

INDIAN COUNCIL OF MEDICAL RESEARCH

Applications are invited up to **10th Sept., 2015** for the 7 posts of Scientist 'E' in the pay Band-4 of Rs.37400-67000 + Rs.8700 (Grade pay) at the ICMR's following Institutes/Centres:-

**(I) Vector Control Research Centre (VCRC), Pondicherry
Scientist-E (Medical) - (one post)**

Qualification & Experience:

Essential:-

(i) MBBS degree recognized by MCI or equivalent degree from a recognized university with ten years R&D/teaching experience in epidemiology/Public Health, Microbiology and Preventive and Social Medicine or Clinical Medicine. (ii) Out of which 3 years experience in managerial position to handle R&D projects in a team effectively in a directing capacity.

Desirable:

- (i) MD in Community Medicine/Social & Preventive Medicine/General Medicine/Microbiology from a recognized University OR Masters in Public Health or epidemiology with first class relevant degree.
- (ii) Additional Post doctoral research/teaching experience in relevant fields especially Vector Borne Diseases/Public Health/Infectious diseases as evidenced by Publications in PEER reviewed journals.
- (iii) Knowledge of Computer Applications.

Job Requirements:

The incumbent is expected to lead the Research project team and should have the capability to formulate, execute and interpret Scientific Research works on Vector borne diseases. The candidate should be willing for both field and clinic-based works. The incumbent is also expected to have a good knowledge on the application of epidemiological tools in diagnosis, control of vector borne/communicable diseases and software like Epi-info, SPSS, etc. The incumbent should be willing to get involved in the training of Post-Graduate students in the field of Public Health, vector borne diseases and evaluation of Public Health Programmes and epidemic investigations in collaboration with the respective State Health Department.

**(II) National Institute of Malaria Research (NIMR), New Delhi:-
Scientist-E (Medical) - (one post)**

Qualification & Experience:

Essential :-

(i) MBBS Degree recognized by MCI or equivalent degree from a recognized or equivalent degree from a recognized University with 10 years R&D/ Teaching experience in the required subject after MBBS degree. (ii) Out of which 3 years experience in managerial position to handle R&D projects in a team effectively in a directing capacity.

Desirable Qualifications:

- i) Master degree in Epidemiology/Public Health Or MD in Preventive & Social Medicine/ Community Medicine/ Pharmacology/ Microbiology/ Medicine / Pediatrics from a recognized university for candidates with first class relevant degree.
- ii) Additional Post doctoral research/teaching experience in Epidemiology, Public Health or in Community Medicine/ Preventive & Social Medicine and training in Vector borne diseases and experience in relevant subjects in recognized Institute(s).
- iii) Knowledge of Computer Applications.

Job Requirements:

The incumbent would be required to (i) carry out field investigations of malaria epidemics in different parts of the country. (ii) Study epidemiological profile & distribution of malaria. (iii) Help in malarigenic stratification and modeling. (iv) Research on chemotherapeutic and parasitological aspects of malaria.(v) He will be involved in development evaluation system of malaria control strategies with different methods of malaria control. (vi) Participate in teaching programmes and (vii) any other duties assigned by the Director.

**(III) Desert Medicine Research Centre, (DMRC), Jodhpur
Scientist -E (Medical) - (one post)**

Qualification & Experience:

Essential :-

(i) Post graduate degree (MD in Medicine/Community Medicine/ PSM/ Pediatrics/ Obstetrics & Gyneacology) with seven years R&D/teaching experience in the required subject areas from a recognized university. (ii) Out of which 3 years experience in managerial position to handle R&D projects in a team effectively in a directing capacity.

Desirable Qualification:

- (i) Additional Post doctoral research/teaching experience in relevant subjects in recognized institute(s)
- (ii) Knowledge of Computer Applications or Business Intelligence tools/ Data Management.

Job Requirements:

Planning, designing and conducting operational and clinical research. The job would require extensive travel in Rajasthan and outside Rajasthan as per requirements.

(IV) National Institute for Research in Tuberculosis (NIRT), Chennai Scientist - E (Socio Behavioural Sciences)- (one post)

Qualification & Experience:

Essential :-

- (i) First Class Master's degree in the sociology, psychology and anthropology from a recognized university with 10 years R&D/teaching experience in the relevant subject after 1st Class Master's Degree. (ii) out of which 3 years in a managerial position to handle R&D projects in a team effectively in a directing capacity.

Or

Second class M.Sc + Ph.D degree in the relevant subject from a recognized University with 10 years R&D/teaching experience in the relevant subject after M.Sc.+ Ph.D. (ii) out of which 3 years in a managerial position to handle R&D projects in a team effectively in a directing capacity.

Desirable qualifications:

- (i) Doctorate Degree in relevant science from a recognized university
- (ii) Additional Post doctoral research/teaching experience in the above mentioned subjects in recognized institute(s)
- (iii) Knowledge of Computer Applications

Job Requirement:

The National Institute for Research in Tuberculosis (Formerly Tuberculosis Research Centre (TRC) is a permanent institute under the Indian Council of Medical Research (ICMR) is an internationally recognized institution for Tuberculosis (TB) research. It is a Supranational Reference Laboratory and a WHO Collaborating Centre for TB Research and Training. Recently, an International Centre for Excellence in Research (ICER) in collaboration with NIH was established at the Centre.

The Department of Social and Behavioural Research is an integral part of the NIRT. Their roles are diverse from being supportive in all the clinical trials conducted in the centre as well as focusing on crucial social behavioural studies in TB and HIV. They also play a crucial role in counseling of TB patients and families, psychosocial support individual and group sessions and have been successful in rehabilitating TB and HIV patients and their families. The scientist should have strong observation and communication skills, with necessary experience as evidenced by relevant publication. The scientist is expected to participate in planning, implementation and reporting of research in Socio behavioural science and related fields and will be responsible for

undertaking related studies in any part of India and any other responsibilities assigned by the Director.

(V) National Institute of Cholera & Enteric Diseases (NICED), Kolkata

(a) Scientist-E (Pathophysiology) (Non-Medical)- One post

The research work of the Division of Pathophysiology of NICED is related to the understanding of pathogenesis of different diarrhoeagenic bacteria, development of candidate vaccine, Super ORS and use of proper antibiotics against diarrhea. The pathophysiology work carried out in the institute currently includes studying the intracellular signal transduction pathway involved in the induction of intestinal secretion by E.coli heat-stable toxin(STa), the involvement of CaSR in the intracellular signaling mechanism of virulence factors secreted by different enteric bacteria, rat perfusion model hemagglutinin Proteases and its importance as a virulence factor of these strains.

Apart from this, the scientists of the division are also involved in teaching and other academic activities of different Universities and professional societies in India. A large number of students are trained in this laboratory for their Ph.D/M.Sc./M.Tech. program. Several collaborative projects are also going on with many National and International Scientists of different Organizations and Institutes.

Essential Qualification

Experience:

(i) First Class Master's degree in Physiology/Biochemistry/Zoology/ Microbiology and other related subjects in Life Science from a recognized University with 10 years R&D/teaching experience in the relevant subject after Ist Class Master's Degree. (ii) Out of which 3 years in a managerial position to handle R&D projects in a team effectively in a directing capacity.

Or

Second Class M.Sc.+ Ph.D degree in Physiology/Biochemistry/Zoology/ Microbiology and other related subjects in Life Science from a recognized University with 10 years R&D/teaching experience in the relevant subject after M.Sc+Ph.D. (ii) Out of which 3 years in a managerial position to handle R&D projects in a team effectively in a directing capacity.

Desirable Qualification:

- i) Doctorate degree in the above mentioned subject from a recognized University for candidates with First class relevant degree.
- ii) Additional Post Doctoral research/teaching experience from recognized institute(s) in human intestinal physiology, pathophysiology during enteric infection, therapies for intestinal disorders in humans, proficiency in cutting-edge biology techniques.
- iii) Experience in conducting independent research in the above mentioned field reflected through publications in peer reviewed journals as corresponding author.

Job Requirements:

- i) To plan and perform independent research in pathophysiology of gut infection processes for therapeutic purposes.
- ii) To engage in collaborative research at different levels.
- iii) To assist in building institutional infrastructure, project development and resource generation.
- iv) To prepare reports, updates and other documents relevant to area of work.

(b) Scientist-E(Epidemiology)(Medical) - One post

Epidemiology division of NICED, has been involved in research projects on epidemiology of diarrhea-observational, intervention and operational research projects like micronutrient supplementation and albendazole administration to children and its impact on growth and diarrhoeal incidence.

NICED in collaboration with International Vaccine Institute, Seoul, Korea has carried out research to generate accurate epidemiologic, socio-behavioral, and economics data on typhoid fever and cholera in impoverished slum area populations of eastern Kolkata in preparation for field trials of vaccines against these two diseases. NICED has undertaken a large community based randomized placebo-controlled blinded trial to study the efficacy of probiotic in preventing diarrhoeal diseases among the children 1-5 years of age, in collaboration with Yakult Honsha, Japan. A multicentric diarrhoeal diseases burden study among under 5 years children is ongoing in collaboration with University of Maryland. In the coming years the Epidemiology Division of NICED is planning to undertake several vaccine trials.

Apart from this, the scientists of the Division are also involved in teaching and other academic activities of different Universities and professional societies in India. A large number of students are trained in this laboratory for their Ph.D/M.Sc./M.Tech. program. Several collaborative projects are also going on with many National and International Scientists of different Organizations and Institutes.

Essential Qualification:

Experience:-

(i) Post Graduate degree (MD/DNB) in Community Medicine/Internal Medicine/Tropical Medicine/Pediatric Medicine with seven years R&D/teaching experience in epidemiology or public health or post graduate diploma in above mentioned branches of Medicine with 8 year R&D/teaching experience in epidemiology or public health from recognized university. (ii) Out of which 3 years in a managerial position to handle R&D projects in a team effectively in a directing capacity.

Or

MBBS degree recognized by Medical Council of India or equivalent degree from recognized University with 10 years R&D/Teaching experience in the above mentioned subjects after MBBS degree. (ii) Out of which 3 years in a managerial position to handle R&D projects in a team effectively in a directing capacity.

Desirable Qualification:

- i) Ph.D/MAE/MPH degree in epidemiology or public health from a recognized University.
- ii) Additional Post doctoral research/teaching experience in epidemiology/public health from a recognized university/institute.
- iii) Knowledge of Computer application/Data management/statistical analysis and interpretation.
- iv) Experience in conducting independent research in the field of epidemiology/public health reflected through publication in peer reviewed journals as first or corresponding author.

Job Requirements:

- (i) To plan and perform independent research in epidemiology and public health related to diarrhoeal diseases.
- (ii) To engage in the collaborative research in the field of community based research and intervention studies.
- (iii) To assist in project development resource generation and development of infrastructural facilities of the institute.
- (iv) To prepare reports, updates and other documents relevant to area of work.

**(VI) Institute of Cytology & Preventive Oncology (ICPO) Noida
Scientist-E (Gynaecology) - One post**

Essential Qualification:

Experience: -

(i) Post graduate degree (MD/MS/DNB) with seven years R&D experience or Postgraduate diploma in medical subjects with eight years R&D experience in the Gynecology subject from a recognized university. (ii) Out of which 3 years in a managerial position to handle R&D projects in a team effectively in a directing capacity.

Or

MBBS degree recognized by MCI or equivalent degree from a recognized University with 10 years R&D experience in the Gynecology subject after MBBS degree. (ii) Out of which 3 years in a managerial position to handle R&D projects in a team effectively in a directing capacity.

Desirable Qualification:

- (i) Doctorate in relevant science subject or MD in related subject from a recognized university for candidates with first class relevant degree.
- (ii) Additional Postdoctoral research experience in relevant subject in recognized Institute(s).
- (iii) Knowledge of Computer Applications.

Job Requirements:

Should be able to provide good leadership in planning & carrying out clinical, therapeutics & epidemiological research on different types of premalignant lesions of gynaecological cancers as well as other cancers chosen by Institute as a priority, patient management, field work, follow up and teaching & training programmes.

Notes:

1. MD/MS/MDS/Ph.D in the relevant subject shall be treated equivalent to three years experience.
2. Postgraduate Diploma in medical subjects in the relevant subjects shall be treated equivalent to two years experience.
3. DM/MCh degree in the relevant subjects shall be treated equivalent to three years additional experience.

AGE:

Not exceeding 50 years. Relaxable up to 5 years for Government servants and SC/ST and 3 years for OBC candidates in accordance with the instructions issued by the Department of Personnel and Training from time to time in this regard. However, the prescribed age may be further relaxed in exceptional cases for experienced and qualified candidates.

One time age relaxation is also allowed to Scientific and Technical staff working in long term projects in ICMR Institutes/Centres for posts advertised under HRSC, 2007 provided they meet the essential qualifications and experience for the post with a view to provide them an opportunity to compete with other candidates as per the Council's letter No.6/1/2007-Admn.II dated 28.03.2011.

General Relaxation Clause:

Age, qualification and experience will be relaxable in deserving cases as mentioned in the Recruitment Rules of Health Research Scientists Cadre of ICMR, 2007 under Rule 14 and Note 1 & 2 of Schedule-III.

Other Service Conditions:

- (1) Pay Band-4 Rs.37400-67000+Rs.8700/- (Grade Pay)
- (2) Allowances as per Central Government Rules are admissible on the above pay scale.
- (3) Benefits of new restructured defined contributory pension system are admissible as per the provision contained in the Ministry of Finance, Department of Economic Affairs (ECD & PR Division) Notification No.05/07/2003-ECD & PR dated 22.12.2003 effect from 1.1.2004.
- (4) Private practice is not allowed. However, non-practicing allowance is admissible to medical graduates only as per rules.
- (5) Applications from employees working in Central/State Govt. Departments/Public Sector Undertakings and Govt. funded research agencies must be forwarded through proper channel. Advance copies of application will be considered subject to the condition that a "No Object Certificate" from the employer is produced at the time of personal discussion. Application received after the closing date will not be considered. Candidates called for personal discussion/interview have the option to answer in Hindi also.

How to apply:

- (1) Application forms and other information can be downloaded from ICMR's website www.icmr.nic.in on or before the closing date.

- (2) Application forms duly completed in all respects and signed by the applicant should be sent to the Director General, Indian Council of Medical Research, V.Ramalingaswami Bhawan, Ansari Nagar, Post Box No. 4911, New Delhi -110029 on or before the closing date.
- (3) Documents to be enclosed with the application form (copies attested by Gazetted Officer)
- i) Proof of Date of Birth
 - ii) Educational qualification
 - iii) Experience
 - iv) List of Publications with impact factor & citation: role in clinical & Therapeutic/public health impact of contribution of candidate, list of extramural projects whether R&D sponsored/contractual and whether as PI/Co-Investigator.
 - v) Crossed Indian Postal Order (IPO) for Rs.100/- (Rupees one hundred only) payable to the Director General, Indian Council of Medical Research, New Delhi. SC/ST/ Physically Handicapped (PH candidates) candidates and Women candidates are exempted from the application fee. IPOs are payable by all other candidates including ICMR employees.

4. Unsigned/Incomplete application or application without supportive evidence asked for/without postal order, or application received late are liable to be summarily rejected.

Note:

- (1) If no suitable candidate is found at Scientist 'E' level, the post can be filled up at lower level i.e. Scientist 'D'.
- (2) Since it is not possible to call all the eligible candidates for the interview/personal discussion, the applicants will be short-listed for this purpose. The decision of the Director General, ICMR will be final in this regard.
- (3) Candidates called for interview will be paid a 1st class rail fare by the shortest route on production of documents.
- (4) Any canvassing by or on behalf of the candidates or to bring political or other outside influence with regard to selection/recruitment shall be disqualification.
- (5) The post is with all India transfer liability under the Council.

For activities of the above mentioned Institutes/Centres, please refer to ICMR's website at www.icmr.nic.in.