

INFORMATION BROCHURE 2015 -16

ADVANCED DIPLOMA

IN

WATER QUALITY MANAGEMENT

(Institute -Industry Collaborative Course)

Unique course aims at
creating trained
personnel in the field
of water treatment
since 1998-99.



Department of Chemical Engineering
Institute of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University, Lonere

(Tq: Mangaon, Dist: Raigad M.S. 402103)

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY'S

INSTITUTE OF PETROCHEMICAL ENGINEERING, LONERE

TAL. MANGAON, DIST. RAIGAD, PIN-402 103

(Phone No.02140-275103, Email: iope@rediffmail.com Website: www.iope.ac.in)

ADMISSION NOTICE

Applications are invited for admission to
ADVANCED DIPLOMA IN WATER QUALITY MANAGEMENT
2015-16 BATCH (EIGHTEENTH BATCH)

Course duration: One year (Trimesters pattern)

Intake: 30 (Admission are by inter-se merit as per rules laid down by the University.) Preference will be given to industry sponsored candidates.

Eligibility: (A) Diploma in Chemical/ Petrochemical/Plastic & Polymer/ Environmental /Instrumentation/Electrical/Mechanical/Civil Engineering

(B) Bachelor of Science (B.Sc.) with Chemistry at least up to second year,

Minimum 50 % marks for open & 45 % marks for reserved category at diploma or B.Sc. level

Reservation: As per rules laid down by Govt. of Maharashtra. However, there is no fee concession for this course.

Fee: Rs. 26,000/-

For additional Information contact:

The Coordinator, ADWQM. Phone: 9421253801, ravisk63@gmail.com,

Principal: 9422494173,

Office Supdt: 9422353362 , 02140 275063, 02140 275103

The application form, along with information brochure, can be obtained in person from the Institute office on payment of Rs.800/- from 04/08/2015 onwards or download from website. Last date for submission of application form is 17/08/2015 (without late fee) and up to 21/08/2015 with late fee of Rs. 500/- For details, visit our website

PRINCIPAL

UNIVERSITY

Government of Maharashtra established Dr. Babasaheb Ambedkar Technological University in May 1989. The University conducts eight-degree courses (B.Tech), seven postgraduate courses (M.Tech) and Ph.D. programmes.

INSTITUTE OF PETROCHEMICAL ENGINEERING

This is a constituent Institute of the University. This Institute conducts eight diploma Courses viz. Chemical Engg, Petrochemical Engg, Polymer and Plastics Engg, Computer Engg, Instrumentation Engg, Electronics and Telecommunication Engg., Electrical Engg and Information Technology & one advanced diploma course. Institute also conducts a scheme of Community Development Through Polytechnic, a scheme of Ministry of Human Resource Development, GOI, New Delhi. This institute has completed 32 years.

CAMPUS & LOCATION

Institute is located on the Mumbai-Goa national highway (NH-17), almost at the foot of Raigad fort, 150 kms from Mumbai and 120 kms from Pune. It is at a distance of 20 kms from Mahad and 10 kms from Mangaon.

ADVANCED DIPLOMA IN WATER QUALITY MANAGEMENT (ADWQM)

This is a unique course, which aims at creating trained personnel in the field of water treatment. Institute in collaboration with Ion Exchange (India) Ltd. has started the course during the academic year 1998-99. Ion Exchange India Ltd. has been working in the field since last forty years all over the world. Participation of Neela India Ltd, Goregaon (Mumbai) and Thermax Ltd; Pune and SPARKLE Clean Tech, Khopoli strengthened this course to provide training and placement facility.

This course is designed by eminent academicians and industrial experts from water industries to prepare a skilled manpower in the field of service engineering to drinking water, effluent treatment plant; marketing of treatment plants, project documentation, design, quality control and water analysis. .More than 250 students have completed this course and are performing well in the water industries.

MISSION OF THE COURSE

To provide trained technical manpower to service engineering in the field of potable water, industrial water & wastewater treatment. The necessity of trained water treatment technicians has been increasing due to increased water pollution, fast changing industrial effluent & water treatment techniques, decreasing natural water resources, & increasing demand of potable and hygienic water.

PLACEMENT

Campus interviews are arranged every year. Pass out students have got good placement in Ion Exchange India Ltd; Mumbai, Ion Exchange Services Ltd; Navi Mumbai, Neela India Ltd; Mumbai, Wipro Waters Ltd, Mumbai, Sparkle Clean Tech; Khopoli, Christ Nishotech, Navi Mumbai, Aqua Tech Asia; Pune, TELCO, Jamshedpur, Agua Puro; Mumbai, Dowac water systems, Bangalore etc. Many students are also working abroad in countries such as Indonesia, Malaysia, Singapore, Australia, USA, Kuwait & Gulf countries. Many pass out students have started their own business or in partnership, after two-three years experience in this field. This course has record of accomplishment of 100 % placement with handsome emolument in reputed industries.

Placement Status of last batch:

Company	2014-15 Batch	
	No. of students	Package/Annum
Wipro Waters Ltd., Mumbai	08	Rs. 1.8 Lakhs+ other Allowances
Aqua Mech Ind., Navi Mumbai	04	Rs. 1.2 Lakhs+ other Allowances
Sandoz Pvt Ltd, MIDC, Mahad	02	Rs. 1.2 Lakhs+ other Allowances
Ion Exchange India Ltd; Mumbai	03	Rs. 1.2 Lakhs+ Other Allowances
Dowac water systems, Bangalore	06	Rs. 1.8 Lakh + Other Allowances

ADMISSION

Intake capacity for course is 30. Admission is by inter-se merit as per rules laid down by the University. Each 15 seats are allotted to diploma & B.Sc. students. Preference will be given to industry-sponsored students as per University criterion.

ELIGIBILITY

(A) Diploma in Chemical / Petrochemical / Plastic & Polymer / Environmental / Mechanical, Electrical, Instrumentation & Civil Engineering.

(B) Bachelor of Science (B.Sc.) with Chemistry as the main subject at least up to second year, **Minimum 50% marks for open & 45 % marks for reserved category at diploma or B.Sc.**

RESERVATION

Reservation is as per rules laid down by Govt. of Maharashtra. However, there is no fee concession for this course since this is self-financed course.

FEES STRUCTURE

Tuition fee: Rs. 17,000/- & other fees Rs. 9,000/- . **Total fee: Rs. 26,000/-.**

Student has to pay full fee at the time of admission by Demand Draft in favor of The Principal, Institute of Petrochemical Engineering, Lonere payable at State Bank of India, Mangaon (0276)

TEACHING SCHEME

It is a trimester pattern. Each trimester is of four months duration. In the first two trimesters, students are required to attend classroom lectures along with laboratory practical in the Institute. The curriculum is modified from academic year 2007-08. It is based on credit system. Advanced diploma is awarded based on overall CGPA.

CURRICULUM

Curriculum is designed based on the need of the industry in consultation with the industrial and academic experts. The curriculum is revised from time to time. It consists of following subjects.

TRIMESTER I:

- | | | |
|--|--|------------------------|
| 1) Communication Skill | 2) Mechanical Technology | |
| 3) Plant Safety & Environmental Engg | 4) Stoichiometric Calculations & Unit Operations | |
| 5) Water Chemistry & Analytical Techniques | 6) Water Treatment I | 7) Engineering Drawing |

TRIMESTER II

- 1) Electrical Technology
- 2) Fluid Flow Operation
- 3) Instrumentation & Control in Water Treatment Plants
- 4) Water Treatment II
- 5) Water Treatment III
- 6) Water Treatment Plant Drawing

TRIMESTER III Seminar Industrial training

FACILITIES AVAILABLE AT THE INSTITUTE

- **Library:** The Library has good collection of literature of water science, water treatment and other related subjects. Indian and foreign journals related to water and wastewater treatment are subscribed. Internet facility is also available. Students get books under book bank scheme for one trimester at 15 % of original cost of book.
- **Laboratories :** Laboratories are well equipped with water quality testing instruments, UV-Visible spectrophotometer, reverse osmosis, mixed bed unit, demineralization plant, softner, PSF, Lamella clarifier, water testing kits etc.
- **Hostel Accommodation:** Hostel accommodation with mess facility will be provided as per availability & on merit basis.

FACULTY

The faculty teaching this course is well qualified and is having teaching as well as industrial experience. **Some of** faculty members have undergone three months higher education programme

of British Council in the field of advanced water treatment technology at Cranfield University, United Kingdom.

DOCUMENTS REQUIRED for Admission

- (1) S.S.C. Marks sheet, (2) H.S.C Marks sheet, (3) Diploma / B.Sc. (all three years marks sheet, (3) Leaving Certificate, (4) Caste Certificate for the candidates belongs to SC, ST, VJ, NT, OBC, SBC,(5) Non-Creamy layer certificate, (6) Company Sponsorship letter for Sponsored Candidate. (7) Aadhar card

SCHEDULE FOR ADMISSION TO ADVANCED DIPLOMA COURSE IN WATER QUALITY MANAGEMENT FOR YEAR ACADEMIC YEAR 2015-2016

Sr.No.	ACTIVITY	DATE & TIME
01	Issue of Brochure & Application Form @ Rs.800/-	04/08/2015 to 17/08/2015
02	First day to receive filled application forms at the Institute	04/08/2015
03	Last day to receive filled application form at the Institute	17/08/2015, upto 5 pm
04	Submission of application form with Late Fees Rs. 500/-	21/08/2015 , up to 3.30 pm.
06	Display of Final Merit List	24/08/2015, 12.30 pm
07	Date and Time of admission – Round I	25/08/2015, at 11.00 am
08	Round of admission for filling vacancies if any, falling vacant due to cancellation- Round II	29/08/2015, at 11.00 am
09	Round of admission for filling vacancies if any, falling vacant due to cancellation-Round III	07/09/2015, at 11.00 am
10	Commencement of classes	01/09/2015

For any change in the above details because of unforeseen reason and for any additional information, candidates are advised to see detailed notice on Institute notice board.

The process of admission will be conducted as per the schedule mentioned above and no one will be intimated by post.

Those who fail to report at the scheduled date and time of admission for scrutiny of application form will forfeit his claim on seat and the next candidate will be offered admission as per the inter-se-merit.

The duly filled admission form along with documents and Rs.26, 000/- admission fees by D.D. drawn in favor of "**Principal, Institute of Petrochemical Engineering, Lonere payable at State Bank of India, Mangaon Branch (Code 0276)**" should be brought at the time of admission. No relaxation either in payment of fee or submission of original documents will be granted. Candidates claiming reserved seats should produce caste certificate and noncreamy layer certificate as applicable.

FOR ADDITIONAL INFORMATION, CONTACT

Prof R S Kulkarni
The Coordinator, ADWQM Course
Dept. of Chemical Engineering,
Institute of Petrochemical Engineering,
P.O. Lonere Pin-402 103, Tal.Mangaon,
Dist. Raigad (Maharashtra)
Phone- Office : (02140) 275103,
Mobile: 9421253801
Email: ravisk63@gmail.com

Dr. M A Dabhade
The Principal,
Institute of Petrochemical Engineering,
P.O. Lonere Pin-402 103, Tal.Mangaon,
Dist. Raigad (Maharashtra)
Phone: Office: (02140) 275103,
Mobile: 9422494173
Fax - Office: (02140)275103,
Email: iopelonere@rediffmail.com

Participating Industries



Ion Exchange Services Ltd;
303 & 304, Great Eastern Galleria,
Nerul (West),Navi Mumbai-400706



Wipro Water Limited
Nerul (West),Navi Mumbai-400706



Dowac Systems & Projects India Pvt
Ltd. Address : #15/9, Primrose Road,
MG Road Bangalore-560001



Central Facility Bldg- II,APMC Market – II,
Vashi,, Sector 19, Turbhe, Navi Mumbai,

Visit: www.iope.ac.in