

YOUNG INTERNS PROGRAMME



RAJASTHAN STATE POLLUTION CONTROL BOARD

4, Jhalana Institutional Area

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INTRODUCTION:

The policy and regulatory frame work in the field of environmental laws and its implementation can be benefited from an outsider perspective. In addition, various policies and projects can be modulated with the help of outsider perspective. An academically inclined person with interest in environmental concerns, pollution control and management can benefit immensely from getting a ring-side seat within the State Board, through hands on training in processing of files, working in laboratory and assisting during field visit.

Rajasthan State Pollution Control Board had launched its Young Interns Program-2016 with an aim of leveraging skill sets of students of reputed institutions or young entrepreneurs/ innovators/ employees of private sector/ self-employed professionals/ scholars/ educators/fellows any other and simultaneously the individuals gain invaluable insight while working for the State board. The Young Interns Program is purely an internship program and does not provide any assurance or guarantee for employment in future.

OBJECTIVES OF THE PROGRAM:

The objectives of the program are as follows:

- To empower the young brains to learn and spread awareness and knowledge about various pollution assessment, monitoring and control programme and services provided by the state board for the benefit of society and to act as a bridge between the service providers and recipients.
- To develop operational and learning skills among young scholars.
- To strengthen their research and evaluation skills in the field of environment pollution assessment, monitoring and control.
- To generate interest amongst youth towards public services and awareness related to environmental scenario/ pollution control measures.
- To get independent critical analysis of policies/ programme and seek suggestions for corrective measures.
- To enhance the outreach and impact of the state board schemes & programs.
- To promote innovations in the state board schemes & programs.

DURATION OF INTERNSHIP:

- Internship consists of two phases of one year each. The duration of internship shall be of two years. Internship would be consisting of two phases of one year each.
- After end of the first phase an internal assessment will be conducted for all the interns.
- If the performance of the interns after the end of first phase found satisfactory, the internship shall continue for next phase.

NODAL OFFICER:

In-charge of Project Cell is the nodal officer. Chief Environment Engineer and Chief scientific officer will provide essential guidance to In-charge Project Cell for smooth completion of all the internship.

STRUCTURE OF INTERNSHIP:

Structure of internship would be as follows:

- An Intern would be associated to any group/ project/ mentor in the State Board office or any place as assigned by the State Board for the duration/ tenure of internship.
- A mentor would be appointed by Nodal Officer in consultation with Chief Environment Engineer or Chief Scientific Officer as per required field.
- A brief orientation program covering State Board functioning would be given to initiate the internship.
- On successful completion of internship, a certificate would be issued under the signatures of Chairperson and Member Secretary of the State Board.

ELIGIBILITY CRITERIA FOR SELECTION:

- Young entrepreneurs, innovators, employees of private firms/ companies/ think tanks, self-employed professionals (in the field of environment, etc).
- An intern must possess valid First-class degree in B.E./ B. Tech. in Biotechnology/ Chemical/ Civil/ Mining/ Environmental/ Textile/ engineering
or
First-class M.Sc. degree in the discipline of Environmental Science/ Chemistry/ Soil Sciences/ Microbiology
or
First-class M.Sc. degree in the discipline of IT/ Computer Science.
- An intern must be from IIT, NIT, IIM or other reputed an academic institution accredited/ affiliated to a university (UGC/ CSIR/ AICTE) or deemed university.
- The interns passed out from institutes having higher ranking in National Institutional Ranking Framework (NIRF) by Ministry of Education, Govt. of India will be given additional weightage.
- Excellent communication/ presentation/ intra-personal skills/ academic record.
- Good knowledge of English as well as Hindi language (Reading, speaking, writing and understanding)
- Well versed Information Technology skills (MS Office and other similar programs on alternative platforms).
- The applicant with working experience in the relevant file shall be given priority.
- Age between 21-30 years (on 1st of January of the current year).

SELECTION PROCEDURE OF INTERNS:

- In-charge Project Cell will invite applications from prospective Interns and carry out the selection.
- Students are required to submit their application in the prescribed format duly recommended by the head/ dean of the institution along with relevant documents. Applications would be essentially accompanied by a Statement of Purpose (not more than 400 words) highlighting the issue he/ she would like to work upon and the nature of project proposed.
- Applications will be scrutinized by expert committee on the basis of candidate's academic record and Statement of purpose on the proposed topic of project.
- In case of young entrepreneurs/ innovators/ employees of private sector/ self-employed professionals/ scholars/ educators/ any other on sabbatical leave, their academic background, area of expertise/ interest, field of & quality of innovation and experience shall be given weightage in selection.
- Selection would be done by the committee as notified by the State Board.

STIPEND:

- The selected interns will be given a stipend of Rs. 30000/-per month for internship programme.
- Interns shall be encouraged to bring their own laptops, for which they may be paid a lump-sum amount of Rs. 2500 per month.
- Interns may also be engaged as consultant to specific projects.

BOARDING/ LODGING/ MOBILITY AND OTHER LOGISTIC ARRANGEMENTS:

- No accommodation will be provided to the intern. They have to make their own arrangement for stay during internship period.
- No TA/DA and other allowances will be paid for their expenses incurred on any physical communication or field visits.
- Every intern will be eligible for one casual leave every month on accrual basis. Such leaves shall be provided in cumulative manner i.e. 12 leaves for the entire year. If the intern avails a leave without accrual, his payment for the leave day shall be deducted from the final monthly payment of stipend.
- In case of any dispute, the decision of the Chairperson, RSPCB will be binding and final. The services can be terminated at any time without any notice.
- After joining internship, if the intern leaves the internship within one month, no stipend/ remuneration will be paid.
- Special Identity Card will also be provided to Interns.

MENTOR:

Interns would be assigned to different mentors with whom they can interact on daily/ weekly bases for support and guidance. These mentors will be senior officers of the state

board who will oversee the progress and help interns in their endeavor. When in the Regional Offices, the interns shall report to the concerning Regional Officer.

SECTORS FOR INTERNSHIP:

For the study, specific projects/ subjects would be suggested by the state board. Routine works of the state board would also be included in the list of subjects for the internship. Some of the areas in which the Interns could be asked to work are given below.

1. Air Quality Trend Analysis and Mapping for selected city.
2. Online Continuous Emission/ Effluent Monitoring System (OCEMS)
3. Continuous Ambient Air Quality Monitoring System (CAAQMS)
4. Noise Level Status & Contouring for selected city.
5. Environmental Status and Action Plan for selected cities.
6. Cleaner Technologies in Small Scale Industries - their status and cost effectiveness.
7. In-depth studies of sewage treatment plants.
8. In-depth studies of CETP/ ETP plants.
9. Effect of construction activities in urban environment.
10. Optimization of Air Quality Monitoring Network in selected cities.
11. Trend Analysis of Water Quality for selected river/lake.
12. Groundwater quality status for selected cities.
13. Status of water supply, sewage collection & treatment for selected cities.
14. Status of solid waste generation and disposal in selected cities.
15. Status of e-waste generation and disposal in selected cities.
16. Status of hazardous waste generation and disposal in selected city.
17. Quality Assurance in analytical measurements for specific parameters.
18. Status of specific pollutants in selected city.
19. Characterization Studies of emissions, effluents, solid wastes etc.
20. Short-term and Long-term Pollution Control measures for specific industry/Area/city
21. Comparative studies of different Methods/Techniques of Analysis / Treatment/ Industry Specific Pollution Control Technologies.
22. Source apportionment studies.
23. Air Quality Index (AQI) for rating cities/ Status of Non-attainment of AQ in selected city
24. Microbiological studies/Toxicological studies.
25. Micro flora/Micro fauna / Diversity Index related studies.
26. Any R&D Project related to pollution assessment, survey, monitoring and control.
27. Any other project in consultation with the in-charge Project Cell.
28. Laboratory related work.
29. Accreditation process of laboratories
30. Procedure and assistance in office working.

CERTIFICATE OF INTERNSHIP:

The interns will present their reports to the expert committee and mentor. The report will be assessed by a committee and certificate will be awarded to each intern on completion of the internship.

No certificate will be awarded if the intern leaves the assignment before completion. RSPCB reserves the right to terminate any internship at any point of time without any obligation to cite reasons.

(B. Praveen)
Member Secretary