

'ജലം ജീവാതം'

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KERALA WATER AUTHORITY

Jalabhavan

Thiruvananthapuram-695033

Kerala

No. 4784/AE1(TC)/2021/KWA

Dated: 23.01.2022

From

The Chief Engineer (HRD&GL)

To

The Chief Engineer

Southern Region/Northern Region/ Central Region/ Sewerage PPD and WASCON

Superintending Engineer, P.H.Circle.....

Director-SRI

Sir/Madam ,

Sub:- CPHEEO -P.G. (M.Tech/M.E.) Programme for 2022-23(2022-24 Batch)-Sponsorship
Programme in P.H./ENV. Engineering-- Application invited - reg:

Ref:- Letter No D.O. No. Z-22011/1-PG/2022-CPHEEO dt 18.1.2022 of Dr M.
Dhinadhayalan, Adviser(PHEE), CPHEEO, MoHUA, GoI

The Ministry of Housing and Urban Affairs, GoI (CPHEEO) has invited applications from in-service Engineers for the sponsorship programme of ME / M Tech Course in Public Health Engineering / Environmental Engineering. The duration of the course is 24 months (4 semesters). The brochure is attached herewith. You are requested to forward the letter along with attachment to all your subordinate Offices, so that , the Engineers may go through the brochure thoroughly; and those interested and eligible may forward the filled in application along with all documents as specified in the brochure, to reach this office on or before 10th March 2022.

Candidates who have already undergone at least one PG course sponsored by KWA /CPHEEO shall not be considered for this programme.

Yours faithfully,
SETHUKUMAR S



Copy To

DBA- For Publication in Website
EE to MD, AEE to TM, PA to MD





सत्यमेव जयते

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

BROCHURE
&
APPLICATION FORM

POST-GRADUATE (M.Tech./M.E.)
PROGRAMME FOR
2022-23 (2022-24 Batch)

SPONSORSHIP PROGRAMME
IN PUBLIC HEALTH ENGINEERING / ENVIRONMENTAL ENGINEERING

(PROGRAMME IS EXCLUSIVELY FOR IN-SERVICE ENGINEERS)

Website: <http://mohua.gov.in>

LAST DATE FOR SUBMISSION OF APPLICATION IN CPHEEO/MoHUA IS
31st MARCH, 2022



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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 December 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.

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 **Section Officer, CPHEEO, Ministry of Housing and Urban Affairs, Room No 655-A, Nirman Bhawan, New Delhi-110011** before last date i.e. 31st March 2022.
- 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) which is also available at Ministry's web-site <http://mohua.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".
- 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, MoHUA, 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 relieved 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.
- As per information received from Director, CES, Anna University, Chennai, all the candidate under sponsored category must have appeared for Tamil Nadu Common Entrance Test (TANCET). The selection will be based on the percentile score obtained in TANCET.





Ministry of Housing & Urban Affairs
(CPHEEO)

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

Post Graduate Course in PHE/Enviro. Engg. during the year 2022-23 (2022-24 Batch).

**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.	
4	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 PHE 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 (AIIPH), Kolkata.*	

(SIGNATURE OF THE CANDIDATE)

* As of December, 2014, there is inadequate faculty in the AIIPH to teach engineering topics. Candidature will be considered provided the AIIPH 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 2022-2023 (2022-24 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 RELIED 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)



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

POST GRADUATE COURSE IN PHE/ENVIRONMENTAL ENGINEERING

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

STATEMENT SHOWING DETAILS OF VARIOUS POST GRADUATE INSTITUTIONS RECOGNISED BY THE MINISTRY, ACADEMIC SESSION 2022-23 (2022-24 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 50% marks) or equivalent in Civil Engineering or Environmental Engineering.
4	Sri Jayachamarajendra 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	<p>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:</p> <p>i) A min. of 60% marks in the final academic year of the programme.</p> <p>ii) A min. of 60% marks in aggregate or as specified by the University (any one of them).</p> <p>iii) A first class as specified by the University.</p> <p>iv) A minimum cumulative Grade point average (CGPA) or Cumulative Performance Index (CPI) of 6.0 on the scale of 0-10.</p> <p>For SC/ST category students criteria are:</p> <p>i) A min. of 55% marks in final academic year programme.</p> <p>ii) A min. of 55% marks in aggregate or as specified by the University.</p> <p>iii) A first class as specified by the University.</p> <p>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</p> <p>i) B.E./B.Tech./AMIE or equivalent</p>



					<p>in Aeronautical / Aerospace Engg. Agricultural Engg. / Biotechnology/ Chemical Engg./ Civil Engg./ Environm. Engg./ Mech. Engg./ Mining Engg./ Metallurgic Engg./ Materials Sc. & Engg.</p> <p>ii) M.Sc. or equivalent in Atmospheric Sc./ Biotechnology/ Biochemistry/ Chemistry/ Earth Sc./ Env.Toxicology/ Env. Sc./ Metrology/ Microbiology/ Physics</p> <p>• For candidates with M.Sc., Mathematics is essential at Higher Secondary/Intermediate (10+2) level.</p> <p>Admission through Interview by IIT, Bombay</p>
8	Malaviya National Institute of Technology, Jaipur	24	24	10	<p>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:</p> <p>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 Control/Env.Sc. & Engg/ Mech.Engg. and should have min. Of 2 years of experience.</p>
9	Anna University, Chennai (Centre for Environmental Studies)	24	24	10 [#]	<p>B.E/B.Tech. in Civil/Env. Engg./Chemical Engg./Geoinformatics/ B.Tech. (Energy & Env. Engg.) of Tamilnadu Agricultural University, Coimbatore OR B.E./B.Tech.in Mechanical/Electrical with 3 years relevant experience.</p> <p>All the candidate under sponsored category must have appeared for TANCET. The selection will be based on the percentile score obtained in TANCET.</p>



10	Indian Institute of Technology, Kharagpur	24	24	01	Bachelor degree in Engg./Technology/Architecture/M. Sc. or equivalent degree (AMIE etc.) are eligible for admission to M.Tech/MCP Programme as sponsored candidate. The applicant shall have to possess a minimum 60% marks (or CGPA of 6.5 in 10 Point scale) for General/OBC categories and 55% marks (or CGPA of 6.0 in 10 point scale) for SC/ST/PD categories. Admission through Interview by IIT, Kharagpur.
11	Jawaharlal Nehru Technological University, Hyderabad	24	24	07	For M.Tech. (Water & Environmental Technology): B.Tech in Civil/Agriculture Eng./ Environmental Engg. (OR) M.Sc. in Geo-Physics/Geology/Hydrology/Remote Sensing/Water & Environmental Sciences.
12	All India Institute of Hygiene & Public Health, Kolkata	24**	24	15	B.E.(Civil)**

* Only two seats are for candidates with B.E. (Elec./Mech./Chemical) degree.

** As of December, 2014, there is inadequate engineering faculty in the AIH&PH to teach engineering topics. Candidates will be nominated provided the AIH&PH fills up the vacant posts of engineering faculty on permanent basis.

Hostel accommodation may be available provided construction of hostel building is completed.

Above mentioned eligibility criteria / conditions are as per information received / available with the Ministry. In case of any change / update by the Institutes in due course, same will be communicated to the applicants appropriately.



ANNEXURE-III

Financial support for undergoing Post Graduate Course in Public Health/Environmental engineering during 2022-23 (2022-24 Batch).

FINANCIAL SUPPORT:

- A monthly stipend of Rs. 4000/- is paid to each of the **out-station sponsored candidates** by the Government of India through the Academic Institute/University.
- Expenses towards tuition and examination fees only are borne/reimbursed to each sponsored candidate by the Government of India through the Institute (as per institute's Budget Estimate). All other fees are to be paid by each candidate/nominating department.
- Contingency Grant @ Rs.2500/- per semester (Maximum for 4 semesters only) is sanctioned to the Institute (and not to any individual candidate) by the Government of India.

Note: 1. The Grant-in-aid will be released by this Ministry to the Institutes concerned after receiving the Budget Estimate prepared by the Institutes (along with the latest circular in case of any change in fees structure).

2.The Grant-in-aid will be released to the concerned institute only after receipt of previous Utilization Certificates (in GFR 19-A format) along with the audited statements of expenditure in respect of any Grant-in-aid released by this Ministry to the Institute for PHE training programme.

