

Report on Industrial Visit to Paithan Hydro Power Station, Jayakwadi Dam

Aim for Industrial Visit:

Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this industrial visit was to let students know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view. Main aim of industrial visit is to provide an exposure to students about practical working environment. They also provide students a good opportunity to gain full awareness about industrial practices.

Details of Industrial Visit are as below:

Name: Paithan Hydro Power Station, Jayakwadi Dam

Address:- Jayakwadi Dam, Paithan, Auranagabad

Contact Person: Executive Engineer, 02431-224699

Date of Visit: 17th, 18th & 19th September 2018

Faculty Name: Prof. P.A.Narwade, Prof. S.G.Kotkar, Prof.K.S.Kadam

Description of the Visit:

An Industrial Visit to Paithan Hydro Power Station was organized for T.E. Mechanical engineering students. A hydroelectric power plant of 12 MW capacity is installed on the right bank of the river. With minor external modifications to the exiting reversible hydro turbine unit, most of the dead storage water can be put to use during the drought years by using the hydro power plant for pumping water into the nearby right canal. Water would be released downstream into the tail pond over the spillway. The water used for power generation is pumped back to the main reservoir from the tail pond using reversible hydro turbine. Vertical axis Francis Turbine is used to generate power. Through this industrial visit students got awareness about power plant.

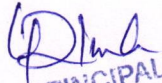
Executive Engineer conducted a seminar session about 1 hour which cover the following details.

- 1) Concept of Vertical axis Francis Turbine
- 2) Concept of Generator
- 3) Capacity of Power plant

The students of T.E. Mechanical and staff members have enjoyed the technical session at the Power plant. The company person appreciated our students after the technical session.

Students were well mannered and disciplined throughout the visit and no injury or anything unpleasant thing happened during industrial visit.




PRINCIPAL
Dr. Vithalrao Patil
College of Engineering
Ahmednagar

॥ नहि ज्ञानेन सद्गुरुं परिब्रूहि विद्वते ॥



DR. VITHALRAO VIKHE PATIL FOUNDATION'S
**DR. VITHALRAO VIKHE PATIL
COLLEGE OF ENGINEERING**

Vadgaon Gupta, Villad Ghat, Post. - M.I.D.C., Ahmednagar - 414 111 (M.S.) INDIA.
Approved by A.I.C.T.E., New Delhi & Govt. of Maharashtra
Affiliated to University of Pune (U. No. Pu/AN/Engg./027/(1983)



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Phone : 0241 - 277296/2779496
Fax : 0241-2777533

E-mail : princ_coea@yahoo.com
Website : <http://www.enggnagar.com>

*The National Board of Accreditation (NBA), New Delhi has accredited U/G Courses in Civil, Mechanical,
Electronics & Telecommunication and Instrumentation & Control Engineering
Accredited by National Assessment and Accreditation Council (NAAC), Bangalore*

Ref No:CEA/Mech/Ind. visit/2018/ 2488

Date:- 21/09/2018

To,
The Executive Engineer,
Bardol Power Station, Jayakwadi Dam,
Pudh. No. 02111 2246991
E-Mail: pantharhydro@gmail.com

Subj.: Industrial visit of T.E. Mechanical students

Sir/Madam,

Dr. Vithalrao Vikhe Patil College of Engineering was established in 1983 and is approved by AICTE New Delhi, Govt. of Maharashtra and affiliated to University of Pune. The college provides 4 years Engineering degree course in five disciplines i.e. Civil, Mechanical, Electrical, Electronics & Telecomm. and Information Technology, in which industrial visit is a part of syllabus as per University curriculum.

We request you to grant permission for the power plant visit of 180 T.E. Mechanical Engg. students accompanied with 03 staff members. The visit may be scheduled for three days in three batches preferably on 17th, 18th and 19th Sept. 2018. It is assured that there will be no disturbance in your work schedule due to visit of our students. You are requested to grant permission on above dates for this visit.

Your cooperation in this matter will be highly appreciated.

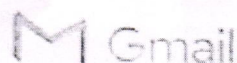
Thanking you,

Yours sincerely,

(Dr. Dilip P. Nark)
Principal



PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



Prashant Narwade <narwadeprashant@gmail.com>

Industrial Visit to Hydro Power Station

Addl Executive Engineer Paithan Hydro Power Station <paithanhydro@gmail.com>
To: Prashant Narwade <narwadeprashant@gmail.com>

Thu, Aug 23, 2018 at 11:24 PM

With reference to above subject the permission for the technical visit of the students of your college, permission shall be granted subject to following procedure/conditions.

1. Date of visit 17,18 & 19.09.2018 at 14:30 hrs. (Reporting at 14:30 hrs sharply).
2. You are instructed to pay fees of the amount (No. of students x Rs. 100/- plus GST @18% on total amount) i.e. Rs. 118 per student. This fees should be paid to the following account No. of SBI branch at Jintor Dist Parbhani:-

Account No. of Executive Engineer, MSPGCL, HPS, Yeldari.

Account No.62003512845 & IFSC code SBIN 0020019 through NEFT mode.

3. All the students should be strictly come in uniform with I-cards.
4. Students should deposit their bags/luggage/mobile at our security gate at their responsibility. & will go through our security checking/scrutiny.
5. Photography at Power station is strictly prohibited.
6. Faculty member/s should control the students & ensure that students should not touch to any controls & auxiliaries of Power Station as there is LIVE ELECTRIC SUPPLY.
7. The safety of all students is the only responsibility of the faculty members & they should

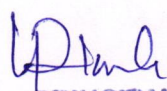
Submit in writing on Rs. 100/- bond paper while coming to the visit.

If any of the above condition is not fulfilled before coming to visit, your permission for the visit stands cancelled. Note that only 60 students per day are permitted.

(Continued on p. 2)

Addl. Executive Engineer,
Paithan Hydro Power Station,
(2431) 224694




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College of Engineering
Ahmednagar

146	Sonawane P. S.	Asst.
148	Shirsalkar T. S.	Asst.
156	Therap. S. A.	Asst.
26	Pige. Amkar.	Under Dy. S.
173	Sawant chandrashekhar	Asst.
124	Pand. Gomath. K.	Asst.
176	Waghmare Mahesh	Asst.
140	Shelke Abhishek	Asst.
128	Sapthar. N. S.	Asst.
20	Chitambar. Gaurav	Asst.
158	Zavare. Dinesh	Asst.
172	Shinde. Pravin	Asst.
177	Chitambar Shubham Rajendra	Asst.
158	Todmal. Kausik. A.	Asst.
124	Pand. Shubham. S.	Asst.
28	Pural. Manoj. S.	Asst.
149	Sumbe. Anas. H.	Asst.
187	Sahai. Krishna. S.	Asst.
130	Sargate. Rushi. M.	Asst.
185	Pawar. Krishna. H.	Asst.
49	Gore. Anand. G.	Asst.
190	Gadgil. Rishabh	Asst.
03	Andhale. Adinath	Asst.
24	Dudele. Pruthi. Raj	Asst.
128	Shelke. Anil. K.	Asst.
133	Gadgil. Akshay	Asst.
182	Pansare. Shripal. M.	Asst.
150	Gore. Gautam. D.	Asst.
	Patil. Babar. Shivji	Asst.
123	Wagh. Samarth	Asst.

[Signature]
HOD & Professor
 Dept. of Mechanical Engineering
 College of Engineering
 Ahmednagar-414111



[Signature]
PRINCIPAL
 Dr. Vitthalrao Vikhe Patil
 College of Engineering
 Ahmednagar