

To
The Principal (through HOD EEE)
ANITS,
Shaikpet,
Hyderabad.

25/02/2019.

Respected Sir,

Sub: Permission for industrial visit to KTPS V and VI stages requesting req.,

We the students of BTech 2/4, EEE department II sem would like to visit KTPS (Kothagudem Thermal Power Station) for practical exposure. A total of 90 students from EEE A & B are interested to visit KTPS. Hence, we request you to permit us for the industrial tour on 23rd and 24th of March, 2019.

Thanking you,
Your's obediently,
EEE (2/4) students.

[Signature]
class teacher EEEA

HOD, EEE Department

Forwarding to the Principal

Kindly may be permitted to visit the industrial tour to KTPS on 23rd & 24th March
N. Manu Reddy
26/2/19

EEE-A

CR Sudha

ICR Maheen Fathima

EEE-B

CR Ravi

ICR G. Sai Madhura

Forwarded
[Signature] 25/2/19
class teacher EEE-B
(B.N. Reddy)
CT, EEE-B

For
To

HOD - EEE

Permitted to have Industrial visit to Kothagudem on 23rd & 24th March, 2019.
[Signature]
25/2/19

To HR KR
BN/IA
[Signature]
26/2/19

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE

(AUTONOMOUS)

(For Women)



(Sponsored by G. Pulla Reddy Charities Trust, Hyderabad)

Accredited by NBA & NAAC, Approved by AICTE & Affiliated to JNTUH

An ISO 9001 : 2015 Certified Institution



Date: 27-02-2019,
Hyderabad.

From
The Principal,
GNITS,
Hyderabad.

To
The Chief Engineer,
Electrical O & M, KTPS V & VI Stages,
Paloncha - 507115,
Bhadradi Kothagudem,
Telangana.

Sir,

Sub: Educational Visit of Electrical Students to KTPS, (O &M) V & VI stages -
Permission -Requested.

Our II year Electrical Engineering students would like to visit KTPS, (O&M) V & VI stages Power House and Electrical Substation. The total number of students is around 90 accompanying 4 faculty members. Since Thermal Power Generation is included by as one of subjects in their course curriculum, it will be beneficial to the students.

In this connection, I request you to kindly grant permission for the students and staff to visit the Power Station on Saturday, **23-03-2019**. I also request you to kindly arrange for the explanation of various components and operation of the Power Station by the concerned Engineers.

Thanking you,

Yours Sincerely,

AM
27/2/19



Principal
27/2/19.
PRINCIPAL
PRINCIPAL

Copy To:
The Chief Security Officer
Electrical O & M, KTPS V & VI Stages
Paloncha - 507115
Bhadradi Kothagudem
Telangana.

G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

8-1-297/2/ I, Shaikpet, Hyderabad - 500 104, Telangana

☎ : 040-2356 5648 / 2356 5649 E-mail : principal@gnits.ac.in Website : www.gnits.ac.in

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II B.Tech EEE Studnets List For KTPS Visit on 23-03-2019

Sno	Roll No.	Name of the Student	Mobile No.	Sno	Roll No.	Name of the Student	Mobile No.
1	17251A0201	A.Keerthisri	8247478678	46	17251A0259	Y.Sunitha	8501834160
2	17251A0202	B.Haripriya	9676463745	47	17251A0260	B.Valshnavi	7842953376
3	17251A0203	B.Snikitha	9959152180	48	16251A0231	K.Rishika Reddy	8978217699
4	17251A0204	D.Chandana	9100537087	49	17251A0261	ChennaboIna Nandhini	9000734757
5	17251A0206	G.Harika	9848305386	50	17251A0262	Adavelly Ashritha Reddy	8309491135
6	17251A0207	G.Godhadevi	8096256302	51	17251A0263	Alishala Jhansi Sanjana	8106501313
7	17251A0209	J.Nakshatra	7981184263	52	17251A0265	Angadi Ramya Sai	9951511673
8	17251A0210	K.Lavanya	7093053627	53	17251A0266	Bolisetty Thapaswi	7993173932
9	17251A0211	L.V.Sudha Manisha	9248664400	54	17251A0267	Rajarajeshwari Chanda	7396285524
10	17251A0212	L.Deeksha sree	9951210009	55	17251A0268	Chelpur Bhavana	6304328283
11	17251A0213	M.Manasa	8121924871	56	17251A0270	E Suvidha	9100821464
12	17251A0216	Meghana joshi	8801733311	57	17251A0271	Tankasala Gaanalola	8008559319
13	17251A0217	M.B.Sai parvathi	7981580534	58	17251A0272	Gajjala Sri Deepthi	8247768699
14	17251A0218	N.E.Bhavya sree	6301607272	59	17251A0273	Gandi Pravalika	9704434686
15	17251A0219	S.Nikhitha	9493142146	60	17251A0276	Maddipati Srisushma	8885592192
16	17251A0220	P.Nimisha	9441063175	61	17251A0278	T Nischala Adya	9908136238
17	17251A0221	R.Ruchitha	9398999685	62	17251A0279	Palem Manasa	9014028955
18	17251A0223	Sana	9182097264	63	17251A0280	Perumallapalli Srija	8309318647
19	17251A0225	Seema Shirin	8374721020	64	17251A0283	Sai Madhuri G	8317510827
20	17251A0226	S.Yoshitha	9490131099	65	17251A0284	Shaik Nafeez Salma	9381029053
21	17251A0227	S.Ruchitha	9618079885	66	17251A0285	Shaik Wasima	9121346411
22	17251A0229	S.Varsha	9666555065	67	17251A0288	V Nishitha Reddy	9121420658
23	17251A0230	V.Vineela	9491500511	68	17251A0289	Vanteru Vishwaja Reddy	9398572550
24	17251A0231	A.Shivani	8247094295	69	17251A0292	Azmeera Keerthi	6300482061
25	17251A0232	N.Aakanksha	7893805319	70	17251A0293	Badugula Akshaya	9121559070
26	17251A0233	T.Akshita	7981452787	71	17251A0294	Battu Pravalika	7095424097
27	17251A0235	B.Priyanka	9848748296	72	17251A0295	Bonala Bhavani	8309810790
28	17251A0237	D.Sudhamayi	8340819461	73	17251A0296	Buragoni Nikhila	9010981187
29	17251A0239	G.Sai Varshini	9121359352	74	17251A0297	G Ganga Bhavani	9398775535
30	17251A0240	N.Indhu Reddy	7901449644	75	17251A0298	Itikyala Mouna	7093423289
31	17251A0241	I.Anjali	9515000776	76	17251A02A0	Kankati Sai Charitha	8309491135
32	17251A0242	J.Tulasi Naga Deepika	9652638496	77	17251A02A2	Korivi Lalasa	8074483001
33	17251A0243	K.Keerthi	9121664720	78	17251A02A3	Kota Sitha Manaswi	9182030499
34	17251A0244	K.Sai Lekha Reddy	9121412905	79	17251A02A4	K Asritha Vatsala	8919914789
35	17251A0245	K.Hrithika Reddy	8466071556	80	17251A02A6	M R S S L Sarwani	9491306763
36	17251A0246	Maheen Fathima	7013970478	81	17251A02A7	M Monalisa Chowdary	8179333279
37	17251A0247	M.Sravani Reddy	9100375453	82	17251A02A8	Mosali Shriya	9603511821
38	17251A0248	M.Tejasree	9182151813	83	17251A02B4	Ponnoju Nagashirisha	8985150527
39	17251A0249	P.Preethi	9121674762	84	17251A02B6	P Preethi Reddy	6302344162
40	17251A0250	P.Suchitra	9121350715	85	17251A02B7	Sreeramdas Divya	9948607010
41	17251A0251	M.Pravalika	8106476195	86	17251A02B9	Theetla Meghana	7981099889
42	17251A0254	V.Sai Deepshika	9441100612	87	17251A02C0	V Omkari Sal Ruthwika	9121755474
43	17251A0255	S.Anusha	9542686315	88	18255A0213	Yedla Navya Sri	8341749553
44	17251A0256	Tabassum	8464862489	89	18255A0214	Mandala Shirisha	7673919405
45	17251A0257	T.Nagasri	6303260185	90	18255A0223	Amudala Deepika	6303808033

10/10
 K. Krishna Murthy
 Dept. of Electronics & Electronics Engg.
 G. Narayanna Institute of Technology & Science

N. N. N. N. N. N.
 Head of the Dept. of EEE
 G. Narayanna Institute of Technology & Science

8-1-297/2/ I, Shaikpet, Hyderabad - 500 104, Telangana
 Phone: 040-2356 5648 / 2356 5649 E-mail : principal@gnits.ac.in Website : www.gnits.ac.in

TELANGANA STATE POWER GENERATION CORPORATION LIMITED
KOTHAGUDEM THERMAL POWER STATION - V&VI STAGES / PALONCHA

From,
The Chief Engineer,
Operation & Maintenance,
KTPS V & VI Stages,
Paloncha-507115.

To,
The Principal,
G.Narayanamma Institute of
Technology & Science(for Woman),
Shaikpet,
Hyderabad-500104.

Lt. No. CE/O&M/KTPS V&VI stages/F, Plant Visit/D.No. 186 / 2018-19, dt. 03.03.2019

Sir,

Sub: KTPS V&VI Stages - Permission for visiting KTPS V&VI stages, Paloncha to the B.Tech Electrical & Electronics students of G.Narayanamma Institute of Technology & Science(for Woman). - Permission granted - regarding.

Ref: your request letter dated 27.02.2019 and received on 01.03.2019

...

With reference to your letter cited above, the permission for plant visit is granted to 90 students and 4 faculty members from G.Narayanamma Institute of Technology & Science(for Woman), on 23.03.2019 (Saturday) for visiting KTPS V&VI stages from 10:00 hrs to 17:00 hrs.

All necessary safety precautions are to be strictly followed during the visit. It may please be noted that TSGENCO will not be responsible for any kind of accident to the staff and students inside the plant premises during the above said period. You are requested to complete your visit before 17:00 hrs and handover the mobiles to the Duty officer SPF in the gate while entering into the plant.

Yours faithfully,

-Sd/-

Chief Engineer,
O&M / KTPS V & VI stages

Copy to: the Superintending Engineer / O&M / KTPS V stage – for information please
Copy to: the Superintending Engineer / O&M / KTPS VI stage – for information please
Copy to: the Divisional Engineer / Fire & Safety / KTPS V&VI stages – for information please
Copy to: the Asst Security Officer / KTPS V & VI stages – for information please.
Copy to: the Duty officer SPF / KTPS-V&VI stages - is requested to depute one Security Constable to escort the visitors till they leave the site.

To
HoD-EEE
please to sign

11.03.2019

I/F.B.O/H
g Madhav
07/03/19

Divisional Engineer/Technical,
KTPS-V&VI STAGES.

To Mr. P.K. Reddy from Sec
for N/A
13/3/19

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1	17251A0201	A.Keerthisri	8247478678	47	17251A0261	Chennaboina Nandhini	9000734757
2	17251A0202	B.Haripriya	9676463745	48	17251A0262	Adavelly Ashritha Reddy	8309491135
3	17251A0203	B.Snikitha	9959152180	49	17251A0263	Alishala Jhansi Sanjana	8106501313
4	17251A0204	D.Chandana	9100537087	50	17251A0265	Angadi Ramya Sai	9951511673
5	17251A0206	G.Harika	9848305386	51	17251A0266	Bolisetty Thapaswi	7993173932
6	17251A0207	G.Godhadevi	8096256302	52	17251A0267	Rajarajeshwari Chanda	7396285524
7	17251A0209	J.Nakshatra	7981184263	53	17251A0268	Chelpur Bhavana	6304328283
8	17251A0210	K.Lavanya	7093053627	54	17251A0270	E Suvidha	9100821464
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38	17251A0248	M.Tejasree	9182151813	84	18255A0214	Mandala Shirisha	7673919405
39	17251A0249	P.Preethi	9121674762	85	18255A0223	Amudala Deepika	6303808033
40	17251A0250	P.Suchitra	9121350715				
41	17251A0251	M.Pravalika	8106476195				
42	17251A0254	V.Sal Deepshika	9441100612	1		Mrs.B.Narmada	9490215517
43	17251A0255	S.Anusha	9542686315	2		Mr.Ch.Leela Krishna	9700874594
44	17251A0256	Tabassum	8464862489	3		Mr.M.P.Edward Kumar	8019398525
45	17251A0257	T.Nagasri	6303260185	4		Mr.B.Shashidhar	9618540491
46	17251A0259	Y.Sunitha	8501834160				

K.Krushna Murthy
Visit Incharge

N. Malle Reddy
Dr. N. Malle Reddy
HOD-EEE
G. Narayanna Institute of
Technology & Science
Autonomous (For Women)
Chaitanyam Hyderabad - 500 008.

SCHEDULE FOR KTPS INDUSTRIAL VISIT FOR II B.Tech EEE

DATE	TIMINGS	PROGRAM
22/3/2019	9:00 PM	STARTING FROM COLLEGE TO BHADRACHALAM
	5:00 AM	REACHED TO REDDY CHOULTRY & FRESH UP
	7:00 AM-8:30 AM	TEMPLE VISIT
	8:30 AM-10:00 AM	BREAKFAST
	10:00 AM-12:00 PM	DRIVE TO KINNERSANI DAM AT PALONCHA
	12:00 PM-1:30 PM	LUNCH
	2:00 PM-6:00 PM	KTPS V & VI STAGE VISIT
	6:00 PM-7:00 PM	BACK TO BHADRACHALAM
	7:00 PM-8:00 PM	DINNER AT BHADRACHALAM & STAY
	5:00 AM-8:00 AM	DRIVE TO PAPIKONDALU
	8:00 AM-4:00 PM	PAPIKONDALU VISIT INCLUDES BREAKFAST & LUNCH
	4:00 PM-7:00 PM	BACK TO BHADRACHALAM
	7:00 PM-9:00 PM	DINNER AT BHADRACHALAM
	9:00 PM	BACK TO HYDERABAD
25/3/2019	5:00 AM	REACHED TO COLLEGE

V.V.
TOUR CO-ORDINATOR

N. Madhukumar
HOD-EEE

REPORT ON
INDUSTRIAL VISIT

Place : Kothagudem Thermal Power Station V & VI Stages
Visitors : II B.Tech II Sem EEE A & B Sections
Strength : 85
Date(s) : 22-03-19(Evening) to 25-03-19(Morning)

A thermal power station is a power station in which heat energy is converted to electric power. In most of the places in the world the turbine is steam-driven. Water is heated, turns into steam and spins a steam turbine which drives an electrical generator. After it passes through the turbine, the steam is condensed in a condenser and recycled to where it was heated; this is known as a Rankine cycle. Since Thermal Power Generation is included as one of subjects in the course curriculum of II B.Tech, EEE, so for the benefit of the students, the visit is planned to KTPS V & VI stages from 22-03-19 to 25-03-19.

Kothagudem Thermal Power Station is located at Paloncha in Telangana, India. The power plant has an installed capacity of 1,720 MW with 11 units in operation. It is one of the coal based power plants of Telangana Power Generation Corporation Limited (TSGENCO).

On 22-03-19 evening 85 students along with 4 faculty members started their journey to Bhadrachalam from GNITS. On 23-03-2019 morning they reached to hotel in badhrachalam. After fresh up & breakfast, temple is visited. After Lunch, the journey towards KTPS is started.

Around 2.00PM, after security check up, students were entered into KTPS V & VI stages.

Mr. Gopala Krishna, ADE who had helped us in getting permission, received our students and he has arranged 4 engineers for explaining various sections of power plant. The V stage is having 2 units, each capacity of 250 MW and VI stage is having one unit with capacity of 500 MW. Both stages are started their commissioning from 1997 and 2011 respectively and presently they are in running condition.

The students are divided into 4 batches and each batch is assigned with an engineer. They started their explanation starting from control room, where entire power plant is generally controlled through the super computers. Students visited various sections of plant like coal and ash handling plant, ball mills, boiler- chimney, super and air-pre heaters, turbines and synchronous generators and switch yard. The engineers clearly explained about all sections of plant and clarified doubts raised by the students. After major sections of power plant, the students also visited cooling towers, one of the beautiful structures in the plant where the draughts are available for cooling the condensed steam.

After getting practical exposure to thermal plant, the students left the plant around 5:30PM and reached to KINNERASANI dam. This dam supplies the water required for KTPS. It is located 15km away from KTPS in the hilly and thick forest area. After dam visit, students were reached to hotel again and stayed to night.

On 24-3-19 morning, students started their journey to visit papikondalu which is located 70km away from bhadrachalam. After their visit, they reached to hotel and had dinner. Around 10:00PM, the journey started to Hyderabad and reached to GNITS at 6:30AM on 25-03-19. With this the visit to KTPS is successfully finished.

K.Krushna Murthy
(Visit I/C)

N. Malla Reddy
Dr. N. Malla Reddy
(HOD-EEE)
26/3/19

CC To: 1. Principal Sir for kind information
2. OC

KOTHAGUDEM THERMAL POWER STATION V&VI STAGES PALVANCHA
AN ISO 14001:2015 CERTIFIED PLANT



KOTHAGUDEM THERMAL POWER STATION V&VI STAGES PALVANCHA
AN ISO 14001:2015 CERTIFIED PLANT



