

INSTITUTE OF MICROBIAL TECHNOLOGY

(Council of Scientific & Industrial Research)
Sector 39-A, Chandigarh – 160 036, INDIA

ADVERTISEMENT NO.1/2010

IMTECH Website: www.imtech.res.in

(APPLY BEFORE 31ST JANUARY, 2010)

The Institute of Microbial Technology (IMTECH) is a constituent R&D establishment of the Council of Scientific and Industrial Research (CSIR). Applications for **scientific positions** are invited by the institute, which is engaged in research in many different areas of modern biological sciences and microbe-related biotechnology, with special emphasis on research and development of an interdisciplinary nature, as exemplified by the broad areas, below –

- *Protein Science & Engineering*
- *Infectious Diseases*
- *Bioinformatics & Molecular Modelling*
- *Molecular Biology & genetics, including metagenomics*
- *Immunology and Cell biology especially electrom microscopy*
- *Veterinary Science with special emphasis on small animal breeding and maintenance*
- *Biochemical Engg. & Fermentation Science, including metabolic and pathway engineering in microbes*
- *Biosensors & Nanotechnology for Diagnostics & Therapeutics*
- *Instrumentation Support Scientists/Engineers*

to fill up 14 available positions of Scientists, at the under-mentioned levels:

<u>Post No.1 – Scientist-F Gr. IV(5)</u> - (02 Posts - Unreserved) Pay Band: Rs.37400-67000 + Grade Pay: Rs.8900 (TE: Rs.80,000/- p.m. approx.)	
Age:	Not exceeding 50 years <u>as on 31.01.2010.</u>
Essential Qualification:	Ph.D with 10-years postdoctoral experience OR 1 st Class M.Tech with 11-years experience OR 1 st Class M.Sc with 13-years research experience.
<u>Post No.2 – Scientist-E.II Gr. IV(4)</u> - (02 Posts - Unreserved) Pay Band: Rs.37400-67000 + Grade Pay: Rs.8700 (TE: Rs 72,000/- p.m. approx.)	
Age :	Not exceeding 45 years <u>as on 31.01.2010</u>
Essential Qualification:	Ph.D with 7-years postdoctoral experience OR 1 st Class M.Tech with 8-years experience OR 1 st Class M.Sc with 10-years research experience.

Post No.3 – Scientist-EI Gr. IV(3) - (06 Posts - Unreserved) Pay Band: Rs.15600-39100 + Grade Pay Rs.7600 (TE: Rs 50,000/- p.m. approx.)	
Age :	Not exceeding 40 years <u>as on 31.01.2010</u>
Essential Qualification:	Ph.D with 4-years postdoctoral experience; OR M.Tech. with 5-years experience; OR 1 st Class M.Sc. with 7-years research experience.
Post No.4 – Scientist-C Gr. IV(2) - (02 Posts – Unreserved) Pay Band :Rs.15600 -39100 + Grade Pay Rs.6600 (TE: Rs.40,000/- p.m. approx.)	
Age :	Not exceeding 35 Years <u>as on 31.01.2010</u>
Essential Qualification:	Ph.D with 1–year postdoctoral experience; OR M. Tech with 2-years experience; OR 1 st Class M. Sc with 3-years research experience.
Post No.5 – Scientist-B Gr. IV(1) - (02 Posts – 01 post Unreserved and 01 post reserved for OBC) Pay Band: Rs.15600-39100 + Grade Pay Rs.5400 (TE: Rs.33,000/- p.m. approx.)	
Age :	Not exceeding 35 years <u>as on 31.01.2010</u>
Essential Qualification:	Ist class M.Sc/B.E/B.Tech. OR equivalent qualifications; OR M.Tech.; OR Ph.D.

In addition to the above, Institute also invites application for 02 positions of Scientists in specific areas of Instrumentation and Veterinary Science, as per details given below:

Post No.6 – Scientist-C Gr. IV(2) (Instrumentation) - (01 Post - Unreserved) Pay Band: Rs.15600-39100 + Grade Pay Rs.6600 (TE: Rs.40,000/- p.m. approx.)	
Age :	Not exceeding 35 Years <u>as on 31.01.2010</u>
Essential Qualification:	Ph.D in Electronics and Instrumentation with 1-year experience; OR M.Tech/M.E in Electronics and Instrumentation with 2-years experience; OR 1st Class B.E./B.Tech in Electronics and Instrumentation with 3-years experience in the area of specialization asked for.
Desirable:	Experience in maintenance and operation of sophisticated analytical equipments for R and D. Development of operating software(s) for equipments.
Job Description:	Routine maintenance of laboratory instruments, telephone exchange, public address system , fire fighting system and other such type of facilities

Post No.7 – Scientist-B Gr. IV(1) (Veterinarian) - (01 Post - Unreserved) Pay Band: Rs.15600-39100 + Grade Pay Rs. 5400 (TE: Rs.33,000/- p.m. approx.)	
Age :	Not exceeding 35 years <u>as on 31.01.2010</u>
Essential Qualification:	1 st Class M.V.Sc. (Master degree in Veterinary Science) OR Ph.D in Veterinary Science
Desirable:	2-3 years Experience in care, handling, breeding and maintenance of laboratory animals, particularly inbred strains.
Job Description:	This is a service position in which the incumbent will be involved in the maintenance of a modern animal house facility for biomedical research. The duties include procurement, breeding and supply of laboratory animals required for research in the Institute.

Areas of Work in Research and Development: Apply if you are working in any frontline area of modern Biology e.g., Structural Biology, Infectious Diseases & Immunity, Microbial Genetics and Physiology, Synthetic and Systems Biology, Microbial Diversity and biotransformations. Some of the specializations in which we are seeking applications include: Biology and physiology of extremophiles, fundamental immune mechanisms, structure-function relationships of proteins and enzymes, Biology of pathogenic Micro organisms, Bacterial and fungal genetics/epigenetics/genomics, molecular parasitology, structural and systems biology, synthetic biology, Design & modeling of metabolic Pathways and their *in vivo* engineering, Evolutionary and population biology of microbes, and all upcoming areas of mammalian and microbial fermentations, nanotechnology in Microbiology, environmental biotechnology, modern electron microscopy, mass spectrometry and NMR of proteins /peptides, modern approaches in bio-organic chemistry including biotransformations, etc.

Job description {for Posts No. 1, 2, 3, 4 & 6 viz. Scientist-F Gr.IV(5) to Scientist-C Gr.IV(2)}: These are scientific positions for independent investigators requiring the capacity to generate new and exciting ideas and/or technical approaches and take them to fruition. Participation in team-work and ability to interact with research groups in other related areas is also highly desirable.

{for Post No. 5 & 7 viz. Scientist-B Gr.IV(1)}: Scientists in this category would be expected to work as part of a group.

Desirable (for all positions): It is desired that applicants have a demonstrated record of scientific accomplishment in the form of either (i) peer-reviewed publications in scientific journals of high international standing, and/or (ii) internationally valid patents, in addition to indications of independence in scientific conceptualization and implementation. Candidates should **submit letters of commendation from at least three, but preferably five, professional referees addressed directly to the Director, IMTECH under sealed cover/E-mail.**

Essential (for all positions):- Candidates must specify the level/post for which they wish to be considered, keeping in mind that they need to fulfill the essential qualifications detailed above for any post that they are applying for. Candidates may be considered simultaneously at multiple levels; however, separate applications must be made for each

level/post. Irrespective of this, the Institute also reserves the right to consider an application based on its merit in a higher or lower level/ post, based on the recommendations of the Screening Committee.

IMPORTANT:-

Candidates are required to submit **a brief (2-3 pages on A-4 size paper) write-up on their vision and ideas clearly if offered the post**, as relevant to the level/post and area/specialization they are applying for.

Age and experience will be reckoned as on the last date fixed for receipt of application form (i.e., **31st January, 2010**).

The period of R&D experience in a discipline or area of work shall be counted from the date of acquiring the minimum prescribed educational qualification for the post.

Relaxation in age, qualification and/or experience (both departmental and outsiders) may be considered in case of exceptionally meritorious candidates with prior approval of the Competent Authority.

Higher initial pay could be considered for exceptionally meritorious candidates.

Candidates of Indian Origin settled abroad of proven merit, as evidenced by their research work/publications, if found suitable for the post applied, may be considered by the Screening/Selection Committee, *in absentia*, on specific request of the candidate.

Benefits & Prospects under IMTECH(CSIR):

The posts carry usual allowances i.e., DA, HRA, and Transport Allowance etc. as admissible to Central Govt. Employees posted in Chandigarh. In addition to the emoluments, benefits such as Defined Contribution Pension Scheme, Leave Travel Concession, Reimbursement of Medical expenses for self and dependents, Conveyance Advance, House Building Advance etc. are available as per CSIR rules, as applicable to the employees of CSIR. Council accommodation will be allotted as per priority to be reckoned from the date of joining/availability, in which case HRA will not be admissible.

Scientists in Group-IV(2): Rs.15600-39100+Grade Pay Rs.6600 **and above** will be entitled to **two advance increments** (without DA) as Special Pay. Scientists at Sr. No.1 & 2 are also eligible for Professional Update Allowance of Rs.20,000/- per annum and Sr. No.3 to 7 @ Rs.10,000/- per annum. A Scientist can also **augment his/her income with earnings** by way of honorarium/Intellectual fees from consultancy/technical services and R&D sponsored projects undertaken by the laboratory, as per CSIR rules.

CSIR/IMTECH offers **excellent accelerated track promotions** based upon excellence in R&D performance.

Candidates on appointment, also have the opportunity to pursue Ph.D work with an external registration (wherever admissible).

Relaxations:

Relaxation in age limit upto 5 years for the post of Scientists only, allowed to the candidates working in CSIR/Labs./Instts. OR Government/Autonomous Bodies/Public

Sector Employees in accordance with the instructions and orders issued by the CSIR/GOI from time to time in this regard.

Upper age limit relaxable by 5 years in the case of SC/ST and by 3 years in the case of OBC candidates for the posts which are reserved for the respective category. Relaxation in Upper age will be given to PWDs candidates as per CSIR/GOI orders issued from time to time. Relaxation of upper age limit for Ex-servicemen is admissible as per rules. 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 of 01/01/1980 to 31/12/1989 subject to production of a certificate from the District Magistrate in the Kashmir Division within whose jurisdiction he had ordinarily resided; OR from any other authority designated in this behalf by the Government of J&K.

Relaxation in age, qualification and/or experience prescribed, may be allowed by the Competent Authority where sufficient numbers of candidates are not likely to be available for filling up of the posts.

General conditions/Information:

The number of vacancies under each code is provisional and may vary.

The qualifications prescribed should have been obtained through recognized Universities/Institutions.

Candidates desirous of applying for more than one level (post) should submit **SEPARATE APPLICATION FOR EACH LEVEL (POST)** along with requisite application fee. Applications not accompanied with prescribed fees and incomplete applications will be summarily rejected.

The prescribed Essential Qualifications are a bare minimum and mere possession of same will not entitle the candidates to be called for interview. Where number of applications received in response to an advertisement is large, it may not be convenient or possible for the Institute to interview all the candidates and, therefore, the number of candidates to be called for interview may be restricted to a reasonable limit, on the basis of qualifications and experience higher than that of the minimum prescribed in the advertisement. The candidates should, therefore, furnish all the qualifications and experience possessed in the relevant field, over and above the minimum qualifications prescribed.

Those employed in Govt. Deptt./PSUs /Autonomous Bodies should send their applications through proper channel (advance copy of application should reach before the last date) with a clear certificate that (i) no vigilance case is pending/being contemplated against him/her (ii) the applicant will be relieved within one month of receipt of appointment offer if he is selected.

Outstation candidates called for interview will be paid to and fro single second class rail fare/ ordinary bus fare from the normal place of their residence or that declared in the application or from the actual place of undertaking the journey, whichever is nearer to the place of the interview as per rules.

How to Apply: Application forms can be directly downloaded from <http://www.imtech.res.in> (OR) can be had from Controller of Administration, IMTECH, at the address mentioned above, in person or by sending a request alongwith a self-addressed envelope of the size of 23x11cms affixed with postage stamps of Rs.10/-.

Requests for issue of application forms by post received after **31.01.2010** will not be entertained. Completed applications in all respects, in the prescribed form accompanied by attested copies of certificates, testimonials in support of age, educational qualifications, experience, etc. mentioned in the application, along with non-refundable application fee of Rs.100/- (*US\$25 in case candidate applying from abroad*) for general and OBC category candidates (**NO application fee for Scheduled Caste/Scheduled Tribe candidates/PWDs candidates and regular employees of CSIR**), by means of DD (**issued by State Bank of India only except for the candidate applying from abroad**) valid for at least 6 months, drawn in favour of the “**Director, IMT, Chandigarh**” payable at State Bank of India, Sector-30 Br., Chandigarh, should be sent to the **Controller of Administration, Institute of Microbial Technology, Sector 39-A, Chandigarh-160 036** so as to reach **on or before 31.01.2010.**

Synopsis-sheet to be submitted by email: In addition to submitting the hard copy of application form, the candidate is also required to fill up his particulars in the synopsis-sheet available on IMT website *in MS-WORD*, and email to synopsis2010@imtech.res.in as attachment. This is **MOST-URGENT**.

Canvassing in any form and or/bringing in any influence, political or otherwise will be treated as a disqualification for the post. Interim enquiries will not be attended to.

To know more about IMTECH, visit us at the IMTECH Website: www.imtech.res.in

Controller of Administration

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Synopsis Sheet (Advt. No. 01/2010)

<u>Post of Scientist for which applied</u>	<u>Name & Address of the candidate</u>	<u>D.O.B./Age as on 31.1.2010</u>	<u>Whether SC/ST/OBC/UR</u>	<u>Qualification (from M.Sc. onwards with Divn., %age of marks/CG PA and name of University)</u>	<u>Experience</u>	<u>Demand Draft NO. and Dated</u>	<u>Name of three Professional Referees</u>	<u>Whether Letter of Commendations sent/mailed to the Director, IMTECH</u>

Note : Pl. fill in the synopsis sheet in MS Word and email as attachment to synopsis2010@imtech.res.in , also fill the application form below in MS-Word itself and send the hard copy of properly filled application form to us.

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सूक्ष्मजीव प्रौद्योगिकी संस्थान

सेक्टर 39-ए, चण्डीगढ़ -160 036

INSTITUTE OF MICROBIAL TECHNOLOGY SECTOR 39-A, CHANDIGARH - 160 036 (UT)

चयन द्वारा नियुक्ति हेतु आवेदन का प्रपत्र
FORM OF APPLICATION FOR APPOINTMENT BY SELECTION

नवीनतम हस्ताक्षरित
पासपोर्ट आकार की
फोटो चिपकाएं।
Affix recent signed
passport size
photograph

अभ्यर्थी द्वारा भरा जाए /To be filled in by the candidate		कार्यालय उपयोग के लिए/ For Office use
विज्ञापन संख्या..... Advt.No. _____	आवेदन शुल्क का विवरण: Particulars of application fee (Rs.)	डी डी राशि/D.D. for Rs. _____ निकाला गया/REMOVED
आवेदित पदनाम Post applied for _____	डी.डी.सं/D.D.No. _____ तारीख/Date _____	तारीख/Date _____ कृते अनुभाग अधिकारी/For Section Officer
पद कोड (यदि कोई हों) Post Code (if any) _____	जारी करने वाले बैंक एवं शाखा का नाम Name of the Issuing bank & Branch	भर्ती अनुभाग/Rectt. Section.

1. पूरा नाम (स्पष्ट अक्षरों में)

(महिला अभ्यर्थी अपने नाम के पहले 'कुमारी' अथवा 'श्रीमती' अवश्य लिखें).

Name in full (IN BLOCK LETTERS)

(In the case of female candidate, the appropriate prefix 'Miss' or 'Mrs' should be used)

2. पिता/पति का नाम

Father's /Husband's Name.....

3. जन्म तिथि एवं स्थान (क) तिथि/Date.....स्थान/Place

.....
Date and place of birth

(ख) आयु 31.01.2010 तक/Age as on 31.01.2010.....

4. पता/Address (क)पत्राचार हेतु/
Correspondence.....

दूरभाष Telephone No..... ई-मेल/E-mail

(ख) स्थायी Permanent

.....

5. क्या आप जन्म अथवा अधिवास से भारत के नागरिक हैं? Are you a citizen of India by birth or by domicile?
.....

6. उस राज्य का नाम जिसके आप निवासी हैं/Name of State to which you belong :
.....

7. क्या आप अनुसूचित जाति/अनुसूचित जन जाति/अन्य पिछड़ा वर्ग के हैं? यदि हां, तो अपने दावे SC
के समर्थन में प्रमाण पत्र अनुप्रमाणित प्रति संलग्न करें। ST
State whether you are a member of Scheduled Caste/Scheduled Tribe/Other Backward Class OBC
If so, attach an Attested copy of the certificate in support of your claim GEN
(उचित वर्ग में सही का निशान लगाए/Tick the appropriate Category/ies) PH

8. क्या आप आईएमटी/सीएसआईआर के किसी कर्मचारी के संबंधी हैं? यदि हां, तो कृपया इसका ब्यौरा दें।
Are you related to any employee(s) of the IMT/CSIR? If so, give details :
.....
.....

9. -शैक्षणिक/व्यावसायिक अर्हताएँ/Educational/ Professional Qualifications:

उत्तीर्ण परीक्षा / Exam. Passed	श्रेणी/ग्रेड तथा अंकों की प्रतिशतता Division/ Grade & % age of marks	परीक्षा उत्तीर्ण का वर्ष Year of Passing	डिग्री/डिप्लोमा की अवधि Duration of the Degree Diploma	बोर्ड/विश्वविद्यालय Board/Univ	विषय/Subject(s)

10. रोजगार का ब्यौरा (कालक्रम में) / Details of employment (in chronological order):-

संगठन Organization	धारित पद Post Held	वेतनमान तथा अंतिम आहरित वेतन Scale of pay and last pay drawn	निश्चित तिथि दी जाए Exact dates to be given		कुल अवधि वर्षों में Total period (in service)	कार्यो की प्रकृति Nature of duties
			कब से From	कब तक To		

11. क्या आप इस वेतनमान के न्यूनतम प्रारंभिक वेतन स्वीकार करने हेतु इच्छुक हैं? यदि नहीं तो कृपया बताएं कि निर्धारित वेतनमान में आप कितना वेतन स्वीकार करेंगे

Are you willing to accept the minimum initial pay of the scale? If not, state, what is the lowest initial pay that you would accept in the prescribed pay scale :

12. कोई अतिरिक्त अर्हता यथा-व्यावसायिक सोसाइटियों की सदस्यता; पुरस्कार एवं सम्मान आदि

Any additional qualification such as membership of professional societies; awards and honours etc:

13. क) वैज्ञानिक जर्नलों में प्रकाशित प्रकाशनों की संख्या a) No. of Publications published in scientific journals

ख) फाइल किए गए तथा स्वीकृत पेटेंटों की संख्या b) No. of patents filed and granted :

14. संलग्नको की सूची/List of enclosures :

घोषणा/DECLARATION

मैं..... एतद्वारा घोषणा करता हूँ कि आवेदन पत्र में दिया गया विवरण मेरी जानकारी तथा विश्वास के अनुसार सत्य, पूर्ण तथा उचित है और यदि मेरे द्वारा दी गई कोई सूचना गलत अथवा अनुचित पाई जाती है अथवा चयन से पूर्व अथवा बाद में किसी अपात्रता का पता चलता है तो मेरी अभ्यर्थिता रद्द की जा सकती है और मेरे विरुद्ध कार्रवाई की जा सकती है।

I..... hereby declare that the statements made in the application are true, complete and correct to the best of my knowledge and belief and in the event of any of the information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled and action initiated against me.

स्थान/Place:

अभ्यर्थी के हस्ताक्षर/Candidate's signature

तिथि/Date:

पूरा नाम/ Full name).....

सेवारत अभ्यर्थी अपने वर्तमान नियोक्ता से निम्नांकित पृष्ठांकन पर हस्ताक्षर करवाए

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

विभागाध्यक्ष अथवा कार्यालय प्रधान द्वारा पृष्ठांकन/Endorsement by the Head of the Department or Office

संख्या/No

तिथि/Date.....

पूर्ण हस्ताक्षर/Full Signature.....

पदनाम/Designation.....

मुहर/Stamp.....