



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited
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PROGRAMME REPORT ON

INDUSTRIAL VISIT TO BHEL -HIGH PRESSURE BOILER PLANT-INDUSTRIAL VISIT TO BHEL -HIGH PRESSURE BOILER PLANT-Tiruchirappalli

Resource Person

**Mr.Balasubramaniayan , Mr.Dinakaran , Public Relationship officers
, BHEL Trichy**

Organized by

MECH- PMIST



PROGRAMME REPORT

Local Industrial To BHEL High Pressure Boiler Plant Tiruchirappalli

On 16.10.2024

Coordinators

Mr. P. Srinivasan, AP (SS) / Mech.

Mr. R.Thiyagarajan, AP / Mech.

Organized by

**Department of Mechanical Engineering & ISTE PMIST Chapter (CSAS)
Periyar Maniammai Institute of Science and Technology
Vallam, Thanjavur, PIN-613403.**

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PROGRAM OBJECTIVE

- To Understand the manufacturing operations, sequences of Heavy Engineering industry, manufacturing High pressure boilers, industrial Valves manufacturing.
- Students to get exposure, understanding of the heavy engineering fabrications, the various industrial facilities, and essential requirements of manufacturing operations.

E brochure



Convenor: Mr.A.Pugazhenthhi, HOD/Mech.

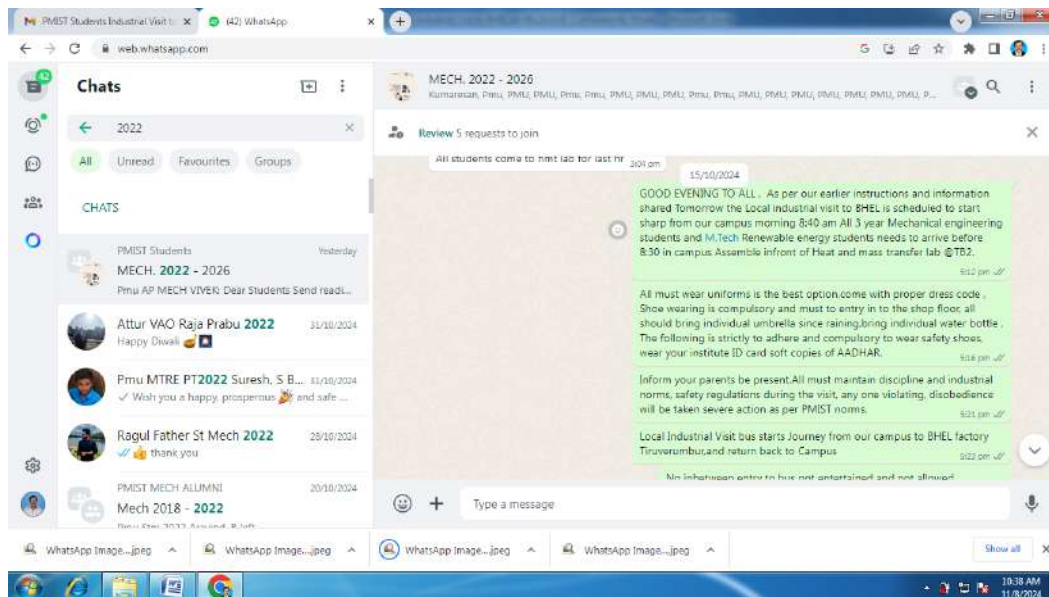
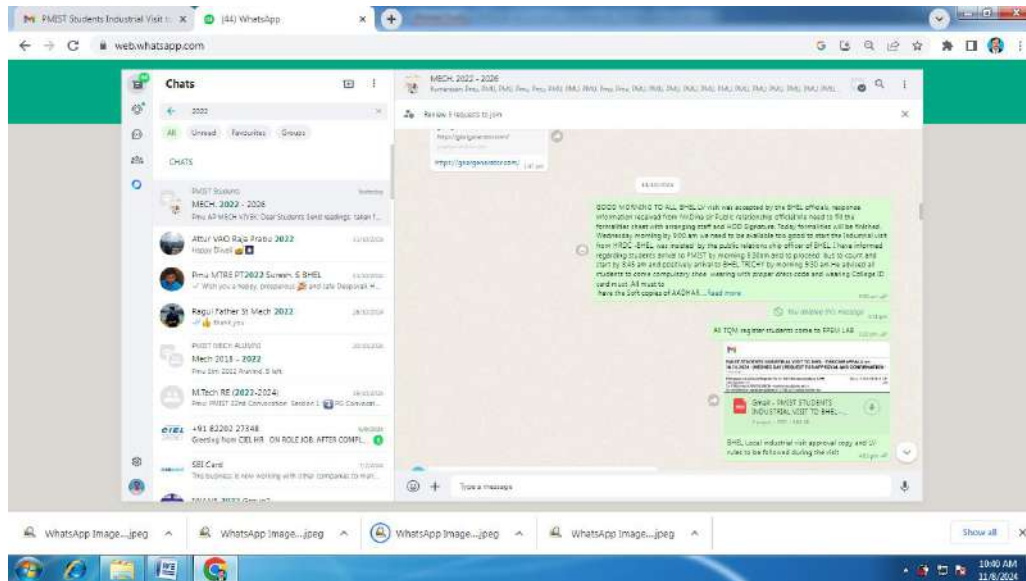
Event Organized By and Coordinators: Mr.P.Srinivasan,AP(SS)/Mech.

Mr. R.Thiyagarajan, AP / Mech.

Events schedule -16.10.2024

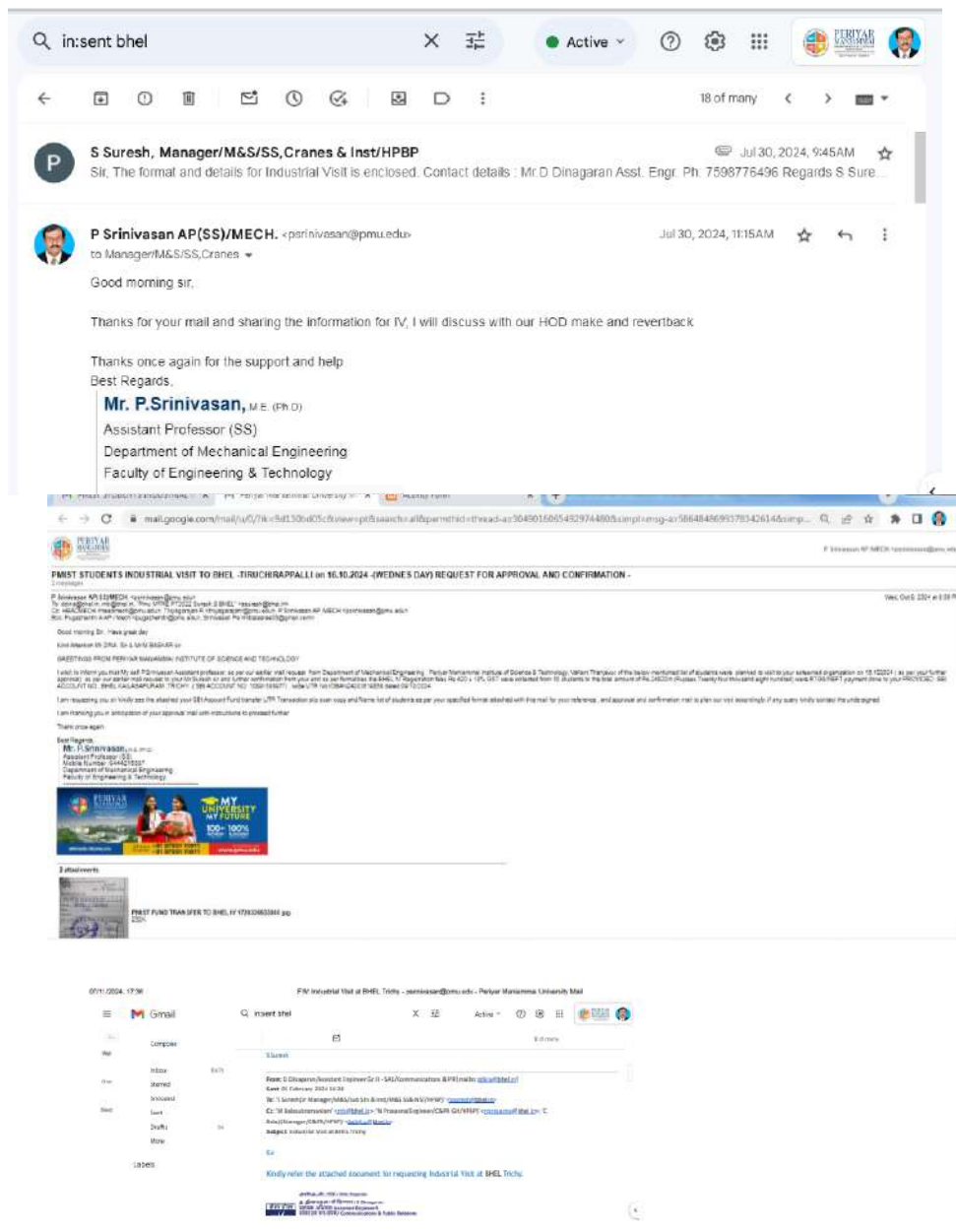
S:NO	EVENTS DESCRIPTION	TIME DURATION
1	Students Arrival –Checking attendance	8.30-8.35 AM
2	Boarding Bus , LV Journey towards BHEL	8.35-8.45 AM
3	BHEL-High Pressure boiler Plant Arrival	9.40 AM
4	BHEL HRDC –Overall View of BHEL, Various plants, facilities –Outline Presentation By BHEL Manager	9.40 to 10.30 AM
5	BHEL – Various Shop Visit / building1 & building 50	10.30 to 01.00 PM
6	Lunch	01.00-2.00 PM
7	BHEL – Various Shop Visit / building 5, building 6	02.10 to 03.45 PM
8	Group Photo Session	03.45 to 04.00 PM
9	Returning to PMIST Campus	04:00 to 04: 45PM

02 Events schedule



03 -Programme Information Circulation in groups

Email Request mail sent to BHEL for Industrial Visit request and getting approval



04- Email request to BHEL official

Student Participants Name list with Attendance –Page-1

The following are the list of persons planned to undertake industrial visit on 16.10.2024 (WEDNESDAY)
from PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY, VALLAM, THANJAVUR.
The below list of students belongs to Department of Mechanical Engineering

Batch: 2022-2026		Branch-Mechanical Engineering	Local Industrial Visit To BHEL-Tiruchirappalli			Date:16.10.2024
SL. No.	Register Number	Name of the Students	Designation	Gender	Aadhar No.	Mobile No.
1	122012014479	DARWIN P	III Year Student	Male	746469202516	9361915552
2	1220120151458	BHARATH P	III Year Student	Male	853117202390	9677004254
3	1220120151460	DINESH KUMAR G	III Year Student	Male	624478877961	8870898446
4	1220120151461	GIRIRAJAN R	III Year Student	Male	785771237453	6382752090
5	1220120151462	JAGADEESHWARAN K	III Year Student	Male	301563622158	8637498591
6	1220120151465	MATHESH R	III Year Student	Male	924169474630	7904998680
7	1220120151467	MUHLAN R	III Year Student	Male	899985269557	8111052787
8	1220120151468	MUKESH M	III Year Student	Male	759315276466	7871724332
9	1220120151469	RAJARATHINAM M	III Year Student	Male	631856749980	9342226508
10	1220120151472	VEERAMANIKANDAN T	III Year Student	Male	350034818406	6381032450
11	1220120151474	ASWIN G	III Year Student	Male	649861965355	9626440225
12	1220120151456	APPU S	III Year Student	Male	476802426171	8940590167
13	1220120151459	OEVA KIRUBHAKARAN G	III Year Student	Male	914056995051	7339353444
14	1220120151463	KABIL G	III Year Student	Male	970493475564	8610155684
15	123012065646	AATHISH S	III Year Student	Male	681869847826	9025482617
16	123012065647	ALLWIN JOSON A	III Year Student	Male	268595131323	7418383343
17	123012065648	ARUNKUMAR J	III Year Student	Male	766708227664	9360423023
18	123012065649	BARATH P	III Year Student	Male	329622140652	6381585937
19	123012065650	BHARATHRAJ M	III Year Student	Male	701435262681	6383305722
20	123012065651	DHANUSH KUMAR S	III Year Student	Male	742161181032	9585887801
21	123012065652	HARIHARAN B	III Year Student	Male	525774710428	9344175416
22	123012065653	JEEVANANTHAM A	III Year Student	Male	909399355439	8610085182
23	123012065655	KUMARESAN S	III Year Student	Male	883260919788	9790307449
24	123012065656	MATHIMURUGAN M	III Year Student	Male	426806210058	9787155260
25	123012065658	PALANIVEL J	III Year Student	Male	605396007835	9025914184
26	123012065659	PRAVEEN M	III Year Student	Male	748181551528	9894740945
27	123012065660	PRAVEENKUMAR K	III Year Student	Male	630661536400	7708729851
28	123012065661	PREAM KUMAR K	III Year Student	Male	326902965659	6383815391
29	123012065663	SANJAI R	III Year Student	Male	688467912267	753881868
30	123012065664	SANTHOSH KUMAR C	III Year Student	Male	455214426707	6374673619
31	123012065665	SELVAGANAPATHI R	III Year Student	Male	946936972614	9789672961
32	123012065666	SIVASANKARAN D	III Year Student	Male	534417517261	8610179298
33	123012065667	THANISHWARAN M	III Year Student	Male	276068526270	9994010816
34	123012065668	VENGATESH M	III Year Student	Male	861572368393	8925339162
35	123012065669	VIGNESH U	III Year Student	Male	821395402857	9578054642
36	123012065671	KANIYALAGAN K	III Year Student	Male	678997801315	6381966042
37	123012065672	PRAVEEN A	III Year Student	Male	733597460784	9342867788
38	123012065673	RAGUL A	III Year Student	Male	392321888181	9361721981
39	123012065674	SANTHOSH S	III Year Student	Male	717612452713	9042710322

Student Participants Name list with Attendance –Page-2

40	123012065675	NAVEEN V	III Year Student	Male	7741 9912 9366	7010352066	
41	123012065676	PREMNATH U	III Year Student	Male	593245570814	8825434084	
42	123012065677	ALOSHYES S	III Year Student	Male	973467709185	6370481948	
43	123012065678	THIRUSELVAM C	III Year Student	Male	610827458130	6380951079	
44	123012078001	AJAY R	III Year Student	Male	436557307744	7671079210	
45	123012078002	HARIVIGNESHWARAN A	III Year Student	Male	318493146033	7397160172	
46	123012078007	MADHANKUMAR K	III Year Student	Male	423332090928	8568150467	
47	123011301029	SAKATHI K	II year PG Engineering	Female	285153476121	8035349053	
48	123012301028	VISHNU VASAN S	II year PG Engineering	Male	714515113573	9159136585	
49	123012301030	ADITHYAN	II year PG Engineering	Male	219348250690	6374991171	
50	123012065612	KAMALESH K	IV Year Student	Male	846333060776	8035304601	
51	STAFF NAME LIST		Mr. A. PUGAZHENTHI	Assistant Professor (SS)	Male	518239062558	9489250338
52			Mr. P. SRINIVASAN	Assistant Professor (SS)	Male	821065285269	9444216387
53			Mr. R. THIYAGARAJAN	Assistant Professor	Male	982845361562	9566308547

SIGNATURE OF HOD/MECH. ENGG.
Mr. A. PUGAZHENTHI, AP(SS)/Mech.

HEAD
Department of Mechanical Engineering
Pondicherry Institute of Science & Technology
Vallam, Thanjavur - 613 403.



Indian Overseas Bank

Branch: _____ Date: 9/10/2024

Beneficiary A/c No. 10891588977111

Name: BHEL, Indhy

Bank: SBI

Branch: _____

IFS Code: SBIL000011363

Rs. 24800 P. -

RTGS Amount: 24800 -

Commission: -

TOTAL: 24800 -

UTR: 10BON24283619358

Industrial Visit Report

- ❖ The local industrial visit was initiated by Mr.P.Srinivasan AP(SS)/Mech. by sending LV request mail to Mr.Balasubramanian and Mr. Dinkaran sir- Public Relation ship officials of HRDC –BHEL. From BHEL responded with the norms with the formalities to be accomplished. The student name list with Aadhar details, Mobile number details were collected as per the BHEL –Norms. Then the Industrial visit fees were paid to BHEL – Trichy. After all formalities were met , the BHEL officials given permission for Local industrial visit on 16.10.2024. Mr. A. Pugazhenth, HoD / Mech. was convener of the Industrial visit. The Program was Organized by the Department of Mechanical Engineering and in association with the ISTE PMIST chapter(CSAS)
- ❖ The Local Industrial visit begins on 16.10.2024 on the morning by 8.40 am from PMIST –Campus towards BHEL- High Pressure Boiler Plant-Tiruchirappalli. By PMIST Campus BUS, reached HRDC around 9.45 AM . Mr.Balasubramanian and Mr.Dinakaran sir –Public Relationship official , welcomed the students Participant and accompanying staff members. BHEL Industrial visit begins with (HRDC) Human Resource Development Centre, Brief introduction about industrial safety instructions, Rules while moving through shops as a group were shared among the participants. before stating the L.V session.
- ❖ Mr.Balasubramanian and Mr.Dinakaran –Public Relationship official made a neat presentation about BHEL, various BHEL Plants , then about the High Pressure Boiler Plant -Trichy. The plant overall setup , various shops, Achievements, Customers were shared among students participants group on 16.10.2024 at Training centre Hall, in HRDC –BHEL, Tiruchirappalli from 9.30 am to 10.30 am.
- ❖ After the presentation, the participants were taken to 24 building about BHEL Model-Tour with its achievements were shared by Mr.Balaji – Manger –HRDC ,then Fore noon session shop visits were made to Header and Drum shop-I ,Then to Super heater, Reheater , Economizer , Nuclear Thermal reactor shops were covered before Lunch Session.
- ❖ The lunch was served by BHEL to the all industrial visit participants, The post lunch afternoon session again shop visits were made to Industrial valves manufacturing Shop5 and Shop-6 were made , Here various industrial valves for thermal as well as for ONGC oil rigs were manufactured. The visit was an important and memorable leaning to the participants. After shop visits Photo session were made in front of 24 building shop gate
- ❖ Mr. A. Pugazhenth, HoD / Mech , Mr. Mr.P.Srinivasan AP(SS)/Mech. and Mr.R.Thiyagarajan Ap/Mech. Thanked the BHEL LV team mangers, and the Public relation officers for the wonderful organizing of the industrial visit . Then the bus starts return journey towards PMIST campus by 4.00 PM. Around 47 nos. of III year UG –Mechanical Engineering and 03nos. of PG-Renewable Energy Engineering students were participated and got benefitted out of this event,
- ❖ Mr. P. Srinivasan, AP(SS)/Mech. and Mr.R.Thiyagarajan, AP/Mech. has organized and worked as coordinator for the event.

Geotagged Photos of the Event



BHEL Industrial visit begins with (HRDC) Human Resource Development Centre, Brief introduction about industrial safety instructions & Introduction to BHEL Plants were shared before stating the session.



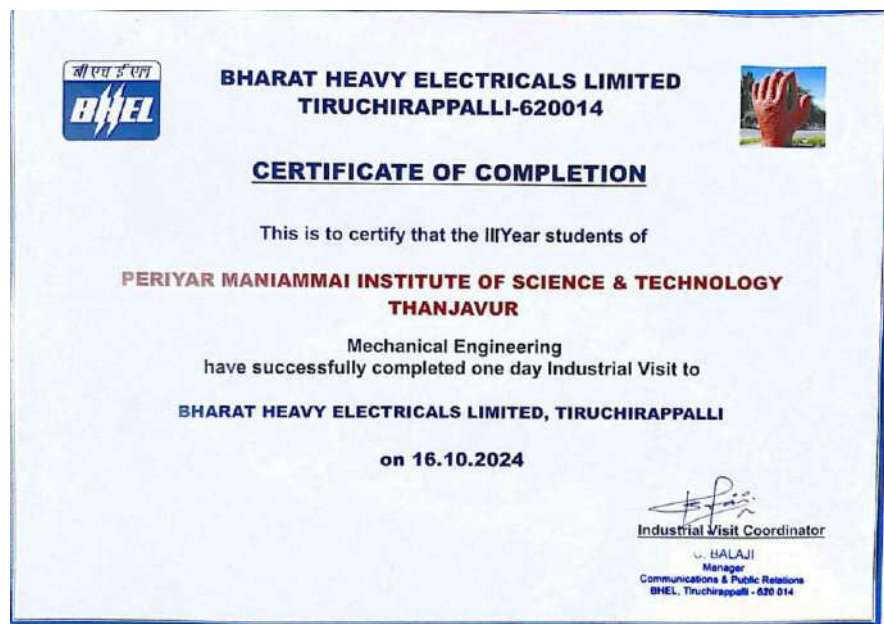
Mr. Balasubramanian, Public Relation Manager, During his presentation, he shared about the introduction about BHEL, establishment of various BHEL Plants, then about the High Pressure Boiler Plant -Trichy. The plant overall setup, various, Achievements, Customers were shared among students participants group



Industrial visit students and accompanying staff with BHEL –HRDC Manager in a group Photo session

7-Industrial Visit -Photos

Industrial Visit -Photos



7-Industrial Visit -Photos

Outcome of the Programme

- The Industrial visit makes the students about the overall heavy engineering organization setup, manufacturing facilities, the process flow in making the various components.
- The importance of getting placement in the Navaratana Organizations and the favorable facilities , perks and emoluments
- Eye opener, memorable industrial visit for the budding engineers about the current giant manufacturing facilities, their requirements , scopes , opportunities and the approaches towards placements were shared during the visit.

8- Outcome of the programme



Local IV Organizer & Coordinators
Mr.P.Srinivasan, AP(SS)/Mech
Mr.R.Thiyagarajan, AP/Mech.AP/Mech.



Convenor
Mr.A.Pugazhenti ,
HoD, Mechanical Engineering



INCHARGES ISTE PMIST CHAPTER
Dr.S.Janani Mr.P.Srinivasan



