



Certificate III in
Water Treatment Industry



Australian Institute of Water Sciences India
(AIWS) India

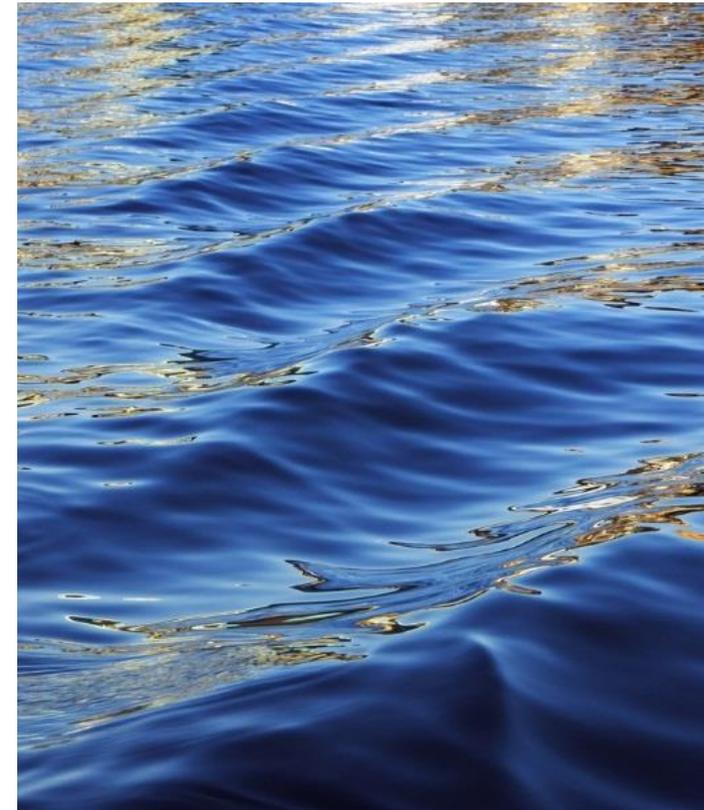
in Collaboration with

Savitribai Phule Pune University Research
Park Foundation

announces part-time
110+ hours (12 weeks) online course

Certificate III in Water Treatment Industry
(Accredited)

Start Date - 20th July 2021



About AIWS India

The Australian Institute of Water Sciences (AIWS) India is a subsidiary of AIWS Australia and training organization comprised a cohort of the very best minds in wastewater and potable water treatment. The charter of the institute is to foster World's Best Practice in the provision of Potable water training throughout India and overseas. This Certificate III training in Australia and in other developed nations was made compulsory and formalized in the early 1980's to achieve standards of wastewater and potable water treatment that comply with Environment Protection Authority (EPA) expectations and are comparable to world's best practice.

AIWS India & SPPU Research Park Foundation

The boards of directors of Savitribai Phule Pune University – Research Park Foundation, and the Australian Institute of Water Sciences India Pvt. Ltd. has formed a strategic alliance which will deliver long and short-term courses in environmental awareness that ultimately equips graduates to pursue paid work in environmental projects or further skilled training.

The initial focus of this strategic partnership is to provide environmental and safety courses within a diverse range of industries that impact the Indian environment, particularly those industries that impact Indian water resources and waterways as well as solid waste disposal.

Course Objectives

- International accredited training and World Class Certification
- Local employment opportunities for tens of thousands of new graduate engineers, diplomates and Year 12 pass-outs who graduate from AIWS courses in both government and private enterprises.
- Skills training in environmental imperatives and issues in general
- Introduction to the fastest growing industry in the world.
- Skills training of environmental issues specific to the Indian context
- Through understanding of legislative issues pertaining to environmental issues in India
- Incentives for selected students to compete for fully funded 2-week internships abroad.
- Opportunity to participate hands-on in major environmental projects.

Topics Covered

- **Maintain Work Safety**
- **Apply Risk Management & Legislation**
- **Mathematical Calculations**
- **Access Environmental Procedures**
- **Sample and Test Water/Waste Water**
- **Operate & Control Coagulation & Flocculation**
- **Operate & Control DAF**
- **Operate & Control Media Filtration**
- **Operate & Control Membrane Filtration**
- **Operate & Control Activated Sludge process**
- **Operate & Control Aerobic Bio-reactor process**

Patrons

Chief Patrons

- Prof. Phillip Bell, President & CEO AIWS Australia & India
- Prof. Arvind Shaligram , CEO SPPU Research Park Foundation

Patrons

- Shri Dattatreya Devale, Retired Senior Law Officer MPCB and Director in AIWS India
- Shri Girish Kale, Civil Engineer and Director in AIWS India
- Atul Bhakta, Director – Operations AIWS Australia and AIWS India

Key Resource Persons

- Prof. Phillip Bell, President & CEO AIWS Australia & India
- Mr. Shyam Tamhankar, Safety Officer and Faculty member AIWS India
- Mr. Umesh Panse, CEO Panse Consultants and Faculty member AIWS India
- Ms. Pradnya Thakur, Independent Consultant and Faculty member AIWS India
- Ms. Kavita Takle, Faculty member AIWS India
- Ms. Archana Yeole, Chemist and Faculty member AIWS India

Visiting Faculties

- Visiting faculties from various industries viz, MPCB, Dept. of Environment – Govt. of Maharashtra, Multinationals, CETP's, various Associations, University HOD's having more than 15th years experience will be presenting Opening or Closing remarks during the course.

Mode of conduction

The course will be conducted online using the Zoom platform. Practicals will be conducted on site and in laboratory (if possible and permitted)

How to Apply

Students need to enrol filling up the Application Form from the www.aiwsindia.in / www.unipune.ac.in/ or <https://sppurpf.unipune.ac.in/> websites. Also students need to Apply for the course using the above mentioned website.

Address -

SPPU Research Park Foundation – SPPU Campus Opp. Health Centre, Ganeshkhind, Pune 411007
Mr. Nikhil Choudhree Mob: +91 9850147422.
Email: aiwsindia.sppurpf@gmail.com

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Email: admin@aiwsindia.in. Web: www.waterscienceaustralia.com.au / www.aiwsindia.in

Laboratory Testing and Sampling



On Site
Practical



Fully funded internship abroad



Australian Institute of Water Sciences India
and
Savitribai Phule Pune University Research Park
Foundation



Certificate Courses (part time) Conducted by “Australian Institute of Water Sciences India Pvt. Ltd” and “Savitribai Phule Pune University Research Park Foundation” (2021-2022)

Training Methods

Operator and environmental skills training are provided at Certificate III in Water Industry Treatment and Certificate IV in Water Industry Operations, all of which provides various levels of skill sets that correspond with appropriate operator responsibilities. This will be later extended to incorporate undergraduate and post-graduate studies. Introductory course in Environmental Studies will also be included as both stand-alone courses and as also formed part of the complete certificate courses as mentioned above. Training will be provided at various institutes / university campuses as well as work sites.

In summary this framework provides the following significant benefits.

- Water, Wastewater treatment and environmental remediation meets world’s best practice currently adopted by all developed nations.
- Effective and efficient operation of water and wastewater facilities leads to better environmental outcomes.
- Correct and optimal operations of water, wastewater, solid waste, air pollution, hazardous waste, plastic waste, fly ash, electronic waste, bio-medical waste & other wastes, causing environmental pollution, environmental remediation facilities lead to minimal downtime and reduced maintenance and repair costs.
- Expensive water, wastewater, pollution control arrangements and other plant infrastructure life is prolonged.
- Use and of chemical additives is significantly reduced.
- Workplace safety is enhanced with fewer incidences of injury.
- CO (Total Cost of Ownership) is significantly reduced.
- Standardization enables trained operators to follow best practices.

Intermediate Certificate in Water Industry Treatment (Cert III) Course Units

This course is designed for general and entry level treatment plant operators and candidates who wish to apply for positions of treatment plant trainee. The course is designed to run over 100+ hours on campus.

Course duration	: 120 - 150 hours' contact
Education Prerequisite	: H.S.C. Pass
Learning Mode	: On Campus / Online Course (ZOOM)
Assessment	: Written Exam / Demonstrations

Course Fees

Course Content : Rs. 50000

- Maintain Workplace Safety
- Mathematical Calculations
- Apply Risk Management
- Assess Implement & Report Environmental Procedures
- Sample and Test Waste Water
- Perform Complex Testing
- Operate and Control DAF
- Operate and Control Granular Media Filter
- Operate and Control Membrane Filter
- Operate and Control Activated Sludge Process
- Operate and Control Aerobic Bioreactor Process

Certificate in Environmental Studies

This course is designed for all students in general so as to gain the importance of Environmental Science and Studies. The course is designed to run over 16+ hours on campus / online.

- Course duration: 16+ hours contact
- Education Prerequisite: S.S.C. Pass
- Learning Mode: On Campus / Online
- Assessment Written Exam / Demonstrations
- Course Fees Rs. 3000 + Rs. 500 Registration fees

Course Content

- Environment: Importance and Scope
- Workplace Safety
- Introduction to Water & Waste Water Treatment.
- Introduction to Solid Waste Management
- Introduction to E-Waste Management
- Introduction to Hazardous Waste Management
- Introduction to Eco-System
- Climate Change – How to Adapt

Certification

Certificates will be awarded either jointly or separately by Australian Institute of Water Sciences and the University conducting the courses. Only students who have satisfied the conditions for award of the certificate will be included. The Australian Institute of Water Sciences will vet and approve every student for certification.

Recognition of prior learning

Recognition of prior learning with respect to individual units will be considered to the maximum of 4 units per course. These units will still attract the full fee; however, students will not be required to sit the classes or assessments for those units.

Other issues

This document is an outline only and not expected to cover every eventuality. Individual issues will be negotiated and resolved between AIWS and our partner training provider. Complete documentation will be provided after signing of Non-Disclosure Agreement.

For any queries mail us – aiwsindia.sppurpf@gmail.com

Or contact us : Mr. Dattatray Devale - 9869440129 (AIWS, INDIA)
 Mr. Nikhil Choudhree - 9850147422 (SPPU RPF)



Mr. Dattatray Devale
Director, AIWS, India



Dr. Arvind Shaligram
CEO, SPPU RPF



Date :



Australian Institute of Water Sciences India
and
Savitribai Phule Pune University Research Park
Foundation



**Notification for the Admission to Certificate Courses (part time) Conducted by
“Australian Institute of Water Sciences India Pvt. Ltd” and “Savitribai Phule
Pune University Research Park Foundation” (2021-2022)**

Online Applications are invited for the following Certificate Courses

- **Course Details & Eligibility:**

Sr. No.	Course Name	Eligibility Criteria	Duration of Course	Start Date & Time	Fees
1	Intermediate Certificate III in Water Industry Treatment	H. S. C. Pass (10 +2) OR Relaxation applicable – 10 th pass, if more than 2 years' work experience in relevant field by providing the experience certificate (Preference will be given higher qualification)	120 Hours	Start Date – 20th July 2021. Week days – Monday to Friday. Evening 5pm to 7.30pm.	Rs. 50,000/-
2	Introductory Certificate Course in Environmental Studies (Awareness Program)	SSC Pass Or No specific minimum educational qualification requirement if providing experience certificate more than 2 years in relevant field.	16 Hours	Course Date will be announced later	Rs. 3000/- + Rs.500 Registration Fess

- Start date of filling online Application : **23rd June 2021**
- Last date of filling online Application : **15th July 2021**
- Declaration of Admitted Candidate list : **18th July 2021**
- **Instruction for filling Online Application Form**
 Click on the given link
https://docs.google.com/forms/d/e/1FAIpQLSdGHA84vHRsuDYBvFI1daQV6BzEaoX6alXZSwJJygTbCneWGQ/viewform?usp=sf_link
 Fill all details & pay the fees.
 Fee Payment Method - Click on the given link
 Payment Gateway – <https://www.aiwsindia.in/product/buy-a-course/>
- **Documents Required :**
- Candidate shall upload /send soft copies of following documents with the application
 1. Photocopy of the statement of marks of the qualifying examination passed.
(which is required for the eligibility).
 2. ID Proof (PAN Card or Aadhaar Card)
 3. Experience Certificate (If applicable)
- Providing incorrect/false information will lead to automatic cancellation of admission and forfeiture of the fees paid.
- Candidates are not required to submit printout of application/documents to the AIWS, India or SPPU RPF.

If any queries/difficulties regarding fees, please mail us on - aiwsindia.sppurpf@gmail.com

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Or contact us : Mr. Dattatray Devale - 9869440129 (AIWS, INDIA)

Mr. Nikhil Choudhree - 9850147422 (SPPU RPF)



Mr. Dattatray Devale
Director, AIWS, India



Dr. Arvind Shaligram
CEO, SPPU RPF

Date : 23rd June 2021