



BIHAR STATE POLLUTION CONTROL BOARD

-: STUDENT'S INTERNSHIP PROGRAMME :-

Bihar State Pollution Control Board constituted under the Water (Prevention and Control of Pollution) Act, 1974 is a body corporate responsible for enforcement of the provisions of this Act and other environmental legislations in the State of Bihar. It is also mandated to encourage/ conduct and participate in investigations and research relating to environmental problems, its prevention, control and abatement of pollution. With an objective to supplement its commitment towards a cleaner environment the Board offers great opportunities for research and training to students/fellows from academic and research institutions in order to encourage skill development and encouragement of scientific and technological research in the State.

INTERNSHIP PROGRAMME:-

- The internship programme offered by the Board are of two types:-

A) Short Term Programme – will be of flexible duration of 04-08 weeks.

The short term internship programme will be conducted during summer and winter *i.e.* during May-June and November-December.

B) Long Term Programme – will be of flexible duration ranging from 03 to 06 Months.

The long term internship programme will be conducted for the period during the entire year depending upon the requirements of the Board.

The Board may at its discretion, in its own interest accept applications for period other than as specified above.

- The programme will cover all aspects of environmental management including monitoring, assessment and control of pollution.
- Laboratory/Field Visits/ Hands-on Training/Demo/ Practical depending upon the requirement.
- Preparation/Submission of project report and presentations.

ELIGIBILITY :-

- Regular students pursuing B.Sc (Engg.)/B.Tech./M.Tech/M.Sc. (Engg.)/M.Sc/LLB./P.G.Diploma courses of following disciplines at any

reputed institute like IITs/BIT/NITs/NLUs or any University/ Deemed University recognized by the U.G.C., where internship programmes are a part of the curriculum.

- (i) Post-Graduation in Physics/Chemistry/Botany/Zoology/Life Sciences/ Environmental Sciences/Environmental Management.
 - (ii) Environmental Engineering/Chemical Engineering/ Civil Engineering.
 - (iii) Computer Science/Information Technology/Remote Sensing and GIS/Electronics and Instrumental Engineering/Law/Mass Communication/ Public Relations.
- M.Phil and Ph.D students of above disciplines are also eligible but will be considered case to case basis depending upon relevance of their field of their study.
 - Students pursuing courses through distance education are not eligible.

SELECTION CRITERIA:-

- Applicants for the Internship Programme should be regular students of Third/Final year of graduation in Engineering/ Law/ Mass communication/ or Final year of M.Sc./M.Tech.
- Should have an excellent academic record.
- Be well conversant in English and Hindi.
- Be potentially interested in activities of the Board and having good technical and soft skills required for the internship applied.
- Applicants may indicate priority areas for proposed internship programme. However, it will be considered as per the requirement of the concerned section of the Board and the exact topic of the training will be decided in consultation with the training coordinator and/or the supervisor of the study.
- The selection will be made by a committee constituted by the Chairman of the Board for the purpose under the leadership of the Board Analyst of the Board. The committee will consider the requirement of various divisions/sections of the Board and decide for allotment of topics and placement of student trainees with Scientific/Engineering Sections or other officials of the Board. Decisions taken by the committee in this regard would be final.

- The Board Analyst/In-charge Scientist/Engineer or any other official of the Board will be authorized to issue certificates to the trainees after successful completion of their respective internship programme.
- Mere applying for the internship programme in the Board does not entitle any candidate for training in BSPCB. Selection will be based strictly on merit and based on requirement of the Board as per discretion of the selection committee and other BSPCB authorities.

HOW TO APPLY :-

Applications for internship programme in prescribed format duly forwarded/ recommended by the concerned authority/ Head of the Department concerned/Principal or Director of the Institution accompanied with a valid ID proof of the student can be submitted online through Board's website. Selected candidates will be intimated separately through phone/e-mail. No further communication in this regard will be entertained by the Board.

IMPORTANT DATES :-

1.	Last Date for submission of application for both (a) Short term and (b) Long term programme	(i) 1 st April; (ii) 1 st October.
2.	Compilation, Scrutiny, Screening and Approval of the Applications.	02-20 th of April/ October.
3.	Issuance of Acceptance Letter	20-25 th of April/ October.
4.	Commencement of Internship Programme	First week of May/ November.

- Request of M.Phil./Ph.D. students will be decided separately based on the requirements of the Board, their field of study and availability of limited number of seats.

FEE/ STIPEND:-

- No fee will be charged by the Board for the internship programme.
- A Stipend of Rs.10,000 (Ten thousand) only will be paid to the selected candidates for the 4-6 week period of short term internship programme. Students for 8 week programme will be paid a stipend of Rs. 20,000 (Twenty thousand) only for the whole period.

- A Stipend of Rs.10,000 (Ten thousand) only per month will be paid to the selected candidates for the Long term Internship Programme.

ACCOMODATION/ T.A/ D.A:-

- No accommodation facility or any other allowance will be provided by the Board to the student interns. They have to make their own arrangement for stay during the internship period.
- Travelling expenses including boarding and lodging will be borne by BSPCB for the performance of any outstation field duty or any other specific assignment assigned by the Board to the student interns.

FACULTY MENTORS:-

If more than five students are nominated by any institution, it will be required to nominate one of the concerned faculty members to serve as mentor faculty for the batch of interns of the research project. The mentor faculty will be expected to have regular contact with the internship coordinator /supervisor of the Board as well as with the students concerned.

OTHER CONDITIONS :-

- The interns will be required to maintain strict discipline at the office of BSPCB and other places.
- The intern students will be required to put their signature on attendance register. A minimum of 85% attendance would be required for submission of the project/training report and issuance of certificate.
- Interns will be required to submit a hard copy as well as a soft copy of the Project Report/Training Report to the Board duly approved by the Coordinator/ Supervisor.
- The interns should be ready to undertake field works related to environmental monitoring in any part of the State as assigned to them time to time.
- No weightage for internship done at the Board will be accorded to candidates for any future recruitment by BSPCB for any of the posts.
- No claim for recruitment will be entertained by the Board on the basis of Internship Programme completed at BSPCB.

INDICATIVE AREAS OF STUDY :-

Following are indicative broad areas of Project study/ training. However, specific topics would be decided/ finalized by the 'Selection

Committee for the Internship Programme' depending upon the requirement of the Board, area of the interest of the intern, etc.:-

1. Air Quality Trend Analysis and Mapping of selected City.
2. Water Quality Monitoring, Trend Analysis and Mapping of selected rivers or any other natural aquatic resources.
3. Noise Level Monitoring and contouring of selected city.
4. Implementation of Clean Air Action Plans.
5. Performance evaluation of STPs/ETPs/CETPs.
6. Effect of construction activities in urban environment.
7. Groundwater quality status for selected cities.
8. Status of water supply, sewage collection and treatment for selected cities.
9. Status of Solid Waste Management, E-waste Management, Plastic Waste Management, Bio-medical Waste Management etc. in selected cities.
10. Status of specific pollutants in selected cities.
11. Characterization studies of emissions, effluents, solid wastes, etc.
12. Status of pollution control measures for specific industry/Industrial Area/ City.
13. Source Apportionment Studies.
14. Air Quality Index Studies.
15. Microbiological Studies/Toxicological Studies.
16. Flora/Fauna/Diversity index related studies.
17. Any other project in consultation with the Board.

CORRESPONDENCE ADDRESS:-

The Member Secretary,
Bihar State Pollution Control Board,
'Parivesh Bhawan',
Patliputra Industrial Area,
P.O.- Sadaquat Ashram,
Patna-800010.

(Kind attention: The Board Analyst).