



CENTRAL POLLUTION CONTROL BOARD

APPLICATION FOR PROJECT FELLOWS

Central Pollution Control Board (CPCB) invites application for Research Associates(RA), Senior Research Fellows(SRFs) and Junior Research Fellows (JRFs) for execution of Projects sanctioned by the Ministry of Environment and Forests under National Ganga River Basin Authority (NGRBA) programmes. The duration of Project is for one year extendable upto 5 years. Interested and eligible candidates and willing to work at any one of the Centre of CPCB (Delhi, Kolkata, Lucknow, Varanasi, Allahabad, Patna, Ludhiana/ Patiala, Dehradun) may apply **before 15.06.2011**. The details can be downloaded from website of CPCB (www.cpcb.nic.in).

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F. No. B-11012/1/PCP/2010-11

Date 23.05.2011

Appointment for selection of Research Associates (RA-I), Senior Research Fellows (SRF) and Junior Research Fellows (JRF).

1. Central Pollution Control Board (CPCB) invites application for the post of Research Associates-I, Senior Research Fellows and Junior Research Fellows on purely temporary basis for execution of the following projects sanctioned by the Ministry of Environment and Forests under the programmes of National River Ganga Basin Authority (NGRBA);

S. No.	Project	Posts Requirement		
		RA	JRF	SRF
1	Elimination of Escherichia Coli and other fecal coliform bacteria through Bacteriophages and Antagonists Bacteria from River Ganga and Tributaries	10	20	-
2	In-Situ Bioremediation for Treatment of Sewage carrying Drains Joining River Ganga-Performance Evaluation of Technologies and Development of Guidelines and Protocols	8	48	-
3	Pollution Inventorisation, Assessment and Surveillance on Ganga River Basin	31	31	31
4	Water Quality of River Yamuna	2	2	-

2. The sanctioned project will be executed at the Centers of CPCB located at Delhi, Kolkata, Lucknow, Varanasi, Allahabad, Patna, Ludhiana/ Patiala, Dehradun. The essential qualifications and experience applicable for each post and in context with the requirement of projects is given below;

Project 1. "Elimination of Escherichia Coli and other fecal coliform bacteria through Bacteriophages and Antagonists Bacteria from River Ganga and Tributaries"

Post	Emoluments per Month	Essential Educational Qualification	Age Limit	Experience
Research Associate (RA-I)	16000+HRA & Medical benefits as per CPCB rules	<ul style="list-style-type: none"> • Ph.D in Bio-Technology/ Microbiology <li style="text-align: center;">OR • M.E./ M.Tech in Environmental Engineering/ Bio-Technology, Public Health Engineering 	Not exceeding 35 years	<ul style="list-style-type: none"> • Ph.D in the field of bacteriophage/ in Mass Microbial Cultures (bacteria/ bacteriophage) • For M.E/ M.Tech 3 year experience in Design of Waste Water Treatment Plant
Junior Research Fellow	12000+HRA & Medical benefits as per CPCB rules	<ul style="list-style-type: none"> • M.Sc. in; Microbiology/ Bio-technology/ Botany <li style="text-align: center;">OR • B.E/ B.Tech in Environmental Engineering/ Bio-technology 	Not Exceeding 28 years	<ul style="list-style-type: none"> • Desirable; Experience in isolation of bacteriophages/ analysis of sewage born pathogenic bacteria • Desirable; Experience in Performance studies of Sewage Treatment Plants.

Project 2. "In-Situ Bioremediation for Treatment of Sewage carrying Drains Joining River Ganga-Performance Evaluation of Technologies and Development of Guidelines and Protocols"

Post	Emoluments per Month	Essential Educational Qualification	Age Limit	Experience
Research Associate (RA-I)	16000+HRA & Medical benefits as per CPCB rules	<ul style="list-style-type: none"> • Ph.D in Chemistry/ Bio-Technology/Microbiology <li style="text-align: center;">OR • M.E./ M.Tech in Environmental Engineering/ Bio-Technology, Public Health Engineering 	Not exceeding 35 years	Ph.D and 3 years experience for M.E/ M.Tech in the field of Water Pollution Control/ Design of Waste Water Treatment Plant. Preference will be given to the candidates having exclusive working experience on; Sewage Treatment Plants, In-situ Sewage Treatment, River Water Quality Monitoring,

Post	Emoluments per Month	Essential Educational Qualification	Age Limit	Experience
				Industrial Waste Water Treatment Plants, Analysis of Sewage and Industrial samples for physico-chemical and Bacteriological parameters.
Junior Research Fellow	12000+HRA & Medical benefits as per CPCB rules	<ul style="list-style-type: none"> M.Sc. in; Chemistry, Organic Chemistry, Inorganic and analytical Chemistry/ Microbiology/ Bio-technology/ Zoology/ Botany <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> B.E/ B.Tech in Environmental Engineering 	Not Exceeding 28 years	<ul style="list-style-type: none"> Desirable; Experience in analysis of Water and Waste Water samples(Industries and Sewage) for physico-chemical and bacteriological parameter/ sewage drain monitoring/ analysis of sewage born pathogenic bacteria/ Experience in operating instruments like; Atomic Absorption Spectrophotometer, Gas Liquid Chromatography. Performance studies of sewage treatment plant/

Project 3. "Pollution Inventorisation, Assessment and Surveillance on Ganga River Basin".

Post	Emoluments per Month	Essential Educational Qualification	Age Limit	Experience
Research Associate (RA-I)	16000+HRA & Medical benefits as per CPCB rules	<ul style="list-style-type: none"> Ph.D in Chemistry/ Applied Chemistry/ Botany/ Zoology/ life sciences/ Bio-Sciences/ Microbiology <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> M.E./ M.Tech in Environmental Engineering/ Bio-Technology, Public Health Engineering 	Not exceeding 35 years	<ul style="list-style-type: none"> Ph.D in the field of Environmental Sciences/ River Water Quality Monitoring/ Analysis of Sewage and Industrial samples for physico-chemical and Bacteriological parameters/ For M.E/ M.Tech 3 year Experience in Water Pollution Control/ Design of Waste Water Treatment Plants (Sewage Treatment Plants, Industrial Waste Water Treatment Plants)/ assessment of industrial pollution and its control.
Senior Research Fellow	14000+HRA & Medical benefits as per CPCB rules	<ul style="list-style-type: none"> M.Sc, in Chemistry/ Applied Chemistry/ Botany/ Zoology/ life sciences/ Bio-Sciences/ Microbiology <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> B.E./ B.Tech in Environmental Engineering, Public Health Engineering 	Not Exceeding 28 years	Two years Experience in the field of Environmental Sciences/ Water Pollution Control/ Design of Waste Water Treatment Plants/ River Water Quality Monitoring, Industrial Waste Water Treatment Plants, Analysis of Sewage and Industrial samples for physico-chemical and Bacteriological parameters/ assessment of industrial pollution and its control.
Junior Research Fellow	12000+HRA & Medical benefits as per CPCB rules	<ul style="list-style-type: none"> M.Sc, in Chemistry/ Applied Chemistry/Botany/ Zoology/ life sciences/ Bio-Sciences/ Microbiology <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> Graduate degree in Environmental Engineering/ Bio-Technology, Public Health Engineering 	Not Exceeding 28 years	Experience in analysis of Water and Waste Water samples(Industries and Sewage for physico-chemical and bacteriological parameter)/ performance studies of sewage treatment plant/ sewage drain monitoring/ analysis of sewage born pathogenic bacteria/ operating instruments like; Atomic Absorption Spectrophotometer, Gas Liquid Chromatography/ industrial inspections/ inventories

Project 4. “Water Quality of River Yamuna”.

Post	Emoluments per Month	Essential Educational Qualification	Age Limit	Experience
Research Associate (RA-I)	16000+HRA & Medical benefits as per CPCB rules	Ph.D in Chemistry/ Botany/ Zoology/ life sciences/ Bio-Sciences/ Microbiology/ Environmental Science	Not exceeding 35 years	Ph.D in the field of Environmental Science/ Water Pollution Control. Sewage Treatment Plants, River Water Quality Monitoring, Analysis of Water and Waste Water Samples including river water for physico-chemical and Bacteriological/ Bio-logical parameters.
Junior Research Fellow	12000+HRA & Medical benefits as per CPCB rules	M.Sc, in Chemistry/ Botany/ Zoology/ life sciences/ Bio-Sciences/ Microbiology/ Environmental Science	Not exceeding 35 years	Experience in the field of Environmental Sciences/ Water Pollution Control/ River Water Quality Monitoring, Analysis of Water and Waste Water Samples including river water for physico-chemical and Bacteriological/ Bio-logical parameters.

Note:- SC/ST/OBC/PH/Ex-man/ Lady candidates shall be given age relaxation per rules.

- 3. Application Form for JRF/ SRF/ RA:** Application should indicate (1) post applied for (2) Advertisement No. & Date (3) Name of the candidate (in block letters) (4) Father's/ Husband's name (5) Date of Birth (Christian Era) (6) Whether belongs to SC/ST/ OBC/ UR/ PH/ Ex-man (7) Nationally (8) Whether age relaxation required, if yes, under which category (9) Postal Address with pin code for Correspondence (in block Letters) (10) Phone Number (11) E-mail ID (12) Educational Qualifications from Matriculation onwards:- Name of the Exam. Passed, year of passing, Name of the Board/ University, Subject, Percentage of Marks obtained, Division, Discipline in Engineering or Science (13) Details of experience & employment details in chronological order, Name of the Organization, Post held, Period (From To), pay band with fellowship, Nature of experience/ duties, total experience (14) any others information (15) Remarks.

DECLARATION: I affirm that information given in this application is true and correct. I also fully understand that if at any stage it is discovered that any attempt has been made by to conceal willfully or misrepresent the fact (s), my candidature may summarily be rejected or fellowship terminated. Signature of the candidate with date. **NOTE:- No photocopy of certificates/ Testimonial is required to enclose with application.** Affix three passport size photographs (one on application and two on Admit Card), **ADMIT CARD** (1) Name (2) Full Address for correspondence (3) Post applied for (4) Roll No. **(Sl. No. 4 to be filled by office)** (Signature of Applicant).

- 4. Receipt of Application Form:** The application should be sent to the Administrative Officer (R), Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Shahdara, Near Karkadooma Court, Delhi-110 032 indicating clearly for which project application is made. However, candidate may in one application form can mention for two/ three Projects if find himself/ herself suitable as per prescribed qualifications and experience. The application should reach CPCB **before 15th June, 2011.**

- 5. Selection Process:** CPCB reserves all rights for conducting written test followed by interview or only interviews for selection of candidates.