



T.J.S ENGINEERING COLLEGE

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.
Accredited by NAAC / ISO 9001:2015 Certified Institution.

TJS Nagar, Peruvoyal, Near Kavaraipettai, Gummidipoondi Taluk, Thiruvallur District -601206



Industrial Visit



T.J.S. ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to Anna University, Chennai & Accredited by NAAC)
An ISO 9001:2015 Certified Institution



Email: principal@tjsec.in

Contact number: 044-27967602, 7373730006

Dr. J. PRAKASH, M.E., Ph.D.
Principal,
T.J.S. Engineering College,
Peruvoyal, Chennai 601206.

22.04.2022

To

**The Chief Engineer,
North Chennai Thermal Power Station - II,
Attipattu, Thiruvallur Dt,
Chennai – 600 120.**

Respected Sir,

Sub: Seeking permission to visit your Power station. – Reg.

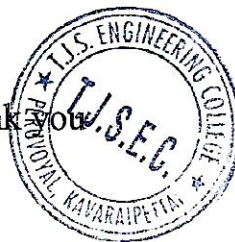
T.J.S. Engineering College, a unit of T.J. Sivananda Mudaliar Educational Trust, is Located in the rural setting of Thiruvallur District, Tamil Nadu. The Institution in a sprawling stretch of over 50 acres, has been surrounded by lush greenery, is steeped in its dedication to educate and empower the youth. Built by the philanthropists with a passion to serve this seat of learning, it offers the young minds Quality Education with a fine blend of traditional values, modern facilities and professional ethics. Elegantly structured, the classrooms and the laboratories are spacious and well-ventilate. Abiding by the cutting-edge curriculum of its affiliating body, Anna University Chennai, the high-profile faculty, Academic ambience and congenial environment at T.J.S. Engineering College provide high standards of education with freedom and responsibility.

As part of the curriculum of the Mechanical Engineering student's industrial visit is mandatory, so as to provide with them the real insight of industrial practices to fulfill the curriculum demand, we request you to visit your **North Chennai Thermal Power Station, Attipattu**, Kindly accord permission to visit your substation for **50 Students + 2 Faculties** either in forenoon or afternoon session as per your convenient date.

Your support in this regards will not only help the cause of education but will also strengthen the youth of the nation.

Awaiting for your positive response.

Thank you



Yours Truly,

PRINCIPAL

TANGEDCO

From
Er. A.Sakkan, B.E
Superintending Engineer/Opn,
NCTPS-II,
Chennai-120.

To
The Principal,
T.J.S Engineering College,
Tiruvallur-601 206.

E.mail: seonctps2@tnebnnet.org

Lr.No.SE/O/NCTPS-II/EE/CMP&TRG/AEE/TRG/AE/TRG/F-IVT/D.55/2022,DT: 02.05.2022

Sir

Sub: NCTPS -II- CMP & Training Dn.- Industrial Visit for TJS Engineering College-
Tiruvallur-601 206 , students- Permission Granted –Reg.

Ref : 1. Your Letter dated :22.04.2022

With references to the above, Permission is hereby accorded to visit NCTPS-II on 05.05.22 the present batch of 50 students along with 2 staffs of TJS Engineering College Tiruvallur-601 206, subject to adhere the certain conditions stipulated by our Head quarters mentioned in the annexure.

Sl No:	Name of the college	Department	Date of Visit	No.of students with faculty/Date	Batch
1.	TJS Engineering College Tiruvallur-601 206	Mechanical Engineering	05.05.22	25 students + 1staff	Batch-I
				25 students + 1staff	Batch-II

Further the SOP on preventive measures of COVID-19 shall be followed during the visit at NCTPS-II.

Encl: 1.Annexure(Conditions)

Regards

Sd:02.05.2022

**Superintending Engineer/Operation,
NCTPS- II / CHENNAI -120.**

Copy submitted to the Chief Engineer/NCTPS-II for kind information please.

Copy to the Superintending Engineer/M-I/NCTPS-II,Ch-120.

Copy to the Superintending Engineer/M-I/NCTPS-II,Ch-120.

Copy to the Superintending Engineer/CM/NCTPS-II,Ch-120.

Copy to the Superintending Engineer/ES/NCTPS-II,Ch-120.

Copy to the Superintending Engineer/O&E/NCTPS-II,Ch-120.

Copy to the Deputy Chief chemist/NCTPS-II,Ch-120.


Copy to the All the Executive Engineer's/NCTPS-II. kindly depute suitable persons to explain the activities of respective division to the visitors.

Copy to the Safety Officer/NCTPS-II.

Copy to the Assistant Engineer/Security /NCTPS-II.

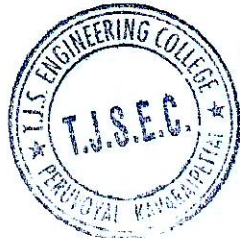
Copy to the DSP/Security /NCTPS-II.




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Gummidipoondi Taluk,
Tiruvallur Dist - 601 206.


**ANNEXURE OF DGP/VIGILANCE/TANGEDCO CIRCULAR MEMO NO:
3987/B11/B112/2015-1, dt.26.03.2015**

S.NO	DO'S	DON'T'S
1.	Vigilance cell/ Concerned Superintending Engineer's permit letter should be surrendered at the entrance of the Power Houses before entering into the vital Installations.	Taking of Photographs is strictly prohibited. Visitors/ Students/ Foreign delegates etc., should not be allowed to carry Cameras, Laptops, Cell phones and other equipments inside the area. They are asked to leave the Cameras, Laptops, Cell phones and other equipments with the security guards before entering the Power House and the Guards should return their things honestly.
2.	The Visitors are allowed from 9.00A.M to 5.00 P.M only.(Visits to Power Houses is strictly prohibited after 5.00P.M.)	The Visitor are strictly prohibited to carry any Package , Bags, Towels, Umbrellas or any other Articles (Tools, equipments etc.,) in to the Power House.
3.	The name, age, address and signature of the visitors should be obtained in the Visitors Book. Signature should also be obtained before departure from the Power house.	The Visitors are not permitted to go close and touch the Equipments/ Machines inside the Vital Installations.
4.	Visitors below 12 years will not be permitted.	The visitors should not be a hindrance to the workers inside the Power House.
5.	If any foreign nationals/ delegates propose to visit, the prior permission should be sought specifically and strictly. Only after getting approval from the D.G.P./ Vigilance, they can be allowed to make visit all the Vital installations.	The Visitors should not wear loose garments during their visit.
6.	Entry passes be issued to the visitors and should be collected back at the end of the visits.	The visitors have to make their own arrangement of transport and food during the period of visits.




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Peruvoyal, Kavaraipettai,
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7.	One of the department staff/ Officers will take the visitors to the various locations of the project till they return to the main gate and also explain the salient features of the equipments in the Power house. Visitors will follow the instructions of the staff, taking them around.	The visitors should agree to make good the loss to the Board, if any caused due to negligence of the visitors.
8.	The strength of the party of visitors will be limited to 35 (thirty five) per batch. If the strength of the visitors is more than thirty five,, they may be allowed only in two batches per day. (i.e) Forenoon & Afternoon	No drawings should be allowed inside the Vital Installations during their visit.
9.	Inside the Vital Installations, the visitors are advised to adhere to the safety precaution, rules and regulations of the TANGEDCO/ TANTRANSCO.	The Visitors (Students) shall not be permitted on all holidays.
10.	Regarding safety, the visitors should be informed at the time of entry into the power Houses that they are visiting the sites at their own risk and that the TANGEDCO/TANTRANSCO will not be liable to pay any compensation in case any accident or untoward incident occurs at the Power House during their visit.	In case of emergency situation if any one/Politician/V.I.P's made a visit to vital Installations of TANGEDCO then the concerned CEs/ SEs should send a report along with his specific remarks to Vigilance cell for ratification of the said visit.


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 Gummidipoondi,
 Thiruvallur Dist - 601 203.

Sd:02.05.2022
Superintending Engineer/Operation,
NCTPS- II / CHENNAI -120.





T.J.S. ENGINEERING COLLEGE
TJS Nagar, Kavaraipettai, Chennai 601206
Department of Mechanical Engineering



INDUSTRIAL VISIT ON 05.05.2022



Industrial Visit at North Chennai Thermal Power Station – II on 05.05.2022

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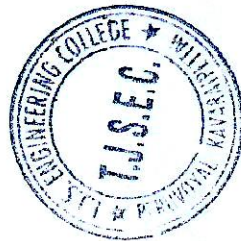
**III YEAR MECHANICAL STUDENTS
(2019-2023)**

Industrial Visit NCTPS Participants





FINAL YEAR

S.NO	REG NO	NAME
1.	112819114002	BALAMURUGAN K
2.	112819114004	DEEPAKKUMAR KV
3.	112819114005	DINESH KUMAR M
4.	112819114006	DIVAKAR R
5.	112819114008	HARISH S
6.	112819114009	JAYAKUMAR M
7.	112819114010	KISHORE KUMAR R
8.	112819114011	KOWSHIK M
9.	112819114012	LOGANATHAN C
10.	112819114013	MOHAN PRASANTH M
11.	112819114014	MURUGAN S
12.	112819114015	PATANAM HEMANTH KUMAR
13.	112819114016	PONVEL K
14.	112819114017	RIGIVAN G
15.	112819114018	SANTHOSH KUMAR S
16.	112819114019	AVINASH S
17.	112819114020	SHEFTON JOSEPH MURRAY
18.	112819114021	SIMSOAN J
19.	112819114022	SINDHU S
20.	112819114023	SNEG HAR N
21.	112819114024	VIJI R
22.	112819114025	VISHAL M
23.	112819114301	ELANGO VAN K
24.	112819114302	YUVANESH K
25.	112819114701	MUKESH




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Thiruvallur Dist - 601 206.

	T.J.S. ENGINEERING COLLEGE TJS Nagar, Kavaraipettai, Chennai 601206		
	Department of Mechanical Engineering		
	INDUSTRIAL VISIT REPORT		

North Chennai Thermal Power Station – II


Industrial Visit on 05.05.2022

Department of Mechanical engineering from T.J.S. Engineering College arranged one day Industrial Visit for 6th Semester Degree students to “ North Chennai Thermal Power Station – II ”, Chennai dated 05th May, 2022 for better technical knowledge enhancement of students. A Team of III year Mechanical students 25 nos. along with 2 faculty members took part in the Industrial visit. We started from TJSEC and reached North Chennai Thermal Power station at around 10 am by our college bus.

North Chennai Thermal Power Station was constructed to serve the purpose of energy generation in the year 1970. It is one of the four major thermal power plants of Tamil Nadu established by TANGEDCO. Presently it has an installed capacity of 450 MW (600,000 hp). The necessary coal arrives through ship to the Ennore Port. However, the construction of the 1,000 MW plants (1,300,000 hp) in the premise began in the year 2007. The Station presently consists of two 60-MW and three 110-MW units. A 500-MW coal-based unit was proposed, and its development started in the month of November 2007. The total cost of the venture was 270 crores.

At the North Chennai Thermal power station II, Mr. Murali, Assistant Engineer of NCTPS II Welcomed and took us to different places of thermal power plant like coal handling plant, Ash handling plant, Bunker, Boiler drum, Turbine, Generator, Cooling tower and explained the working of each sections of power plant. Finally, we visited Siemens control system of plant. Overall, it was very useful for the students and strengthened their knowledge about the Thermal power plant.




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