE**  
**GIJUBHAI BADHEKA MARG, BHAVNAGAR – 364 002 (GUJARAT)**  
([www.csmcri.org](http://www.csmcri.org))

**ADVERTISEMENT NO. 4/2017**

**OPPORTUNITIES FOR BRIGHT & RESULT ORIENTED INDIAN NATIONALS**

CSIR - Central Salt & Marine Chemicals Research Institute is a premier national laboratory under Council of Scientific & Industrial Research (CSIR), New Delhi. The Institute undertakes a wide range of basic and applied R&D projects spanning the areas of chemistry, biology and engineering. The Institute has excellent infrastructure by way of sophisticated analytical instruments, modern laboratories, pilot plants, library, local area network and workshop.

Applications are invited in the prescribed form from talented and result-oriented Indian Nationals for 7 posts, as per the following details:

<b>Designation</b>	<b>No. of Posts</b>	<b>LEVEL in PAY MATRIX</b>	<b>*Total emoluments</b>	<b>** Upper age Limit not exceeding (as on last date of receipt of applications)</b>
<b>Principal Scientist</b>	01 (UR)	Level 13	₹151464/-	45 Years
<b>Senior Scientist</b>	03 (UR)	Level 12	₹98304/-	37 Years
<b>Scientist/Senior Scientist#</b>	01 (reserved for PwD - HH)	Level 11 for the post of Scientist and Level 12 for the post of Senior Scientist	₹84984/- for the post of Scientist and ₹98304/- for the post of Senior Scientist	32 Years for the post of Scientist and 37 Years for the post of Senior Scientist
<b>Scientist</b>	02 (01 reserved for SC and 01 reserved for OBC)	Level 11	₹84984/-	32 Years

\* Total emoluments mean approximate total emoluments on minimum of the corresponding level in the Pay Matrix including HRA in Class 'Y' Cities.

\*\* Relaxable as per rules.

**Abbreviations used:** UR: Un-reserved; SC: Scheduled Caste; ST: Scheduled Tribe; OBC: Other Backward classes; PwD: Persons with Disabilities, HH – Hearing Impaired.

# The Selection Committee depending upon the performance of the candidate may choose to place the candidate in any Level (i.e. Level 11 or Level 12) in the Pay Matrix subject to the candidate meeting the specified minimum eligibility criterion.

Post-wise details regarding Essential Educational Qualifications, Experience and Job Description are as under:

Post Cod	Name of the post	Number of Posts with Reservation	Level in Pay Matrix	Essential Qualification etc.	Detailed job Description	** Upper age Limit not exceeding (as on last date of receipt of applications)	*Total monthly emoluments in ₹	Desirable
01	Principal Scientist	One (01)[UR]	Level 13	Ph.D. in Chemistry with 3 years' post Ph.D. Experience relevant to the job.	The candidate has to take up challenging work for developing cost effective prototype for analysis of important analytes in environmental and biological samples. The candidate has to work on analysis of industrial sample analysis and related problems. Selected candidate is expected to take active role in pursuing translational research and institutional program.	45 Years	₹151464/-	Experience in process development and filing of patents in the area relevant to his/her job, maintenance and using of sophisticated analytical instruments, work experience in the chemistry of biologically, environmentally and industrially important metal ions, their selective detection and extraction is

								desirable. Experience as independent researcher to lead research group/guiding of Ph.D. students, as evident from independent publications and patents in the relevant area is also desirable. Candidates having experience in Product Development/Technology Innovation/Applied Technology etc. will be given preference.
02	Senior Scientist	One (01) [UR]	Level 12	Ph.D. in Computational Chemistry with 2 years of post-Ph.D. experience relevant to the job.	The candidate has to take up challenging work in membrane science, salt and biological research besides many chemical problems. Selected candidate is expected to take active role in guiding experimental research problems to achieve desired goals, also in translational research and institutional program.	37 Years	₹ 98304/-	The candidate should have good knowledge in computational methods including in quantum chemistry and molecular dynamics simulations to cater the problems in macromolecular systems. Candidates having experience in solid

								state computations will be of added advantage. Candidates having Publications/patents in relevant areas and experience in Product Development/Technology Innovation/ Applied Technology etc. will be given preference.
03	Senior Scientist	One (01) [UR]	Level 12	Ph.D. in Chemistry with 2 years Post Ph.D. experience relevant to the job.	The candidate should have experience in synthesis, characterization and application of organometallic compounds and nano-materials and should also have sound knowledge and experience in the field of catalysis. The candidate is expected to work at the interface of chemistry and biology disciplines to develop novel organo-metallic formulations for bio-medical, agricultural and water treatment. The candidate, based on his expertise, would have to work closely with scientists working on seaweed crop bio-stimulant in the Institute in order to develop sustainable slow release formulation for soil application and foliar spray for	37 Years	₹ 98304/-	Preference would be given to candidates having experience in the field of organometallic chemistry, particularly relevant to the job description and also to those candidates having experience in Product Development/Technology Innovation/ Applied Technology etc.

					enhanced agricultural productivity			
04	Senior Scientist	One (01) [UR]	Level 12	Ph.D. in Chemistry with minimum 2 years' post-Ph.D. experience relevant to the job.	The candidate Should be well versed in interpreting various analytical/ spectroscopic/ rheological/ GPC data. Experience in high density or specialty polymer.	37 Years	₹ 98304/-	Post-Ph.D. experience in Polymer Chemistry is desirable. Candidates having experience in Product Development/Technology Innovation/ Applied Technology etc.
05	Scientist	One (01) – (Reserved for SC)	Level 11	Ph.D. (submitted) in the area of Chemistry/Applied Chemistry	The selected candidate will undertake research on recovery of high purity salt and marine chemicals from sea/subsoil brines and saline waste management Will carry out experiments to understand solubility behaviour of different marine salts and thermodynamics of salt-water systems. The incumbent would also participate in field surveys and extension activities pertaining to salt and marine chemicals production.	32 years	₹84984/-	Candidates having experience in Product Development/Technology Innovation/ Applied Technology etc. will be given preference.
06	Scientist	One (01) – (Reserved for OBC)	Level 11	M. Tech. in Chemical Engineering.	The selected candidate will undertake fundamental and applied research on various chemical engineering processes. He is supposed to work on sea water and saline effluent systems, management of experimental salt works and extension activities pertaining to salt and marine chemicals production.	32 years	₹84984/-	Candidates having experience in Product Development/Technology Innovation/ Applied Technology etc. will be given preference.
07	Scientist/ Senior	One (01) – [Reserved	Level 11 for the post of	<b>For the Post of Scientist:</b> Ph.D. (submitted) in the	Material characterization and analytical method development	32 years for the post of	₹84984/- for the post	Candidates having experience in

Scientist #	for PwD – HH]	Scientist and Level 12 for the post of Senior Scientist	area of Chemistry <b>For the Post of Senior Scientist:</b> Ph.D. in the area of Chemistry with 2 years' Post PhD experience relevant to the job.	utilizing instruments such as X-ray diffractometer, electron microscope, mass spectrometer, thermal analyzers etc.	Scientist and 37 years for the post of Senior Scientist.	of Scientist and ₹98304/- for the post of Senior Scientist.	Product Development/Technology Innovation/ Applied Technology etc. will be given preference.
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\* Total emoluments mean approximate total emoluments on minimum of the corresponding level in the Pay Matrix including HRA in Class 'Y' Cities.

\*\* Relaxable as per rules.

# The Selection Committee depending upon the performance of the candidate may choose to place the candidate in any Level (i.e. Level 11 or Level 12) in the Pay Matrix subject to the candidate meeting the specified minimum eligibility criterion.

## I. **BENEFITS :**

1. The positions carry Pay and Allowances, such as HRA, TA, DA etc. at Central Government rates as applicable to the employees of Council stationed at Bhavnagar. Other benefits, such as Leave Travel Concession and Reimbursement of medical expenses, are also available. The employees are provided with residential accommodation as per CSIR rules.
2. CSIR provides excellent opportunities to deserving candidates for career advancement under Assessment Promotion scheme for Scientific & Technical Staff.
3. All new entrants will be governed by the "New Pension Scheme" on defined Contributions for new entrants recruited in Central Government Services on or after 01-01-2004, as adopted by CSIR for its employees. However, persons selected from other Government Departments / Autonomous Bodies / Public Sector Undertakings / Central Universities having Pension Scheme on GOI pattern and who are presently being governed by the Old Pension Scheme will continue to be governed by the existing Pension Scheme i.e. CCS (Pension) Rules, 1972.

## II. **AGE LIMIT AND RELAXATIONS:**

1. The date for determining the age limit/experience/qualifications shall be the closing date prescribed for receipt of applications i.e. **31.01.2018**.
2. Age relaxation of 5 years to the members of Scheduled Castes and Scheduled Tribes and 3 years to the members of Other Backward Classes in the upper age limit shall be allowed only in cases where the posts are reserved for that particular category.

3. As per GOI provisions, age relaxation for Widows, Divorced Women and Women Judicially separated from Husbands who are not remarried since, the upper age limit is relaxable up to the age of 35 years [up to 40 years for members of Scheduled Castes and Scheduled Tribes]. 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 her 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.
4. Age relaxation of 10 years (15 years for SC/ST and 13 years for OBC candidates) in upper age limit shall be allowed to persons suffering from (a) blindness or low vision (b) hearing impairment and (c) loco motor disability or cerebral palsy subject to the condition that maximum age of the applicant on the crucial date shall not exceed 56 years. The age concession to the persons with disabilities shall be admissible irrespective of the fact whether the post is reserved for person with disabilities or not, provided the post is identified suitable for the relevant category of disability. Relaxation of age limit would be permissible to such persons who have a minimum 40% disability.
5. Age relaxation to the Ex-Servicemen will be applicable as per the Government of India instructions, as amended from time to time.
6. SC/ST/OBC/PwD 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 candidates must produce the certificate valid for appointments under the Central government.
7. For the post of Scientist/Senior Scientist, relaxation in age, qualification and/or experience may be permitted by the DG, CSIR, at any stage of selection, if the Director, CSIR – CSMCRI based on the recommendations of the Screening Committee is of the opinion that sufficient number of candidates is not available for a specific post.
8. Relaxation of five years will also be permissible to those who had ordinarily been domiciled in the Kashmir division of the state of Jammu and Kashmir during the period from 1-1-1980 to 31-12-1989 subject to production of relevant certificate from concerned authority.
9. Relaxation in age limit up to 5 years may be allowed to Council/Government/Autonomous Bodies/Public Sector employees in accordance with the instructions and orders issued by the Government of India from time to time in this regard.

### **III. GENERAL CONDITIONS:**

- a. Only Indian nationals need apply.
- b. The appointment will be in CSIR-Central Salt & Marine Chemicals Research Institute (CSIR-CSMCRI), Bhavnagar, Gujarat under **Council of Scientific & Industrial Research (CSIR)**, which is an Autonomous Body. However, the appointees are liable to be posted in any of the Lab/Institutes of CSIR situated anywhere in India as and when required.
- c. The period of experience in a discipline/area of work, where prescribed, shall be counted with effect from the date of acquiring the prescribed minimum educational qualifications for the post.
- d. Exceptionally meritorious and deserving candidates may be considered for higher initial pay by the Competent Authority.

- e. Mere fulfillment of essential qualifications and experience does not vest any right in a candidate for being called for Test/Interview. A duly constituted Screening Committee shall screen the applications received for the posts and organize a Written Test/Trade Test or Seminar if considered necessary for short-listing the candidates to be called for interview. The Institute reserves the right to call for Test/Interview only those candidates who in its opinion are likely to be suitable and will not entertain any correspondence in this regard.
- f. 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. Any enclosure received separately subsequent to the receipt of the application cannot be connected therewith. No correspondence in this regard will be entertained.
- g. Only outstation candidates (within India) called for interview will be reimbursed Travelling Allowance (TA) as admissible under rules i.e. a single Second Class Railway Fare (by Mail or Express) each way from their normal place of residence, or from the place of undertaking the journey, whichever is nearer to Bhavnagar on production of proof of journey. For road journeys between stations not connected by rail, the actual bus fare or road mileage at the lowest rate as admissible under rules, will be reimbursed on production of documentary proof (bus tickets), provided the distance covered by road is more than 20 miles each way.
- h. CSIR-CSMCRI reserves the right not to fill up the post, if required. The number of vacancies indicated above may vary i.e. it may increase or decrease at the time of actual selection. This advertisement does not necessarily tantamount to the selections being actually made. The selection process is subject to the GoI instructions prevalent at a given point of time during the various stages of the selection process.
- i. The selected candidates will be on probation for a specified period from the date of taking over charge of the post. The probationary period may be extended or curtailed at the discretion of the Competent Authority. After successful completion of probationary period, they will be considered for confirmation in accordance with the extant rules.
- j. As the Screening of applications will be done on the basis of information furnished in the application forms by the applicants, it is necessary that only accurate, full and correct information is furnished by the applicants. Furnishing of wrong/false information will be a disqualification and CSIR-CSMCRI will **NOT** be responsible for any of the consequences of furnishing such wrong/false information. The decision of Director, CSIR-CSMCRI in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, and conduct of examination/interview will be final and binding on the candidates and no enquiry or correspondence will be entertained in this connection from any individual or person or agency on behalf of the candidate.
- k. Applications from employees of Government Departments 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. Also, 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 above address at the earliest.
- l. Canvassing in any form and/or bringing in any influence, political or otherwise, will be treated as a disqualification for the post.
- m. In case of universities/institutes awarding CGPA/SGPA/OGPA grades etc., candidates must convert the same into percentage – based on the formula devised by the concerned University/Institute – at the appropriate place in the Application Form.



- n. In respect of equivalent clause in Essential Qualifications, if a candidate is claiming a particular qualification as equivalent qualification as per the requirement of advertisement, the candidate is required to produce order/letter in this regard, indicating the Authority (with number and date) under which it has been so treated otherwise the application is liable to be rejected.
- o. If any document/ certificate furnished is in any foreign language, a transcript of the same duly attested by a Gazetted officer or notary is to be submitted.
- p. Incomplete applications will be summarily rejected.
- q. **INTERIM ENQUIRIES WILL NOT BE ATTENDED TO.**

#### **IV. HOW TO APPLY:**

- a. The interested candidates may download the prescribed Application Form from the Institute website: [www.csmcri.org](http://www.csmcri.org). Application Form can also be collected in person from the Recruitment & Assessment Cell of the Institute during office hours **OR** by sending a requisition to the Section Officer (R&A), CSIR – CSMCRI, GB Marg, Bhavnagar – 364 002 at [recruitment@csmcri.org](mailto:recruitment@csmcri.org) through e-mail.
- b. Applicants should send their applications in the prescribed Application Form (Annexure - I). The following documents should be attached with application duly completed in all respects:
  - i Attested copies of the Degree Certificates, Proof of date of birth, testimonials and Experience certificates
  - ii Attested copy of the Caste certificate (in case of SC/ST/OBC) in the appropriate Pro Forma prescribed by the Government of India from time to time.
  - iii Attested copy of the Medical certificate (in case of Persons with Disability candidates) from the prescribed authority in the prescribed format.
  - iv Attested copy of the Discharge Book/Certificate (in case of Ex-Servicemen candidates).
  - v Demand Draft of ₹ 100/- valid for 3 months drawn in favour of the Director, CSMCRI, Bhavnagar payable at Bhavnagar (No application fee is prescribed for SC, ST, Persons with disabilities, women & Departmental candidates. They should enclose a copy of certificate on the prescribed Pro Forma issued by the Competent Authority in support of their claim along with application).
- c. In case of universities/institutes awarding CGPA/SGPA/OGPA grades etc., candidates must convert the same into percentage – based on the formula devised by the concerned University/Institute – at the appropriate place in the Application Form.
- d. If any of the testimonials, certificates are in any foreign language, attested & authentic transcripts of the same may invariably be attached along with the application form.
- e. Applications, in a sealed cover super-scribed "**Application for the post of \_\_\_\_\_ Post No. \_\_\_\_\_ Advt. No. 4/2017**", must reach the following address on or before **31.01.2018**:

**The Administrative Officer  
CSIR-Central Salt & Marine Chemicals Research Institute  
Gijubhai Badheka Marg  
Bhavnagar – 364 002 (Gujarat)**

- f. Applications from the candidates working in CSIR, Govt. Departments and Public Sector Undertakings will be considered only if forwarded through proper channel **with a clear certificate that the applicant will be relieved within one month of receipt of offer of appointment**, if selected. However, Advance copy (photo copy) of the Application Form together with application fee, all certificates & testimonials etc. can be submitted before the closing date.
- g. Incomplete applications will be summarily rejected.

**ADMINISTRATIVE OFFICER**