

(Autonomous)

ADB ROAD, SURAMPALEM

DEPARTMENT OF CIVIL ENGINEERING

Surampalem

Dt:14-11-2023

From.
Head of the Department,
Department of Civil Engineering,
Pragati Engineering College,
Surampalem.

To The Principal, Pragati Engineering College, Surampalem. Respected sir,

Sub: Request for arranging field trip to III Year Students-Reg

We department of civil Engineering is planning to take the students for the field trip to "Construction of POST TENSIONING SLAB at KAKINADA DMART" (With the support of Er. Badam Sundararao Garu, Chairman of ACCE(I), Kakinada. As the work is going on, Students of III year B.Tech students can gain the knowledge related to Design in the practical session. We kindly request your permission to arrange this field trip dated on 20-11-2019 to III Year students.

Thanking you sir,

Yours Sincerely

(Autonomous)

#1-378, ADB Road, Surampalem - 533 437, Near Peddapuram, E.G.Dist., A.P. (Approved by AICTE, Permanently Affiliated to JNTUK Kakınada & Accredited by NBA) (Recognized by UGC Under Sections 2(f) and 12 (b) of UGC act, 1956) Ph: 08852 - 252233, 252234, 252235 Fax: 08852 - 252232, website:www.pragati.ac.in

DEPARTMENT OF CIVIL ENGINEERING

Report on

INDUSTRIAL VISIT

CONSTRUCTION OF POST TENSIONING SLAB AT KAKINADA D-MART

- Er.Badam Sundararao Garu, Chairman of ACCE (I) -KAKINADA

Date: 15Nov, 2023

ssociation of Consulting Civil Engineers (India), Kakinada centre organized a Industrial visit to "POST TENSIONED SLAB WORK" at Kakinada by "Er.Badam Sundararao Garu, Chairman of ACCE(I) -KAKINADA" on 15 Nov 2023. The industrial visit focused on exploring the intricacies of post-tensioned slab work within the construction industry. The visit aimed to provide participants with practical insights into the application of post-tensioning techniques in the construction of slabs for various structures

ey Observations:

Post-Tensioning Process:

Participants witnessed the step-by-step process of post-tensioning, from the installation of dons to the tensioning of cables. Engineers explained the importance of precision in the placement of dons and the use of specialized equipment for tensioning.

Materials Used:

Detailed insights were provided into the materials used in post-tensioned slabs, including highingth steel tendons and grouting materials. Participants learned about the specifications and quality idards adhered to in selecting these materials.

itructural Design Considerations:

Engineers highlighted the role of structural design in post-tensioned slabs, emphasizing the need careful planning and collaboration between architects and structural engineers. Discussions centered oad distribution, deflection control, and the overall structural integrity of the slabs.

Quality Control Measures:

The visit shed light on the rigorous quality control measures implemented throughout the construction process. Participants gained insights into non-destructive testing methods employed to ensure the integrity of post-tensioned elements.

Safety Protocols:

Emphasis was placed on safety measures during post-tensioned slab construction, including the use of personal protective equipment (PPE) and adherence to industry safety standards. Participants were briefed on emergency protocols and the importance of a safety-first approach on construction sites

The picture of the event and glimpses of slides presented were mentioned in the report stated.





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DEPARTMENT OF CIVIL ENGINEERING

Date of Visit: 15-11-2023

Location: POST TENSIONING SLAB at Kakinada Dmart Participants: III Year B.Tech Civil Engineering Students

Student List with Signature

S.No	Roll Number	Name of the Student	Signature
1	21A31A0101	A Tefaswini	Tefalmini
2	21 A3110102	ch. Meghana	Meghana
3	21A31A0103	D. Anusha.	D. Aryla
4	POIOAIEAIE	Gr. Gowthami	Gr. Growtherni
5	21 A31-A0105	k. Anjali	O Drjalin
6	21A3LA0106	s. greeshma	S. Greeshman
7	21A31A0107	G Dayanidhi	a Dayano hi
8	21A31A0108	J. mahalakshmi	mahatakashmi
9	2143140109	K·Harstasni	Houshasni
10	2183180110	M. Leela Aschana	A lecla Dicham
11	21-13140111	PilagaDevi	May ben.
12	2143140112	p. prothyusha	p. pronthy ushow
13	21A31A0113	S. Pavani	S. Pavani
14	2 H31A0114	V-Hrnautosh	Hranixton
15	21A31A0 115	N. Priya	Priya
16	DIASIAOUG	1. Saranya Sahithi	Sahihi
17	21 A31 A0117	Y. Pravallika	Pravallka
18	ALASIAO118	A. Siva prockash	A. Smyfralegyl
19	P110A 18A18	B. Thom Bhasken	B. The Dry
20	@183180120	B. Sydhar	Smothan
21	21A31A0121	Ch. Kishore	Chrosho
22	21 931 40122	D. Y. Y. Sai	Saile
23	21A31A0183	G. Ganados	Chudan

24	21 A31A0124	G. John Mukesh	G. John tulou
25	21A31A0125	J. Chardu	Chandu L. Lewith.
26	2510418AIT	J-LIKITH	L. Lewith.
27	21A31A0127		R. Marthisp
28	21A31A0128	J. Teja K. Kwithik,	R Wirthisk
29	Q1A31A0 129	K Mon kuta.	1. no
30	2143140130	K. Harshav wodhom	Hamla
31	21A31A0131	L.V. G. Lolyh.	diffulch.
32	21A5/A0/32	m. Ajaykumar	Majaykuna
3.3	21A31A0133	M. Prashanth	H. Prasharth
34	21A31A0134	M. purga pravad S. Maho has riddy	Manohas
35	2/A31A0134 2/A31A0135	S. Mahoharriddy	
36	PEIOAIZAI B	P. Vouma	Piller
37 .	21 A3 190136	N.M. KUMAR.	Der
38	214314038	P. Hoban anay	Dillinay
39	21A3 1A0 1389	P. Durglak JAmi Prosad	p. Puraa Jaxan Prox
40	& 1231 A0140	P. Diresh.	PRish
41	21 A31A0141	s. Hazondra	3-nationate
42	21A3/A0142	S.H. Raja	S. H.Ru
43	21A31AU143.	V. Koridingh.	v. Koti dinth
44	2143140144	V. Vinod kunas	. Vinod burnas
45	21/31/40145	Y. Tayakanth	Jay akarth
46	21A31A0146	S. Charraga	g. 'chotevery Mrashishkuma'
47	21A31A0147	M. ashishtumar	mag hishkumaj
48	22A35A0101	N. Malleswori	M. Mallisward
49	22A35A0102	N. Preethi	N. Sheuth
50	22-A3-5A0103	b. shamada Keerthi	C. Shammela Kooth
51	28A35A0105	ch Surya Ieja	Ch Stepan
52	22 A3500106	D. Vinay	D. Vinness
53	22 A35 A0107	•	K. Sulying
54	22 A35 A0107	K. Jest a succept	K. Aia waxop
55	22.435A0109	N. Lakehman	Lakehman

56	22 A 3 CAOLLO	R. Sai	Sai
57	22A35A0101	V. Rokelh.	y. Dealers
58	22A35A0112	K. Kishov Kunot	K.K.Kust

TO

The Principal,

Pragati Engineering College (A).

SURAMPALEM.

Sir,

21A31A0101 Studying in II B. Tech in your college willing to go to the event 2 ndustrial; pon 15/11/23

I will stick to the program strictly as per the directions of the staff accompanying the tour. In this period I will follow the rules and regulations as mentioned below.

- 1. All students should assemble according to the timing's of Schedule and report to the student leader
- 2. Girls students should be always with the lady staff who is accompanying the tour and should not go anywhere.
- 3. The students should always carry their identity cards.
- 4. The students should follow the orders and directions of student leader and teaching staff.
- 5. The students should maintain discipline while in journey.
- 6. All students remain in group
- 7. Students should not to bring any laptops, floppy disks, Pen-Drives, Cameras inside the industry.
- 8. Students should not enter into water and other dangerous sports.
- 9. Students should maintain dignity and decorum at all places.
- 10. Should not get into argument with any person.
- 11. I have informed my parents regarding my participation in the above event and I will submit a letter from my parent also in this regard.

I understand that in case of any eventually the institution is not held responsible. I take my own responsibility if I don't follow these rules.

Tegalwini Signature of the student

TO

The Principal,

Pragati Engineering College (A),

SURAMPALEM.

Sir.

	A.J. Siva Prohash	Bearing Roll No
21A31A0118	Studying in	willing to go to the event
$\mathcal{I} \cdot \mathcal{V}$	on 15/11/2023	

I will stick to the program strictly as per the directions of the staff accompanying the tour. In this period I will follow the rules and regulations as mentioned below.

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రావు కృష్ణ 12466 59994 Signature of the student

10

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Pragati Engineering College (A),

SURAMPALEM.

21A31A01228tudying in III B. Tech in your college willing to go to the event Industrial on 1914 21

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YELERU RESERVOIR PROJECT YELESWARAM

(Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437
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D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

DEPARTMENT OF CIVIL ENGINEERING

Surampalem, Dt: 09/11/2023

To

The Principal,

Pragati Engineering College,

Surampalem.

Sub: Request for the industrial visit to Yeleswaram Reservoir Reg.

Respected Sir,

We, the department of civil engineering are planning to conduct an industrial visit in between 13th to 17th November, 2023 to Yeleswaram Reservoir for any one day. Kindly accept the request for the visit and do the needful.

Thanking you sir,

Faculty Coordinators

1. Mrs. V.Tanuja, Assistant Professor.

2. Mr. D.V.D.Prasad, Assistant Professor.

Yours Sincerely

Dr. K.Sardja Rani,

Associate Professor

CE- Department

(AUTONOMOUS)

#3-180, ADB Road, Surampalem, Kakinada District, A.P. - 533 437.

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aming is Supreme Deity

D.No. 2-46-21, Near D-Mart, Kakatiya Nagar, Kakinada. Ph : 7330826667, 7337458886

INDUSTRIAL VISIT

Surampalem, Dt: 09-11-2023

From:

Dr. K. Satyanarayana,

M.Tech, Ph.D

Principal.

To
The Executive Engineer,
YRC Division,
Yeleswaram.

Dear Sir,

Sub: Request permission to visit Yeleswaram Reservoir for II B.Tech I semester Civil Engineering Students of Pragati Engineering College – Reg.

Pragati Engineering College was started in the academic year 2001-2002. The college has made rapid strides and acquired a good name as premier engineering college in the state of Andhra Pradesh. Our Institution is NBA "A" grade accredited, having permanent affiliation status by JNTUK Kakinada and AUTONOMOUS status by UGC.

In order to promote Industrial exposure to our students, we organize Industrial visits to them every year. As a part of the programme, I request you to give permission for 63 Nos, of B.Tech II Year Civil Engineering Students accomplished by two staff members of our institution to visit your industrial unit.

Kindly give permission for the visit in between 13th to 17th Nov, 2023 (any one day).

Thanking you sir,

Contact Details: Dr. K.Saroja Rani,

HOD- CIVIL Ph No.9502255765 Yours Sincerely.

PRINCIPAL

PRAGATI ENGINEERING COLLEG (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALE rear Peddapuram, E.G.Dt. (AP)

1-378, ADB Road, Surampalem, E.G. District, A.P. - 533 437

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DEPARTMENT OF CIVIL ENGINEERING II CIVIL I SEM STUDENT LIST

SI.No	Roll.No	Student Name	
1	22A31A0101	BIKKINA BHAVANI	Signature
2	22A31A0102	DAMMALA SIRISHA	< Abent ->
3	22A31A0104	GORRELA PAVITRA LAHARI	D-Sirisha
4	22A31A0105	KAKARLA MANGA DEVI	Co. Pavitve labori
5	22A31A0106	MUMMIDI ANNAPURNA	- Abunt ->
6	22A31A0107	NELA HARIKA LAKSHMI	M. Annapyrna
7	22A31A0108	PARASA MAHANVITHA	N. Havika Lakelo
8	22A31A0109	RACHAPALLI NANDINI DEVI	Pinahamitha
9	22A31A0110	SABBINEEDI JAHNAVI LAKSHMI DEVIPRIYA	R. Nandinidevi
10 *	ZZASIAUIII	SUNKARA ISHWARYA AMBIKA	- Abunt ->
11	22A31A0112	TEJASWINI SAI DURGA PEDDIMSETTI	S. I storacya Ambieta
12	22A31A0113	BADIYA LALUPRASAD	P. Topogoini Sai Durga
13	22A31A0114	BONAGIRI SRIRAM	B- Lander Donoth
14	22A31A0115	DASARI LOVA DURGA SRI MANENDRA	B. Sx Fram
15	22A31A0116	GANTA NAGA VENKATESWARA RAO	Abunt ->
16	22A31A0117	GUBBALA TATOJI RAJ VARDHAN	G. SIV-ROOP
17	22A31A0118	KAPILESWARAPU JAGADEESWAR	15. Rejeastry
18	22A31A0119 I	LANKA RAM VINOD KUMAR	V. Sagabascilas
19		MALLIDI VENKATESH REDDY	Colluga
20	22A31A0121 N	MOTHUKURI RAM SAI	MURALE
21		MOTUPALLI VENKATA SUBBA RAYUDU	* Abunt ->
22		MUPPIDI BOBBY ARISH	1. 3. Charagreel
23		NANDIPATI SAI KIRAN	(Abunta)
24		IANDURI RADHA CHAKRADHAR	N- Saithany
25		JEKKANTI YAJATH VENKAT RAM	IV Polhato do
:6		ATI HEMANTH VENKATA CHAKRADHAR	N-drawt-01
7		EMMADI MANIKUMAR	Phonon
		EPAKAYALA CHAKRA GANGADHAR	P. Mari Kung
		ITLA GOPI	1 Clangton
		ULAPA VAMSI KRISHNA	Abrent ->
		AGIREDDY MOHAN NAGA BALA RAM	For Come
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_		AITANA SATYANARAYANASWAMY	Kunst
		AMATAM HARSHA SAINADH	5500
		ANGISETTI V V SUBRAHMANYAM	head
		HAIK HUSSAIN	Solo
		A III TOSSAIN	S-10830 AM

38	22A31A0139	SUNKARA VEERABABU	Silen
39	22A31A0140	THOTA SRI UMA VENKATESH	Blend
40	22A31A0141	VANGALA SATYANARAYANA	Abn
41	23A35A0101	AMARTHI SUSHMA	A. Such
42	23A35A0104	KADA DEVI UDAYA BHANU	K. Dava Ud
43	23A35A0105	KADIYALA LAHARI VENKATA DURGA	KLVBU
44	23A35A0109	SABBARAPU SATYA SIVANI	S. Salar
45	23A35A0110	ABBIREDDY TONI VIBHATH SIVA MANIDEEP	Ab.
46	23A35A0112	DANDEMSETTI MADHU	- Ah
47	23A35A0113	DERA MAHESH	D. Eve
48	23A35A0121	THURANGI PHANEENDRA KUMAR	Jehr
49	23A35A0102	DOKKADI MADHULATHA	D. Mad
50	23A35A0103	GONELA HEMA LATHA KALYANI	G. H. L.
51	23A35A0106	KOSURI LIHARIKA RATNAM	Lihan:
52	23A35A0107	MORUKURTHI MOUNIKA	64.4.5
53	23A35A0108	REDDY VASAVI	MIMOU
54	23A35A0111	BANDARU SATISH	Va
55	23A35A0114	DONTHIKURTHY SURYA VENKATA NAGA SAI	10 Ab
56	23A35A0115	GUDA SHALEM RAJ	O Mini
57	23A35A0116	KALLA KAILASH	a. Shal
58	23A35A0117	KAMU BHAGYARAJ	X Ab
59	23A35A0118	KANDREGULA KODANDA VEERA VENKATA SAI	- At
60	23A35A0119	RAKANAM VENKATA DURGA RAGHAVENDA	AL
61	23A35A0120	SUNDARAPALLI VEERA DURGA PRAVEEN	K. Krio
62	23A35A0122	YEDIDA NANI SATISH	S.V.D

Incharge



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1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437

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DEPARTMENT OF CIVIL ENGINEERING

REPORT ON YELERU RESERVOIR PROJECT

The II B.Tech Civil Engineering students have gone on one day field visit to YELERU RESERVOIR PROJECT (Yeleswaram) on 15th November, 2023. A total of 47 students have attended the visit accompanied by 2 faculty members.

- 1). Yeleru Reservoir Scheme envisages formation of earth dams across the river Yeleru to form a Reservoir near Yeleswaram (V) in Kakinada District with a gross storage capacity of 24.11 TMC at FRL+ 86.50m with the canals on either flank.
- 2) The Yeleru Reservoir Project (Head works) comprises of formation of earth dams in 6 Gaps Le Gap No.I, II, IV, V, VI and VII and Spillway regulator with radial crest gates (10 No's) in Gap No.III.
- 3) Construction of dam completed in the year 1991 and released water to imigation and vizag steel plant.
- 4). The Yeleru Reservoir Project is meant for supply of water to Visakhapatnam Steel Plant in first Phase in addition to the stabilization of existing Irrigation ayacut to an extent of 67.614 acres (27,363 Hec.) out of 1,09,314 acres of ayacut is being served under 225 Nos of open head channels in Yeleru System and 6,096 Acres of ayacut under Thimmaraju tank is being irrigated by this project. About 41,700 acres of existing ayacut under the irrigation system of Yeleru Reservoir is delinked from Yeleru System and attached to Godavari Delta System by excavating a new branch canal named Pithapuram branch canal from Samalkota canal.
- 5) It is contemplated in the Yeleru Reservoir Project that water is to be released only for 1 Crop and garden crops to the ayacut under Yeleru Irrigation System to an extent of 67,614 Acres. A quantity of 12.95 TMC is allocated to Y.I. System as per Project Report and 5.00TMC is allocated to Visakhapatnam Steel Plant.
- 6) The storage capacity at spillway crests level Le +76.56M is 9.78TMC. The storage capacity between F.R.L and spillway crest level is 14.33TMC (24.11-0.78), which includes 12.95TMC of waters to irrigation and 1.38TMC of waters to Visakhapatnam steel plant. The storage capacity between the water levels Le spillway crest level (+76.56M) and M.D.DL (+72.54M) is 3.62TMC and the same is to be spared for the purpose of requirements of Visakhapatnam steel plant during drought years.

Note on M/s Manihamsa Power Projects Limited, Yeleswaram

The APSE Board In its Proceedings No BP(Project IPC) No.169 dated 0.03.1998 has accorded permission to V. Chandra Sekhara Reddy, special class contractor, lavulapalem, East Godavari District for construction of Mini-Hydel project on Yeleru leservoir Project in Gap No.2 on the downstream of Diversion-cum-River sluice(DCR) with n a distance of 750mts.

Mini-Hydel Electric power plant and the company has entered in to the agreement vith Managing Director, NED CAP, Andhrapradesh Limited, on 10th Day of May 1999. The M/s Manihamsa power projects Limited company has approached the Government of Andhrapradesh, I&CAD Department for taking permission for establishment of Mini-Hydel power project of 3M.W capacity on the downstream of DCR sluice in Gap No.2 of Yeleru Reservoir Project by utilizing up to a maximum of 600 Cusecs for the purpose of generating electricity and to divert the utilized water to the main river through tail race channel, which the Governor has agreed and accorded permission to /s manihamsa power projects imited for construction of 3MW(1.5 MW X 2) Mini Hydel power project in G.O.Ms.No.123 rrigation & CAD Department dated 1st September 1999 and allotted an extent of 11.41 Acres of Irrigation Department land at Yeleswarm and Ramanayyapeta villages on lease basis for 30years on usual terms and conditions at the rate of Rs 5135/- per month, as per G.O.Ms.No.151 Transport, Roads and Buildings(R 111) Department dated 18.06.1994 subjected to the terms and conditions.

The firm constructed 1st & 2nd units of 3 MW (i.e. stage- I) left side of vent for power generation and generation of power started on February 2001.

NED CAP has accorded permission for enhancement of station capacity from 3 MW to 4.5 MW by addition of 1.50MW capacity to the existing (1.5 MW X 2) station capacity (I.e 3 MW) vides NEDCAP/MHS/20/101/2002-03/1627 dated 29.08.2002.

Vide G.O.Ms.No.98 Dated 25.05.2006 Irrigation &CAD Department has given permission for installation of 3rd unit of 1.5MW .The Firm concluded agreement with the Superintending Engineer, Irrigation Circle, Dowlaiswaram for increasing the capacity of Mini Hydel power project from 3.0 MW to 4.5 MW by using both left and right vents within the allocated 600 Cusecs of discharge from the downstream of DCR sluice in Gap No.2 of Yeleru Reservoir Project for power Generation.

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ne Principal,	
agati Engineering College,	
ırampalem.	

r.	
1. G- pavitra Lahari	Bearing Roll No. 22A31A0104
udying II yv Civil in your college w	villing to go to the event Troustrial visit
15/11/2023	

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I will not carry any laptops, floppy disks, pen-drives, cameras inside the industry.

I will not enter into water and other dangerous spots.

I will maintain dignity and decorum at all places.

I will not get into argument with any person.

I have informed my parents regarding my participation in the above event and I will submit a letter from my parent also in this regard.

I will follow the guide lines during industrial visit.

I understand that in case of any eventually the institution is not held responsible. I ke my own responsibility if I don't follow the above rules.

J- Kan R. Ruignature of the Parent:

arent Contact Number: 9989879727

G-pavitva lahari Signature of the Student

To	
The Principal,	
Pragati Engineering College,	
Surampalem.	
Sir.	
I, M. Annapurna Bes	aring Roll No. <u>55A31A0106</u>
Studying	to the event <u>Industrial</u> Visit
on_15/11/2003	
During the industrial visit, I will follow the rules and re	egulations as mentioned below.
1. I will always carry my identity card.	
2. I will be disciplined in the Company/Industry.	
3. I will not carry any laptops, floppy disks, pen-drives, can	neras inside the industry.
4. I will not enter into water and other dangerous spots.	
5. I will maintain dignity and decorum at all places.	
(I ill and and into argument with any person.	
7. I have informed my parents regarding my participation i a letter from my parent also in this regard.	n the above event and I will submit
8. I will follow the guide lines during industrial visit.	
I understand that in case of any eventually the in take my own responsibility if I don't follow the above rule	nstitution is not held responsible. I s.
	M. Annapurna
Signature of the Parent: M. Sotyamondon	Signature of the Student
Parent Contact Number: 9603647899	

RAJAHMUNDRY WATER TRATEMENT PLANT

Pragati engineering college

(AUTONOMOUS)

#3-180, ADB Road, Surampalem, Kakinada District, A.P. - 533 437 (Approved by AICTE, Permanetly Affiliated to JNTUK, Kakinada.) (Recognized by UGC Under Section 2(f) and 12 (B) of UGC Act, 1956)

Ph : 08852 -252233, 34, Website : www.pragati.ac.in

rning is Supreme Deity"

(Sponsored by M/s, Gayatri Educational Society)

D.No. 2-46-21, Near D-Mart, Kakatiya Nagar, Kakinada. Ph : 7330826667, 7337458886

INDUSTRIAL VISIT

Surampalem, Dt: 02-01-2024.

From:

Dr. K. Satyanarayana,

M.Tech, Ph.D

Principal.

To The Superintendent Engineer, Head Water Works, Rajahmundry.

Dear Sir,

Sub: Request permission to visit Rajahmundry Water Treatment Plant for III B.Tech II semester Civil Engineering Students of Pragati Engineering College – Reg.

Pragati Engineering College was started in the academic year 2001-2002. The college has made rapid strides and acquired a good name as premier engineering college in the state of Andhra Pradesh. Our Institution is NBA "A" grade accredited, having permanent affiliation status by JNTUK Kakinada and AUTONOMOUS status by UGC.

In order to promote Industrial exposure to our students, we organize Industrial visits to them every year. As a part of the programme, I request you to give permission for 58 Nos. of B.Tech III Year Civil Engineering Students accomplished by two staff members of our institution to visit your industrial unit.

Kindly give permission for the visit in between 03rd to 06th January, 2024 (any one day).

Thanking you sir,

Contact Details:

Dr. K.Saroja Rani, HOD- CIVIL

Ph No.9502255765

Yours Sincerely.

PRINCIPAL Principal

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)
D.No. 3-180, ADB Road, Surampalem 533437

Tingt Peddapuram, Kakinada District, A.P.

(AUTONOMOUS)

#3-180, ADB Road, Surampalem, Kakinada District, A.P. - 533 437. (Approved by AICTE, Permanetly Affiliated to JNTUK, Kakinada.) (Recognized by UGC Under Section 2(f) and 12 (B) of UGC Act, 1956)

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D.No. 2-46-21, Near D-Mart, Kakatiya Nagar, Kakinada. Ph : 7330826667, 7337458886

INDUSTRIAL VISIT

Surampalem, Dt: 02-01-2024.

From:

"Learning is Supreme Deity"

Dr. K. Satyanarayana,

M.Tech, Ph.D

Principal.

To The Superintendent Engineer, Head Water Works, Rajahmundry.

Dear Sir.

Sub: Request permission to visit Rajahmundry Water Treatment Plant for III B.Tech II semester Civil Engineering Students of Pragati Engineering College - Reg.

Pragati Engineering College was started in the academic year 2001-2002. The college has made rapid strides and acquired a good name as premier engineering college in the state of Andhra Pradesh. Our Institution is NBA "A" grade accredited, having permanent affiliation status by JNTUK Kakinada and AUTONOMOUS status by UGC.

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HOD-CIVIL

Ph No.9502255765

Yours Sincerely.

Principal

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

D.No. 3-180, ADB Road, Surampalem 533437 Near Peddapuram, Kakinada District, A.P.

(Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437

Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)

(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)

Ph: 08852 - 252233, 252234, 252235, Fax: 252232, Website: www.pragati.ac.in

(Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

PEC/CE/Circular

Date: 03-01-2024

CIRCULAR

This is inform the students As a part of the Co-Circular students club activity of Pragati Engineering College (Autonomous), Department of Civil Engineering, Water Management Club organized a industrial visit to "HEAD WATER WORKS, RAJAHMUNDRY" on 06-01-2024.

All the III students and club members are requested to utilize this opportunity with your presence.

HOD-CE

Copy to...,

Dept. Notice Board.

Circulate among Faculty,

Class Rooms of II, III & IV years

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437 Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A'Grade) (Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956) Ph: 08852 - 252233, 252234, 252235, Fax: 252232, Website: www.pragati.ac.in
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DEPARTMENT OF CIVIL ENGINEERING

Date: 08-01-2024

REPORT on FIELD VISIT

To

HEAD WATER WORKS, RAJAHMUNDRY

As a part of the Co-Circular Students club activity of Pragati Engineering College (Autonomous), Department of Civil Engineering, Water Management Club organized a field visit to HEAD WATER WORKS, RAJAHMUNDRY on 06.01.2024 for III year student of civil Engineering and members of the Water Management Club.

Student members of Water Management Club of all the other departments have taken apart and contributed their knowledge to the participants.

The visit aimed to understand the various stages of water treatment, quality control measures, and the overall efficiency of the facility.

- I. Overview of the Municipal Drinking Water Treatment Plant: The Municipal Drinking Water Treatment Plant serves as a critical infrastructure responsible for treating raw water from local water sources and distributing clean, safe drinking water to the community. The plant is strategically located to meet the water demand of the growing population in the municipality.
- II. Water Treatment Processes: During the visit, the team observed and documented the various treatment processes employed at the plant. The primary treatment stages included: a. Coagulation and Flocculation b. Sedimentation c. Filtration d. Disinfection (Chlorination or alternative methods)
- III. Quality Control Measures: The Municipal Drinking Water Treatment Plant places a strong emphasis on quality control to guarantee the safety of the water supply. Key measures include: a. Continuous monitoring of water quality parameters (e.g., turbidity, pH, chlorine levels) b. Regular testing for microbial contaminants c. Compliance with local and national water quality standards
- IV. Infrastructure and Maintenance: The physical infrastructure of the plant was assessed during the visit. The team noted the well-maintained condition of equipment and

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(Sponsored by Gayatri Educational Society)
2. Ground Floor, Jappashboomi Park Book Reference Melipada - 3, Ph: 0884 - 2355900

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

facilities, indicating a commitment to operational excellence. maintenance schedules and a proactive approach to addressing issues were evident, contributing to the plant's overall reliability.

V. Environmental Impact and Sustainability: The Municipal Drinking Water Treatment Plant demonstrated a commitment to environmental sustainability. Efforts were observed to minimize energy consumption, optimize chemical usage, and implement eco-friendly practices. Additionally, the plant staff emphasized community awareness programs on water conservation and responsible water usage.

Conclusion: The field visit to the Municipal Drinking Water Treatment Plant provided valuable insights into the comprehensive processes and measures in place to ensure the production of safe and high-quality drinking water. The plant's commitment to quality control, infrastructure maintenance, and environmental sustainability reflects its dedication to meeting the water needs of the community while safeguarding public health. The information gathered during the visit will be useful for future assessments and improvements in water treatment processes.

The pictures of the field visit were mentioned in the report stated.



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PRAGATI ENGINEERING COLLEGE
(Autonomous)

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DEPARTMENT OF CIVIL ENGINEERING

		DEPARTMENT OF CIVIL ENGINEERING II YEAR				
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2		CHAPPIDI MEGHANA	Com.			
3		DEVARA ANUSHA	D. And line			
4		GANGULA GOWTHAMI SRI	G. Gowthamisi			
5		GOVINDAVAJHULA SRI VENKATA SURYA ANJALI	Absent -			
6		GRESHMA SAMANVITHA BATTULA	B. Solan Grand			
7		GUDIMETLA DAYANIDHI	Myarufi 7			
8		JOKA MAHALAKSHMI	J. Manay all mu			
9		KAMADI HARSHASRI	1.103110371			
10		MADDURI LEELA ARCHANA	M. Leela Aschana			
11		PASUPULETI SRI NAGA DEVI	1000 Alivertia			
12		PRATHYUSHA PITHANI	6.P.s.s.N.Vakshmi			
13	27112	SIRIYALA PAVANI SATYA SAI NAGA LAKSHMI	. ,			
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16		VOLETI SARANYA SAHITHI	V. D. fravallika			
17	21A31A0117		V. D. Frances			
18		ADIREDDY JNANA SIVA PRAKASH	- Absent -			
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20	21110111	BOOSA SRIDHAR	B. Soudhar			
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45	24	YELETI JAYAKANTH	Abunt
46	21.12.	SAMANA VISHNU CHAKRA RAJU	Chapter TX
47	21	MORTHA ASISH KUMAR	K-Absent
48	22.12.	NALLA SRISATYA MALLESWARI	N.SS. Mallery
49	22	NETHALA PREETHI	N. Fredly
50	22A35A0103	SHAMEELA KEERTI KALI	K.S. Keetak.
51	22A35A0105	CHAKRAVARTHULA SURYA TEJA	N3 red w.
52	22A35A0106	DHARAVATH VINAY	
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54	22A33A0108	KARRI TEJA SWAROOP	x, C. 375
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TO

The Principal,

Pragati Engineering College (A).

SURAMPALEM.

1 Ch. Meghana Bearing Roll No 21A31A0102 Studying in 11 B. Tech in your college willing to go to the event Industrial on 06/01/2024

I will stick to the program strictly as per the directions of the staff accompanying the tour. In this period I will follow the rules and regulations as mentioned below.

- 1. All students should assemble according to the timing's of Schedule and report to the student
- 2 .Girls students should be always with the lady staff who is accompanying the tour and should not go anywhere.
- 3. The students should always carry their identity cards.
- 4. The students should follow the orders and directions of student leader and teaching staff.
- 5. The students should maintain discipline while in journey.
- 6. All students remain in group
- 7. Students should not to bring any laptops, floppy disks, Pen-Drives, Cameras inside the industry.
- 8. Students should not enter into water and other dangerous sports.
- 9. Students should maintain dignity and decorum at all places
- 10. Should not get into argument with any person.
- 11. I have informed my parents regarding my participation in the above event and I will submit a letter from my parent also in this regard.

I understand that in case of any eventually the institution is not held responsible. I take my own responsibility if I don't follow these rules.

Jurya Pakah Kaa 8332997298

Signature of the student

TO

The Principal,

Pragati Engineering College (A),

SURAMPALEM.

Sir.

	1 B. Slither		Bearing Roll No
21A31A0120	Studying in IB-Tech	in your college	willing to go to the event
Indutrial	on Gliff		
Visit			

I will stick to the program strictly as per the directions of the staff accompanying the tour. In this period I will follow the rules and regulations as mentioned below.

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- 2 .Girls students should be always with the lady staff who is accompanying the tour and should not go anywhere.
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B. Satyaveri 95T0289614 Signature of the student