I/3015161/2021

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD

No. 2021/EnHM/10/01 Rail Bhawan, Raisina Road New Delhi, Dt. 18 .03.2021

The General Managers,
All Zonal Railways.

Sub: Sponsorship programme by MoHUA in Public Health Engineering / Environmental Engineering for in service engineers.

Ref: Adviser (PHEE), CPHEEO, MoHUA's D.O. letter No. Z-22011/1-PG/2021-CPHEEO dated 19.02.2021.

M/o Housing & Urban Affairs, vide their under reference DO letter dated 19.02.2021, has requested to nominate suitable candidates to undergo Post Graduate Level specialization degree courses of 24 months duration in Public Health Engineering/Environmental Engineering as more number of qualified and trained manpower will be required for better planning and implementation of GoI's two flagship programmes 'Jal Jeevan Mission – Urban' and 'Swachh Bharat Mission – 2.0' in the next 5 years with the objective to provide universal water supply and sanitation services in all Urban Local Bodies (ULBs) across the country.

In view of the above, it is requested to nominate candidates with requisite eligibilities to undergo above mentioned PG course for year 2021-22 (2021-23 Batch) and forward to MoHUA under intimation to this office.

Details, brochure and application along with MoHUA's letter dt. 19.02.2021 are enclosed herewith for ready reference.

Encl: As above. (09 pages)

(Sheela Verma)
Director/EnHM
Railway Board

Copy to PCCEs

Digitally signed by SHEELA VERMA
Date:Thu Mar 18 12:48:08 IST 2021
Reason: Approved

S.O. 845261

Dr. M. Dhinadhayalan
Adviser (PHEE),
CPHEEO
Tel.(O) : 91-11-23061926
Fax : 91-11-23062559
E-mail : adviser-phee-muha@gov.in

सत्यमेव जयते

स्वच्छ भारत
एक कदम स्वच्छता की ओर

भारत सरकार
आवासन और शहरी कार्य मंत्रालय
निर्माण भवन
GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
NIRMAN BHAWAN
नई दिल्ली-110011, तारीख 20
New Delhi-110011, dated the 20

DO. No. Z-22011/1-PG/2021-CPHEEO

Date: 19 February, 2021

Dear Sir,

As you are aware, Government of India is attaching top most priority in improvement of water supply and sanitation services across the country. The Ministry of Housing and Urban Affairs has been implementing 'Swachh Bharat Mission (SBM)-Urban' and 'AMRUT' successfully since 2014 and 2015, respectively. The Govt. of India has recently announced two flagship programmes in the Budget 2021-2022 i.e. 'Jal Jeevan Mission-Urban' and 'SBM-2.0' which will be implemented in the next 5 years with the objective to provide universal water supply and sanitation services in all ULBs across the country. Therefore, States / ULBs need more number of qualified and trained manpower for better planning, designing and implementation of all the water supply and sanitation schemes in cost effective manner and also to ensure proper operation and maintenance of the infrastructure to be developed under these missions.

With the advancement in water and wastewater management technologies, more & more emphasis is being given to total quality management. The subject of Public Health Engineering / Environmental Engineering has been recognized as vital for graduate in-service civil engineers, engaged in delivery of water and sanitation services in the country. While appreciating the need for specialization at P.G. Level for in-service civil engineers, this Ministry has recognized twelve renowned academic institutions in various parts of the country to conduct Post Graduate degree courses of 24 months duration in Public Health Engineering / Environmental Engineering.

The Brochure containing Application Form and Annexure-I, II &III is enclosed for your kind reference. The prescribed proforma for nominating the candidates is placed at Annexure-I. The details regarding the institutes with their intake capacity and eligibility criteria etc. for admission in PG course are placed at Annexure-II. The financial support and other assistance to the Institute and candidate is placed at Annexure-III. The outstation candidates are provided with stipend @ Rs.4,000/- per month during the course period. All the above said Annexure are also available at our website ***http://cpheeo.gov.in.***

SO 8/3/21

Dir (EnHM)
We may circulate to all GMs of ZPSs with c/- to PCEs & PCMEs for nomination.
12/03/2021.

SE(C)/SE(S) & Equiv
Director/Equiv

Pl. discuss.

During the year 2018-19, the Ministry has received only 15 nominations as against the vacancy of 80 seats in these 12 academic institutes. This shows that adequate attention is not being given by the States/UTs/ULBs/Parastatal Agencies to impart training to in-service engineers.

I, therefore request that the concerned department may be directed to nominate at least five suitable candidates to undergo this PG Course for year 2021-22 (2021-23 Batch). The list of the candidates along with the duly filled application form in the prescribed proforma(hard copies), may be forwarded to Shri Vipin Kumar Patel, Assistant Adviser(PHE), CPHEEO, Ministry of Housing & Urban affairs, Room No. 660 A, Nirman Bhawan New Delhi -110011 ***latest by 31st March, 2021*** for further necessary action.

with kind regards,

Yours sincerely,

(Dr M. Dhinadhayalan)

Encl : As above

To

Adviser (Environment),
Environment Directorate,
Railway Board, Ministry of Railways,
Rail Bhawan, Raisina Road, New Delhi-110001

Copy to:

1. Sr. PPS to Addl. Secretary (D, UT & SBM), MoHUA for kind information to AS (D, UT & SBM).
2. PPS to Joint Secretary (AMRUT), MoHUA for kind information to JS (AMRUT).
3. Director (SBM-I)
4. Director (PHE & SBM-II)

सत्यमेव जयते

MINISTRY OF HOUSING & URBAN AFFAIRS
GOVERNMENT OF INDIA
(CPHEEO)

BROCHURE
&
APPLICATION FORM

POST-GRADUATE (M.Tech./M.E.)
PROGRAMME FOR
2021-22 (2021-23 Batch)

SPONSORSHIP PROGRAMME
IN PUBLIC HEALTH ENGINEERING / ENVIRONMENTAL ENGINEERING

(PROGRAMME IS EXCLUSIVELY FOR IN-SERVICE ENGINEERS)

Website: http://cpheeo.gov.in

LAST DATE FOR SUBMISSION OF APPLICATION IN CPHEEO/MoHUA IS
31st MARCH, 2021

INDEX

S. No.	CONTENTS	PAGE NOs.
1.	ABOUT THE PHE TRAINING PROGRAMME	1
2.	OBJECTIVE OF PHE TRAINING PROGRAMME	1
3.	INSTRUCTIONS	3-4
4.	APPLICATION FORM (Annexure-I)	5-7
5.	APPENDIX (Qualifications/Experience)	8
6.	LIST OF INSTITUTES (Annexure-II)	9-14
7.	FINANCIAL SUPPORT (Annexure-III)	15

ABOUT THE PHE TRAINING PROGRAMME

The P.H.E. training programme was started in 1956 by the Ministry of Housing & Urban Affairs with the objective of providing training to in-service Engineers and Para-Engineering Staff of the various State Public Health Engineering Departments, Water Supply and Sewerage Boards, Urban Local Bodies etc.

CPHEEO, a technical wing of Ministry of Housing and Urban Affairs has been requesting all the States heads regarding the aforesaid programme for nominations of in-service Engineers working with PHED/ULBs/Boards usually in the month of October/November every year.

OBJECTIVE OF PHE TRAINING PROGRAMME

The capacity building of professional manpower is an essential ingredient for successful implementation and operation & maintenance of water supply and sanitation facilities. The public Health Engineering Departments, Water Supply and Sewerage Boards and other departments including the Urban Local Bodies engaged in delivering of water supply & sanitation services need different level professionals, who should have necessary technical and managerial skills relevant in the field of water supply and sanitation. Their knowledge and skill need to be updated periodically in order to keep abreast of the latest developments in the field of Public Health Engineering/ Environmental Engineering. Keeping in view the above objective PHE training programme is being implemented by the Ministry of Housing and Urban Affairs with the goal to provide training to in-service Engineers and para- engineering staff. Ministry is running following three types of trainings with a view to provide capacity building to PHED/ULBs etc.:

1. **Post Graduate (M.Tech/ME) Course**: The duration of course is 24 months (4 Semesters) in Public Health Engineering OR Environmental Engineering. Under this programme the Ministry is providing training to in-service Engineers and Para-Engineering Staff of the various State Public Health Engineering Departments, Water Supply and Sewerage Boards, Urban Local Bodies etc. in 12 recognized institutes.

   This training is imparted at the following academic institutions:

(a) All India Institute of Hygiene and Public Health, Kolkata
(b) Veermata Jeejabai Technological Institute, Mumbai
(c) Anna University, Chennai

(d) Visvesvaraya National Institute of Technology, Nagpur
(e) Motilal Nehru National Institute of Technology, Allahabad
(f) Shri Jayachamarajendra College of Engineering, Mysore
(g) Sri G.S.Institute of Technology & Science, Indore
(h) I.I.T., Powai, Mumbai
(i) Malviya National Institute of Technology, Jaipur
(j) I.I.T. Kharagpur, West Bengal
(k) I.I.T. Delhi, New Delhi
(l) Jawaharlal Nehru Technological University, Hyderabad

2. Short Term Course (STC):

This programme has been tailored in such a way that Diploma Engineers working in State Public Health Engineering Departments/Water Supply and Sewerage Boards/Urban Local Bodies get adequate exposure towards the finer points of Public Health Engineering, so that they can apply the same in the field. The course is of three months duration. Financial support to the trainees/institutes in the form of stipend, tuition fee, expenses on field visits etc. is extended, thus sharing a major portion of the expenditure. The course is of three months duration. At present the Short Term Course is not conducted in two institutes viz. 1) Anna University, Chennai and 2) Shri Jayachamarajendra College of Engineering, Mysore.

3. Refresher Course:

Refresher Courses on various specializations are sponsored by the Ministry for the duration of 1 to 4 weeks and conducted through different academic, research & professional institutions and State Departments for the benefit of in-service Engineers & Para-Engineering Staff working in junior, middle & senior levels in various State Public Health Engineering Departments, Water Supply & Sewerage Boards & Urban Local Bodies etc. Financial support in the form of honorarium to lecturers, expenses on field visits, preparation of lecture materials etc. is extended to the institute conducting the training courses.

INSTRUCTIONS (*Read carefully before applying*):

- Three sets of applications are required along with supportive documents separately with photographs.
- The documents should be self-attested or by Gazetted officer.
- The candidates (in service engineers) are requested to fill up the form and submit in your concern department to forward the application to Vipin Kumar Patel, Assistant Adviser (PHE), CPHEEO, Ministry of Housing and Urban Affairs, Room No 660-A, Nirman Bhawan, New Delhi-110011 before last date i.e. 31st March'2021.
- All copies of marks sheets and certificates of Matriculation to Bachelor level (B.E./B.Tech.) should be attached with application.
- Apply in fresh (Latest format) available at our web-site http://cpheeo.gov.in only. The old format will not be considered for recommendation of sponsorship in any case.
- The applications (all three sets) should be countersigned by Official Head/HOD/Chief Engineer/reliving officer.
- Priority should necessarily be mentioned against all the Institutes listed as in application form at page No. 6. Request for change of priorities shall not be considered at a later stage.
- Candidates are requested to mention place of present posting, address of communication with **Pin code** along with contact number/E-mail id/Fax number etc.
- Incomplete application will be liable for rejection.
- In Case of the candidate belong to SC/ST/PH; enclose the attested copy of "Caste Certificate/Handicapped certificate" for claim.
- Last date mentioned in the circular is final for receiving of the applications in this Ministry. NO APPLICATIONS WILL BE ACCEPTED/PROCESSED AFTER LAST DATE.
- The candidate must have minimum 3 years of experience in Public Health Engineering OR as mentioned against each institutes requirement and preferably below 45 years of age.
- The candidate who had been selected during last academic session and offered admission by the Institute, but not joined shall not be considered while forwarding the nominations.
- In case it is not possible to accommodate the candidates in the Institutions as per their first priority they may be accommodated in other Institutes in subsequent order (s) of priority as mentioned by them in their application subject to fulfillment of eligibility criteria and availability of slots, Ministry's decision is final in this regard.

- In case any candidate discontinues the course or fails to complete the Post Graduate course in all respects including submission of thesis or fails to obtain the P.G. degree within the stipulated time period of 24 months, the entire amount paid by the Government of India (through the Institute) to the candidate towards stipend, tuition & examination fees, contingencies etc. will be recovered from him/her through their department concern.
- Selection of candidates by CPHEEO, M/oHUA, GoI shall be treated as final.
- In case the selected candidate(s) are not relieved in time to enable him/her to join the Institute, it is very likely that the slot kept for him/her will remain unutilized for that academic session and under such circumstances, his/her candidature will not be considered for admission to PG course for the next three academic sessions.
- Sponsored candidates are required to pay/deposit Institute's fees on their own at the time of admission and later, the Ministry reimburses only the tuition & examination fees along with stipend for outstation candidates through the institute to the candidates after receiving the final list of candidates admitted with details of tuition fee, examination fee, date of joining etc. from the Institute.
- For IIT, Delhi the candidates are required to send three sets of applications in CPHEEO and submit online application on IIT, Delhi's website as per information received from IIT, Delhi/CPHEEO.
- BEFORE FORWARDING THE NOMINATIONS OF THE CANDIDATES THE NOMINATING AUTHORITIES ARE REQUIRED TO ENSURE THAT THE CANDIDATES CAN BE RELIVED FOR THE P.G. COURSE IN THE EVENT OF THEIR SELECTION FOR MINIMUM 24 MONTHS DURATION.
- No TA/DA shall be paid by the Ministry for attending interview/ admission / joining the Institute at the time of admission.
- In case of selection in IIT, Delhi: *After provisional selection CPHEEO/MoHUA will forward hard copy of application to IIT, Delhi for consideration, but applicant/s are directed to apply online through IIT Delhi website.*
- Latest required qualifications for admission in VJTI, Mumbai: *The Directorate of Technical Education, Maharashtra State, Mumbai has intimated that the GATE Score is essential eligibility criteria for admission of sponsored candidates for M.Tech (PHE/EE) admission. CPHEEO, MoHUA had asked Directorate to provide specific required qualifications in this regard.*

Ministry of Housing &Urban Affairs

(CPHEEO)

APPLY IN TRIPLICATE (Forms)/ALONGWITH THE ATTESTED CERTIFICATES WITH EACH SET

APPLICATION FORM

Proforma for calling nominations from the candidates for admission to M.E.(PHE)/M.Tech (Environmental Engineering) course in the 2021-23 batch under the sponsorship of the Ministry of Housing and Urban Affairs during the year 2021-22.

Affix Recent Photograph

1	**Name of the Applicant (in block letters)**	
2	**Father's Name**	
3	**Date of Birth/ Age**	
4	**Cast: SC/ST/OBC/General (Pl. furnish the cast certificate, if applicable)**	
5	**Designation**	
8	**Head office address (with Pin Code No.) (in block letters)**	Pin No.
7	Place of present posting/ address **(with Pin Code No.)**	Pin No.
8	**Residential Address (With Pin Code No.)**	Pin No.
9	**Contact Telephone/Mobile No. & Fax No.**	Tel. No : Mobile No.s : Fax :
10	**E-mail ID:**	
11	**Name of the Department where employed/Fax No./Tel.No./web-site:**	
12	**Qualification (with branch & % age) & Experience (as per Appendix)**	
13	**Whether the applicant had applied earlier for the same programme, if so, in which year.**	
14	**Had he/she been selected by CPHEEO if yes, state reason for not joining**	

15. INDICATE THE PRIORITY OF THE INSTITUTE'S TO UNDERGO THE POST GRADUATE COURSE UNDER THE PUBLIC HEALTH TRAINING PROGRAMME OF MINISTRY OF HOUSING AND URBAN AFFAIRS:

S.No.	Name of the Institutes	Indicate Priority wise Number**
A	B	C
1	Sri Jayachamarajendra College of Engineering, Mysore	
2	Veermata Jijabai Technological Institute, Mumbai	
3	Shri G.S. Institute of Technology & Science, Indore	
4	Motilal Nehru National Institute of Technology, Allahabad	
5	Visvesvaraya National Institute of Technology, Nagpur	
6	Indian Institute of Technology, Bombay, Mumbai	
7	Malaviya National Institute of Technology, Jaipur	
8	Anna University, Chennai	
9	Indian Institute of Technology, Kharagpur	
10	Indian Institute of Technology, Delhi	
11	Jawaharlal Nehru Technological University, Hyderabad	
12	All India Institute of Hygiene & Public Health (AIIH&PH), Kolkata.*	

(SIGNATURE OF THE CANDIDATE)

* *As of December, 2014, there is inadequate faculty in the AIIH&PH to teach engineering topics. Candidature will be considered provided the AIIH&PH fills up the vacant posts of engineering faculty.*

** *Priorities indicated in the column will not be change in any case.*

N.B.: 1. *Priority should necessarily be mentioned against all the Institutes listed above in their own hand writing, overwriting is not allowed.*

2. *Candidates are requested to mention place of present posting, address of communication with* **Pin code** *along with contact number/E-mail id/Fax number etc.*

The particulars furnished above & in Appendix are true and correct to the best of my knowledge. I declare that I will not back out if I am selected and admitted in any one of the Institutions mentioned above.

Signature of the candidate

Countersigned and sponsored Shri/Smt./Ms._____to undergo the P.G. course in the years 2021-2022 (2021-23 batch) in any one of the Institutions mentioned above. It is hereby certified that in case he/she joins the course he/she will continue to draw his/her normal monthly salary & allowances as per rules throughout the period of studies (i.e.24 months) and his/her TA/DA, educational tour expenses etc. will be reimbursed by the Department.

BEFORE FORWARDING THE NOMINATIONS OF THE CANDIDATES THE NOMINATING AUTHORITIES ARE REQUIRED TO ENSURE THAT THE CANDIDATES CAN BE RELIVED FOR THE P.G. COURSE IN THE EVENT OF THEIR SELECTION FOR MINIMUM 24 MONTHS DURATION.

Signature of the Competent Authority/ (with official seal)/
Head of the Department (as the case may be)

APPENDIX

Ministry of Housing & Urban Affairs
Government of India
(CPHEEO)

POST GRADUATE COURSE IN PHE/ENVIRONMENTAL ENGINEERIG

EDUCATIONAL QUALIFICATION:

Qualification	Institution	Board/ University	Specialization Branch	Division/ % of marks	Year of passing	Remarks
1	2	3	4	5	6	7
i) Matriculation						
ii) Diploma						
iii) Degree OR Equivalent						
iv) Post-Graduate						

Note: Please enclose (Attested) copies of certificates and mark sheets obtained in each qualification/degree along with every application sets.

Details of Experience including Present job (Chronological order):

Name of the Organization	Duration From	To	Designation	Nature of Duties	Reason for leaving
1	2	3	4	5	6

Signature of the applicant

ANNEXURE-II

STATMENT SHOWING DETAILES OF VARIOUS POST GRADUATE INSTITUTIONS RECOGNISED BY THE MINISTRY, ACADEMIC SESSION 2021-22 (2021-23 BATCH)##:

S.No	Institute/ University	Period (in months) for which stipend is extended	Total duration (in months) of the course including project work	Number of seats reserved for MoHUA	Educational qualification and experience for admission in M.Tech/ME (in PHE/Env.Engg.)
1	2	3	4	5	6
1	INDIAN INSTITUTE OF TECHNOLOGY, DELHI, NEW DELHI	24	24	05	B.Tech/M.Sc. or equivalent in relevant field (Civil) with (a) CGPA 6.75 on a 10 point scale or 60% marks in aggregate for general category and minimum 1 year experience as on 1st August 2020. (60% marks in aggregate is must, incorporating marks from all semesters).
2	VEERMATA JEEJABAI TECHNOLOGICAL INSTITUTE, MUMBAI	24	24	10	B.E/B.Tech in Civil/Construction Engg./Env. Engg. with minimum 50% marks for open category and 45% marks for reserved category candidates. **OR** AMIE part A&B in Civil Engg. With minimum 50% marks for Open Category and 45% marks for reserved category candidates. The candidates must have minimum 2 years full time experience.

3	VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR	24	24	10	B.E./B.Tech (Minimum marks) or equivalent in Engineering Environmental Engineering.
4	SRI JAYACHAMARAJ-ENDRA COLLEGE OF ENGINEERING, MYSORE	24	24	10	B.E./B.Tech Degree in Env. Engg./Civil Engg./Chemical Engg.Biotechnology and mechanical Engineering (as a special case) with not less than 50% of marks in aggregate to join M.Tech. with 3 years experience if the candidate is being sponsored by governmental organisation (either state or central).
5	MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD	24	24	05	B.E. or equivalent degree (Civil/Chemical/ Agricultural Engg.) with 60% marks. Professional experience of minimum 2 years.
6	SRI G.S.I OF TECHNOLOGY & SCIENCE,INDORE	24	24	10*	B.E/B.Tech. or equivalent (civil) and B.E./B.Tech. or equivalent (Mech./Electrical/ Chemical/Agricultural Engineering) respectively with 55% aggregate marks. Candidate should possess two years' experience after passing B.E./B.Tech. or equivalent degree.
7	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY, MUMBAI	24	24	02	First class 60% for General category students and/or for students where no concession in academic performance is called for, the First class/60% in the qualifying degree examination as the eligibility requires any one of the following criteria:

					i) a min. of 60% marks in the final academic year of the programme. ii) a min. of 60% marks in aggregate or as specified by the University (any one of them). iii) a first class as specified by the University. iv) a minimum cumulative Grade point average (CGPA) or Cumulative Performance Index (CPI) of 6.0 on the scale of 0-10. **For SC/ST category students criteria are:** i) a min. of 55% marks in final academic year programme. ii) a min. of 55% marks in aggregate or as specified by the University. iii) a first class as specified by the University. iv) a min. CGPA or CPI of 5.5 on the scale of 0-10; with corresponding proportional requirement when the scales are other than on 0-10. in i) B.E./B.Tech/AMIE or equivalent in Aeronautical /Aerospace Engg. Agricultural Engg. / Biotechnology/Chemical Engg./Civil Engg./Environm. Engg./ Mech. Engg./Mining Engg./Metallurgic Engg./Materials Sc. & Engg. ii) M.Sc. or equivalent in Atmospheric Sc./Biotechnology/Biochemistry/ Chemistry/Earth Sc./Env.Toxicology/Env.

					Sc./Metrology/ Microbiology/Physics • For candidates with M.Sc., Mathematics is essential at Higher Secondary/Intermediate (10+2) level. • Candidates having two years of relevant work experience are exempted from requirement of GATE score, provided their candidature is sponsored by the employer. They are not eligible for award of Teaching/Research Assistantship. Admission through Interview by IIT, Bombay
8	MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR	24	24	10	Candidates should have min. CGPA of 6.5 on the 10 point scale (60% marks, only where CGPA is not awarded) for M.Tech with relaxation for SC/ST the CGPA should be of 6.0 on the 10 point scale on the 10 point scale (55% marks, only where CGPA is not awarded) in the following degrees: B.Tech/B.E. in Agri. Engg./Biotechnology & Biochemical Engg./Chemical Engg./Chemical Technology/Civil Engg./Civil Engg.& Planning/Civil Env.Engg./Civil Technology/Env.& Pollution Cntrol/Env.Sc.& Engg/Mech.Engg. and should have min. Of 2 years of experience.