



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

**ADVERTISEMENT NO. 2/2017**

**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 10 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>Senior Scientist</b>	01 (UR)	Level 12	₹ 91564/-	37 Years
<b>Scientist</b>	08 (4 UR, 3 OBC, 1 SC)	Level 11	₹ 79190/-	32 Years
<b>Scientist/Senior Scientist#</b>	01 (UR)	Level 11 for the post of Scientist and Level 12 for the post of Senior Scientist	₹ 79190/- for the post of Scientist and ₹ 91564/- for the post of Senior Scientist	32 Years for the post of Scientist and 37 Years for the post of Senior Scientist

\* 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 Pay Matrix subject to the candidate meeting the specified minimum eligibility criterion.

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

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

Post Code	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	Scientist	One (01)[reserved for SC]	Level 11 in Pay Matrix	Ph.D. (submitted) in the area of Physical oceanography or Chemical Oceanography.	The Candidate is expected to work on Collection and processing of oceanographic data such as waves, tides and currents, numerical modeling of coastal / ocean processes, predicting SST, PFZ using Remote sensing data, undertaking field investigations for marine environmental impact assessment studies and designing of marine outfall. Selected candidate is expected to take active role in pursuing translational research and institutional program.	32 years	₹ 79190/-	Candidates having experience in Product Development/Technology Innovation/Applied Technology etc. will be given preference.
02	Scientist	One (01) [Unreserved]	Level 11 in Pay Matrix	Ph.D. (submitted) <b>OR</b> ME/ M.Tech. in the area of Environmental Management.	The candidate is expected to have thorough understanding of Marine EIA study including conceptual understanding of EIA requirement, process and outcome. He/she should also	32 years	₹ 79190/-	Candidates having experience in Product Development/Technology Innovation/

					possess the knowledge of the applicable acts, rules and regulations governing environmental clearance of projects in different industrial sectors such as port, harbor, petroleum, distillery etc. and is expected to take active role is pursuing translatory research and institutional program.			Applied Technology etc. will be given preference.
03	Scientist	One (01) [Reserved for OBC]	Level 11 in Pay Matrix	Ph.D. (submitted) in the area of Homogeneous Catalysis/ Inorganic/ Physical/Organic chemistry	The Candidate is expected to work on development of homogenous catalyst for diverse reactions, oxidation hydrogenation and hydroformylation reactions. Selected candidate is expected to take active role is pursuing translational research and institutional program.	32 years	₹ 79190/-	Candidates having experience in Product Development/Technology Innovation/ Applied Technology etc. will be given preference.
04	Scientist	One (01) [Unreserved]	Level 11 in Pay Matrix	Ph. D (submitted) in the area of Heterogeneous Catalysis or Material Synthesis for catalytic application.	The Candidate is expected to work on development of Heterogeneous catalyst for diverse reactions. Experience in catalysis / materials science research with proven publication track record. Expertise and hands on experience in advanced characterization techniques for catalyst and processing reaction products is desired. Selected candidate is expected to take active role is pursuing translational research and institutional program.	32 years	₹ 79190/-	Candidates having experience in Product Development/Technology Innovation/ Applied Technology etc. will be given preference. Experience in vapor phase system will be preferred.
05	Senior Scientist	One (01) [Unreserved]	Level 12 in Pay Matrix	Ph.D. in Agriculture with specialization in Genetics and Plant Breeding plus two years of post-Ph.D. research	The candidate is expected to use marine and other bio-resources to enhance abiotic stress (high salinity/drought) tolerance of plant species.	37 years	₹ 91564/-	Candidates having experience in Product Development/Technology

				experience relevant to the job.	Selected candidate is expected to take active role in pursuing translational research and institutional program.			Innovation/ Applied Technology etc. will be given preference. Candidate with experience in the use of molecular biological tools, genetic engineering, stress physiology of crop plants, stress tolerance, use of marine resources etc. will be given preferences.
06	Scientist/ Senior Scientist#	One (01) [Unreserved]	Level 11 in Pay Matrix for the post of Scientist and Level 12 in Pay Matrix for the post of Senior Scientist	<p><b><u>For the post of Scientist:</u></b> Ph. D (submitted) in the area of Chemistry</p> <p><b><u>For the post of Senior Scientist:</u></b> Ph.D. in the area of Chemistry with 2 years post Ph.D. experience relevant to the job.</p>	<p>The candidate should possess experience in synthesizing organic compounds and inorganic complexes for application in molecular recognition or molecular sensors for important biomarkers. Candidate should have a strong inclination towards physical organic chemistry and chemical biology. Candidate should be able to act as an interface between chemistry and biology groups of this institute.</p> <p>Selected candidate is expected to take active role in pursuing translational research and institutional program.</p>	32 years for the post of Scientist and 37 years for the post of Senior Scientist	₹ 79190/- for the post of Scientist and ₹ 91564/- for the post of Senior Scientist.	Candidates having experience in Product Development/Technology Innovation/ Applied Technology etc. will be given preference. The Candidate will be expected to work on development of nano-capsules/ nano-carriers/ liposomes for targeted drug delivery or imaging applications. Candidates having experience in chemical industry will be given

								preference.
07	Scientist	One (01) [Reserved for OBC]	Level 11 in Pay Matrix	ME/M.Tech. with specialization in polymer science and technology	The selected candidate has to take up challenging work related to characterization and performance evaluation of new polymer and membrane based materials. The candidate is expected to develop new methods for sample preparation, as required by different types of samples, for microscopic study and also maintenance and operation of relevant instruments independently. Selected candidate is expected to take active role in pursuing translational research and institutional program. The selected candidate should have sound knowledge in microscopic techniques for characterization of polymer and membrane related materials.	32 years	₹ 79190/-	Candidates having experience in Product Development/Technology Innovation/Applied Technology etc. will be given preference. Hands on experience in operation of TEM, SEM, EDX, AFM, TGA, DSC, DMA etc. and interpretation of microscopic images and other relevant data for structure-property correlation study is desirable.
08	Scientist	One (01) [Unreserved]	Level 11 in Pay Matrix	ME/M.Tech.in Chemical Engineering or Chemical Technology OR Ph.D (submitted) in Chemical Engineering or Chemical Technology.	Early stage scouting of potential technologies, interaction with the industries, understanding their problems, needs and liaison with the scientists for project and technology development. Work will involve extensive travelling and incumbent would be expected to contribute and ensure the self-reliance of the Institute by way of extra mural fund generation	32 years	₹ 79190/-	Candidates having experience in Product Development/Technology Innovation/Applied Technology etc. will be given preference. Candidates possessing MBA and relevant experience, over and above the

								Essential Qualification, in technology marketing and commercialization will be preferred. Selected candidate is expected to take active role is pursuing translational research and institutional program.
09	Scientist	One (01) [Reserved for OBC]	Level 11 in Pay Matrix	ME/M.Tech. in Biological Technologies OR Ph.D. (submitted) in Biological Technologies.	Work will involve extensive liaison with State and Central Government (with all relevant/concerned line ministries) and their agencies, aligning/position the work with Institute's mandate and responding to statutory agencies, and working knowledge of project management tools (preferably IT enabled tools). The incumbent would be expected to be the interface between the Institute and the Government agencies in various means like scouting, strengthening and expanding R&D activities including funding opportunities while planning	32 years	₹ 79190/-	Candidates having experience in Product Development/Technology Innovation/ Applied Technology etc. will be given preference. Candidates possessing MBA and relevant experience, over and above the Essential Qualification, in planning and execution of research projects,

					projects around Institute's mandate.			associated with fund allocation and management, HR management including skill alignment. Selected candidate is expected to take active role is pursuing translational research and institutional program.
10	Scientist	One (01) [Unreserved]	Level 11 in Pay Matrix	ME/M.Tech. in Mechanical Engineering or Equivalent	The selected candidate has to take up challenging work related to developing improved methodology of module making and water treatment plant design. Selected candidate is expected to take active role is pursuing translational research and institutional program.	32 years	₹ 79190/-	Candidates having experience in Product Development/Technology Innovation/ Applied Technology etc. will be given preference. Experience in interdisciplinary research pertaining the water treatment. Designing of membrane based module/ materials and orientation for developing sustainable techniques is





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. 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. All applicants must fulfill the essential requirements of the post and other conditions stipulated in the advertisement as on the last date of receipt of the applications. 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 the applications. No enquiry asking for advice as to eligibility will be entertained.
- f. 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 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.
- g. Completion of Ph.D. degree will be reckoned from the date of issue of provisional certificate/notification.
- h. Incomplete applications/applications received or not accompanied with the required certificates / documents are liable to be rejected.
- i. 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.

- j. 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.
- k. 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.
- l. 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.
- m. 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.
- n. The decision of the Director, CSMCRI/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.
- o. Canvassing in any form and/or bringing in any influence, political or otherwise, will be treated as a disqualification for the post.
- p. 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.
- q. 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.
- r. **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 request along with a self- addressed envelope of 11" X 5" size affixed with postage stamps of ₹ 10/- which should reach the Section Officer (R&A), CSIR - Central Salt & Marine Chemicals Research Institute, Gijubhai Badheka Marg, Bhavnagar -364 002, Gujarat, on or before **08-09-2017**.
- 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 Code \_\_\_\_\_ Advt. No. 2/2017**", must reach the following address on or before 29-09-2017:

**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**