

CSIR-CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE (CSIR-CSMCRI)  
BHAVNAGAR

Log on to: [www.csmcri.org](http://www.csmcri.org)

“Creating technologies that reach the people”

ADVERTISEMENT NO.2/2012

CSMCRI is a National laboratory under CSIR. The Institute undertakes a wide range of R&D projects in marine chemicals, coordination chemistry, catalytic transformations, membrane separation, solar thermal applications, marine algae, stress tolerant plant, and stress genomics. 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 the following posts:

<u>Sr. No.</u>	<u>Name of the Post</u>	<u>No. of Posts</u>	<u>Pay Band</u>	<u>Grade Pay</u>	<u>Gross Emoluments as on date</u>	<u>Maximum Age Limit</u>
1.	Technical Assistant	4	PB-2 Rs.9300-34800	Rs.4200/-	Rs.27296/-	28 years
2.	Technical Officer	6	PB-2 Rs.9300-34800	Rs.4600/-	Rs.34285/-	30 years

**1. Technical Assistants : 04 Posts (2 UR , 2 ST);**

**1.1. Technical Assistant, Process Engineering (1 Post) [UR] :**

**Job Description:** The candidate will be engaged in activities pertaining to process engineering and scale up. He/she will undertake experimental work as required and also assist in equipment design, preparation of P&I diagram, plant layout etc. He/she will additionally participate in process/technology demonstration to clients.

**Essential Educational Qualification :** 10 + 2 with Science subjects followed by First Class Diploma in Chemical Engineering / Petrochemical Engineering / Chemical Technology / equivalent of 3 years fulltime duration (2/2.5 years full time duration in cases of lateral admission after 10+2 if applicable) or its equivalent.

**Desirable:** 2 years experience in software like AutoCAD, Pro/ENGINEER, ANSYS etc.

**1.2 Technical Assistant, Mechanical Engineering (1 Post) [Reserved for ST] :**

**Job Description:** The candidate will be engaged in different types of jobs related to mechanical engineering. He/she should be capable of rectifying mechanical problems which may develop in equipment/machines. He/she should also be capable of fabricating various equipments as required by the scientists. He/she may also be required to undertake travel for installation, maintenance and troubleshooting of plants/equipment.

**Essential Educational Qualification:** 10 + 2 with Science subjects followed by First Class Diploma in Mechanical Engg/Tech. of 3 years fulltime duration (2/2.5 years full time duration in cases of lateral admission after 10+2 if applicable) or its equivalent.

**Desirable:** 2 years relevant experience with hands on experience in different machineries like lathe machine, milling machine, CNC, drilling machine, shearing machine, cutter & grinder machine etc.

### **1.3 Technical Assistant, Electrical Engineering (1 Post) [Reserved for ST]:**

**Job Description:** The candidate will have to contribute towards a variety of activities such as carrying out of all types of electrical installations, maintenance work including substations and D.G. sets, electrical safety audit, energy audit, troubleshooting, etc. He/she may also be required to undertake travel for installation, maintenance and troubleshooting of plants/equipment.

**Essential Educational Qualification:** 10 + 2 with Science subjects followed by First Class Diploma in Electrical Engg /Tech. of 3 years fulltime duration (2/2.5 years full time duration in cases of lateral admission after 10+2 if applicable) or its equivalent.

**Desirable:** 2 years relevant experience.

### **1.4 Technical Assistant, Library and Information Science (1 Post) [UR]:**

**Job Description:** The candidate will be involved in a variety of duties, including acquisition of books and periodicals, circulation related duties, maintenance of patron database, receiving and invoicing items in acquisition module, generating statistical reports for print periodicals, etc.

**Essential Educational Qualification:** First Class B.Sc. (Sci.) with B.Lib.Sc.

**Desirable:** 1-2 years relevant experience in a computerized library and knowledge of library software, e-resources and databases is desirable.

## **2. Technical Officer: 06 Posts (3 UR & 3 OBC)**

### **2.1 Technical Officer, Chemical/Production Engineering (1 Post) [OBC]:**

**Job Description:** The candidate will be engaged in operation of a state of art 0.75 TPD test bed for integrated production of potash, magnesia and ammonium sulphate. The candidate will also work towards implementation of continuous improvements in the process, computation of process economics, demonstration of knowhow to potential clients, etc.

**Essential Educational Qualification:** BE/B.Tech or equivalent in Chemical/Production Engineering or Chemical Technology with 55% marks.

**Desirable:** 2 years experience in production related job preferably in fertilizer or inorganic chemical industry.

### **2.2 Technical Officer, Mechanical Engineering/Polymer Engineering (1 Post) [UR]:**

**Job Description:** The incumbent will be engaged in installation and operation of a state of art test bed for large scale production and demonstration of indigenous membrane technologies. This will include work related to membrane production, module fabrication, and performance evaluation. The candidate must have

sound knowledge of relevant machinery and aptitude for trouble shooting of problems and devising solutions.

**Essential Educational Qualification:** BE/B.Tech or equivalent in Mechanical/Polymer Engineering with 55% marks.

**Desirable:** 2 years experience in production related job preferably in the textiles, paper or surface coating industries.

**2.3 Technical Officer, Electronics & Instrumentation Engineering/Mechatronics Engineering (1 Post) [Reserved for OBC]:**

**Job Description:** The incumbent will have to provide engineering expertise for PLC control, instrumentation and automation systems, and work as part of a multi-disciplinary engineering team engaged in areas such as solar energy, chemical processes, membrane production process, and prototype development. He/she will have to additionally provide assistance with design, procurement, installation, configuration and operation of such automation systems.

**Essential Educational Qualification:** BE/B.Tech or equivalent in Electronics/Electronics & Instrumentation Engineering / Mechatronics Engineering with 55% marks.

**Desirable:** 2 years experience in the area of the job.

**2.4. Technical Officer, Civil Engineering (1 Post) [UR] :**

**Job Description:** The incumbent will be engaged in R&D activities which require civil engineering inputs, e.g., layout and construction of solar salt pans, rainwater harvesting structures in wasteland, etc. The candidate may additionally have to assist in maintenance activities, planning of renovation and expansion of infrastructure, preparation of estimates, tender papers, etc.

**Essential Educational Qualification:** BE/B.Tech or equivalent in Civil Engineering with 55% marks.

**Desirable:** 2 years hands on experience in civil engineering activities and in use of software like AutoCAD.

**2.5. Technical Officer, Planning (1 Post) [OBC] :**

**Job Description:** The incumbent will be engaged in proactive macro- and micro-planning for the short, medium and long term based on emerging R&D needs and opportunities, projection of resource availability, mapping of HR profile, analysis of performance indicators, etc. Additional responsibilities would include creation and maintenance of databases.

**Essential Educational Qualification:** BE/B.Tech or equivalent in any branch of engineering with 55% marks.

**Desirable:** 2 years experience in planning/data analysis/system engineering/management.

**2.6. Technical Officer, Technical Services (1 Post) [UR] :**

**Job Description:** The incumbent will work closely with concerned scientists to prepare preliminary technical notes on developed technologies/knowhow, disseminate the information widely, and respond to queries. He/she will also ensure timely submission of project reports/technology transfer-related documents to project sponsors/licensees and monitor compliance with the various clauses as stipulated in agreements. Additional responsibilities would include assistance with compilation of various reports and maintenance of specific databases.

**Essential Educational Qualification:** BE/B.Tech in Chemical Engineering/Chemical Technology with 55% marks.

**Desirable:** 2 years experience in promotion/forecasting/assessment of technologies in chemical sector.

**GENERAL CONDITIONS :**

1. Age limit is relaxable for SC/ST/OBC candidates and certain other categories as notified by the Central Government from time to time. Relaxation in age for other entitled categories shall be admissible as per the Govt. of India/CSIR rules.
2. Relaxation in age limit up to five years may be allowed to the 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.
3. Relaxation in age limit, qualification and / or experience in case of exceptionally meritorious candidates may be considered as per rules.
4. The cut-off date for determining the age, qualification and experience of a candidate will be the last date of receipt of applications.
5. All applications received will be screened and suitable number of candidates will be short-listed for interview. Mere fulfillment of essential educational qualifications & experience does not entitle a candidate to be called for interview. The decision of the Director, CSMCRI, in all matters relating to eligibility, acceptance or rejection of applications, mode of selection etc. will be final and binding on the candidates and no enquiry or correspondence will be entertained in this regard from any candidate.
6. Applications from employees working in Government Departments/ Public Sector Undertakings and Government Autonomous Bodies will be considered only if forwarded through proper channel.
7. Incomplete applications will be summarily rejected.
8. OBC candidates must enclose, with their applications, a copy of OBC certificate in the prescribed Performa in terms of Dept. of Per. & Trg., O.M. No. 36033/28/94-Estt. (SCT), dated 23.11.1995 prescribed by the Government of India.
9. The selected candidates shall be required to acquire the knowledge of Hindi during the period of probation, if not already possessing the same.
10. The period of experience in the requisite discipline / area of work, wherever prescribed, shall be counted with effect from the date of acquiring the prescribed minimum educational qualifications required for the post.

11. The service is pensionable based on defined contribution under the “New Pension Scheme” for new entrants as made applicable to Council employee’s w.e.f. 1.1.2004. However, persons selected from the Government Departments/ Public Sector Undertakings and Government Autonomous Bodies having Pension Scheme on the Government of India pattern will continue to be governed by the existing Pension Scheme i.e. CCS (Pension) Rules, 1972.

12. Applications for each post should be submitted separately with separate application fee for each application.

13. The prescribed application forms together with instructions may be obtained free of cost from the Central Salt & Marine Chemicals Research Institute, Gijubhai Badheka Marg, Bhavnagar – 364 002 (Gujarat), by sending a requisition along with a self-addressed duly stamped envelope [(worth Rs.10/-)(size 11" X 5")] which should reach Section Officer(R&A) Central Salt & Marine Chemicals Research Institute, Gijubhai Badheka Marg, Bhavnagar - 364 002 (Guj.) on or before **17.12.2012**. The application form can also be downloaded from the Institute web site: [www.csmcri.org](http://www.csmcri.org). Duly completed applications accompanied by attested copies of the certificates/testimonials in support of age, educational Qualification, experience, caste etc., along with a non- refundable fee of Rs.100/- (Scheduled Caste / Scheduled Tribe / Physically Handicapped candidates & regular employees of CSIR are exempted from payment of application fee) in the form of Demand Draft drawn in favour of the Director, CSMCRI, Bhavnagar payable at any of the Nationalised Bank at Bhavnagar should reach the Administrative Officer, CSIR-Central Salt & Marine Chemicals Research Institute, Gijubhai Badheka Marg, Bhavnagar - 364 002 (Guj.) by **11.01.2013**. SC / ST / Physically Handicapped candidates should enclose a copy of certificate on the prescribed proforma issued by the competent authority in support of their claim along with application form. 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. No representation in this regard will be entertained.

**CANVASSING IN ANY FORM AND/OR BRINGING IN ANY INFLUENCE, POLITICAL OR OTHERWISE, WILL BE TREATED AS A DISQUALIFICATION FOR THE POST AND SUCH APPLICANTS WILL BE DISQUALIFIED INTERIM ENQUIRIES WILL NOT BE ENTERTAINED.**

Abbreviations: UR: Unreserved; SC: Scheduled Castes; ST: Scheduled Tribes; OBC: Other Backward Classes

Sr. No. \_\_\_\_\_

**Central Salt & Marine Chemicals Research Institute  
BHAVNAGAR**

( COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH )

**FORM OF APPLICATION FOR THE USE OF CANDIDTES FOR APPOINTMENT BY  
SELECTION IN CENTRAL SALT & MARINE CHEMICAL RESEARCH INSTITUTE**

To be filled in candidate's own handwriting and forward to the Director, Central Salt & Marine Chemicals Research Institute, G. B. Marg, Bhavnagar-364002 so as to reach him not later than \_\_\_\_\_ (Information should be factual and not descriptive).

**Affix your recent  
Passport size  
photo duly signed**

For Office use only		
Post applied for _____	Amount _____	I.P.O. for Rs. _____ <b>REMOVED</b> Date _____ Sr.Finance & Accounts Officer
Advertisement No _____	IPO/DD No. _____	
Sr. No. of the Post _____	Closing date _____	

1. Have you registered yourself with the 'National Register' compiled by C. S. I. R. ?  
Answer "yes" or "No"

2. Name in full (in Block letters)  
(in case of female candidate the appropriate word "Miss" or "Mrs" should be given)

3. Address: -  
Phone No:- \_\_\_\_\_ E-mail:- \_\_\_\_\_

4. Post and subject or division for which you are a candidate (i) Post \_\_\_\_\_ Sr. No. of post \_\_\_\_\_  
(ii) Division or subject \_\_\_\_\_

5. (i) Date of Birth : (iii) Age as on last : }  
(ii) Place of Birth: date of submission : } Year \_\_\_\_ Month \_\_\_\_ Days \_\_\_\_  
of application as per Advt. : }

6. Are you \* (a) a citizen of India by birth and/or by domicile?  
(b) a person having migrated from Pakistan with the intention of permanently settling in India ?  
or a subject of Nepal or Sikkim ?  
\* Answer 'Yes' or 'No' and cancel the words, which are not applicable.

7. Name of the State to which you belong

8. Father's Name  
Address\*  
Occupation\*  
\* If dead, state his last address and occupation before death

9. Is (or was) your father\*  
(a) a citizen of India by birth and/or domicile ?  
(b) a person having migrated from Pakistan with the intention of permanently settling in India ?  
or a subject of Nepal or Sikkim ?  
\* Answer 'Yes' or 'No' and cancel the words, which are not applicable

10. State (a) Your religion  
(b) Are you a member of a Scheduled Caste /Tribe /Other Backward classes or aborigine community-Answer 'Yes' or 'No' and if the Answer is 'Yes' give particulars and attach a certificate from the District Magistrate in support of your claim  
(b1) Are you Deaf or / Orthopaedically handicapped? If the answer "Yes" give degree/percentage of permanent deafness:  
(c) Are you an Anglo-Indian ?

A candidate who claims to belong to one of the other backward classes has to submit in support of his claim an attested copy of a certificate in the prescribed form issued by the competent authority specified by the Govt. in their OM No.36012/22/93-Estt.(SC) dated 22-10-93. Candidates may produce the original certificates at the time of interview. Note: Original certificate should not be sent with the application, these should be produced at the time of interview.

10-A Please indicate the name(s) of your relative(s) employed in the Institute, if any. (Relation would include wife/husband/son/daughter/brothers, sisters, in-law/daughter-in-law and those who should be termed as blood relations)

NOTE: Any change of address given in Col. 3 above should at once be communicated to The Director, Central Salt & Marine Chemicals Research Institute, G. B. Marg, Bhavnagar-364002. Candidates must arrange for the re-direction of communication to their address, if necessary. The Institute will make every effort to take note of changes in candidates address but cannot accept any responsibility in this matter.

11. Particulars regarding your University or higher education.

Name of University	College, if any	Date of entry	Date of leaving

12. Particulars of examinations passed and technical qualifications obtained at the University or other places of higher technical education or institution (commencing with Matriculation or equivalent examination.)

Examination or Degree or Diploma	Class or Division	Percentage %	Subject taken	Month and Year

13. have you been outside India ? If so, give following particulars.

Country visited	Date of visit	Duration of visit	Purpose of visit

14. Details of post-graduate work and published papers. Give titles of papers here and attach reprints. If the space below is insufficient give full particulars on a separate sheet of paper and attach it to this application inserting here a reference to the sheet attached. Any additional qualification may be mentioned here on a separate sheet.

15. What languages (including Indian Languages) can you read, write or speak. Give particulars and State examinations passed in each language.

Read only	Speak only	Read and speak	Read, write and speak	Examination passed

16. Have you been employed ? Give particulars below.

Name of employer	Date of		No. of Day(s), Month(s) & year(s)			Nature of employment with designation	Salary & Grade
	Joining	Leaving	DD	MM	YY		

17. Are you a Government servant at present ?  
(Answer 'Yes' or 'No') if yes, state whether  
your appointment is temporary or permanent.

18. Are you willing to accept the minimum initial pay  
offered? If not state what is the lowest initial pay that  
you would accept in the prescribed scale.

19. If selected what notice period you require before joining.

20. Particulars of the posts under the C. S. I. R. for which you were an applicant.  
(a) Name of the post and Laboratory:  
(b) Advertisement No:  
(c) Result:

## 21. References

[They should be residents in India and holders of responsible positions. They should be intimately acquainted with the applicant's character and work but must not be relations. When the candidate has been in Employment, he should either give his present or most recent employer or immediate superior as a referee or produce a testimonial from him in regard to the candidate's fitness for the post for which he/she is an applicant]

1. Name

Occupation or position



Address

2. Name

Occupation or position

Address

3. Name

Occupation or position

Address

---

22. Copies of testimonials from

- 1.
- 2.
- 3.

Attested copies of not more than three testimonials should be submitted.

Original testimonials should not be submitted unless asked for.

---

23. Any additional qualifications such as membership of Scientific Societies may be mentioned here.

---

24. List of enclosures

1. Number, date amount of the Indian Postal Order enclosed.
- 2.
- 3.

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

Candidate's Signature \_\_\_\_\_

---

Candidate already employed should get the following endorsement signed by his/her present employer.

ENDORSEMENT BY THE HEAD OF THE DEPARTMENT OR OFFICE

No. \_\_\_\_\_

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

Full Signature \_\_\_\_\_

Designation \_\_\_\_\_

**To be filled up by candidate in his/her own handwriting**

**SYNOPSIS**

Post :- \_\_\_\_\_ Laboratory: CSMCRI, Bhavnagar Advt No.:- \_\_\_\_\_

Name:- \_\_\_\_\_

Date of birth:- Year \_\_\_\_\_ Month \_\_\_\_\_ -Days \_\_\_\_\_

<u>Qualifications:-</u>	Degree	Class	Percentage	Year	University
-------------------------	--------	-------	------------	------	------------

Main areas of Specialization:-  
(Not more than two)

<u>Employment :-</u>	Designation	Period	Grade	Employer
----------------------	-------------	--------	-------	----------

Present pay and grade:-

Date of next increment :-

<u>Publications</u> (Nos.)	
	1. Single authorship papers
	2. Multiple authorship papers (as senior author)
	3. Multiple authorship papers (as team member)
	4. Papers read before national conferences
	5. Papers read before international conferences.
	6. Reports
	7. Monographs
	8. Review articles
	9. Books
	10. Patents
	11. Others (Specify)

Prizes/Honours/Awards/Distinctions-  
(only important awards etc)

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

Signature of the candidate