



PRAGATI ENGINEERING COLLEGE

(Autonomous)

B1-378, AISH Road, Surampalem - 511 817, Near Padmapuram, E.G Dist., A.P.
(Approved by AICTE, Permanently Affiliated to BPUTW, Kakinada & Accredited by NBA)
(Recognized by UGC Under Sections 2(f) and 12 (b) of UGC Act, 1956)
Ph: 08852 - 252233, 252234, 252235 Fax: 08852 - 252212, 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: 15 Nov, 2023

Association 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

Key Observations:

1. Post-Tensioning Process:

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

2. Materials Used:

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

3. Structural Design Considerations:

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



4. 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.

5. Safety Protocols:

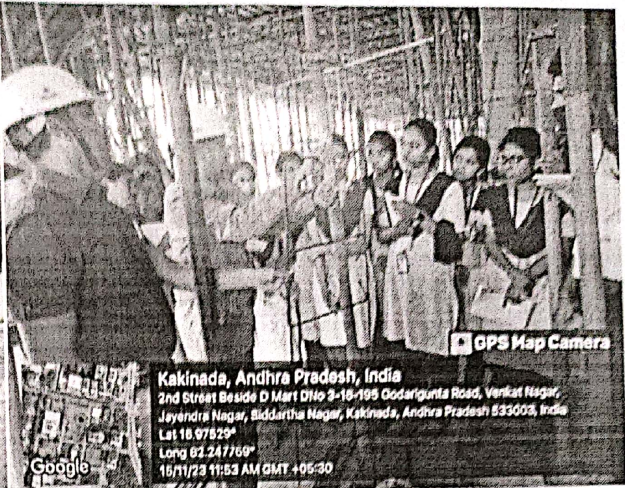
Emphasis was placed on safety measures during post-tensioned slab construction, including the use of personal protective equipment (PPE) and adherence to industry safety standards. Participants were briefed on emergency protocols and the importance of a safety-first approach on construction sites.

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





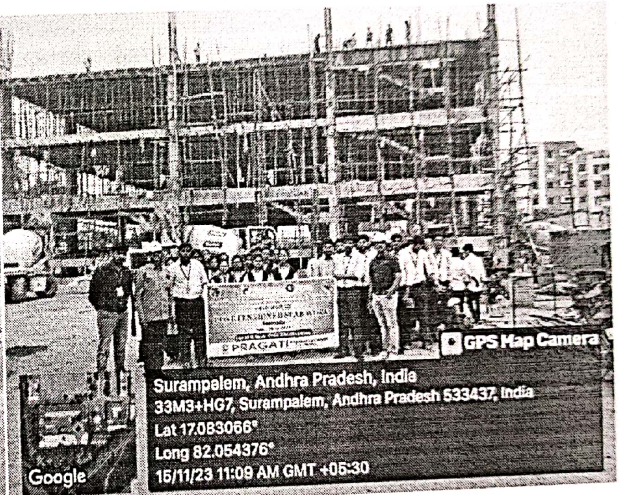
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70-11-18/3/1, Venkat Nagar, Siddharth Nagar, Kakinada, Andhra Pradesh 533002, India
Lat 18.976635°
Long 82.247858°
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Kakinada, Andhra Pradesh, India
2nd Street Beside D Mart DNo 2-18-199 Godarigunta Road, Venkat Nagar, Jayendra Nagar, Siddhartha Nagar, Kakinada, Andhra Pradesh 533003, India
Lat 18.97629°
Long 82.247769°
15/11/23 11:53 AM GMT +05:30



Kakinada, Andhra Pradesh, India
70-14-18/3/1, Venkat Nagar, Siddharth Nagar, Kakinada, Andhra Pradesh 533002, India
Lat 16.976835°
Long 82.247858°
15/11/23 12:01 PM GMT +05:30



Surampalem, Andhra Pradesh, India
33M3+HG7, Surampalem, Andhra Pradesh 533437, India
Lat 17.083066°
Long 82.054376°
15/11/23 11:09 AM GMT +05:30

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PRAGATI ENGINEERING COLLEGE (A)
CE - HOD
SURAMPALEM

DEPARTMENT OF CIVIL ENGINEERING
ACCE (I) STUDENT CHAPTER
LIST OF STUDENTS ATTENDED

Date: 15-11-2023

SNO	ROLL NUMBER	NAME OF THE STUDENT	SIGNATURE
1	21A31A0101	ALLADA TEJASWINI NAGA SRI SAI	A. Tejaswi
2	21A31A0102	CHAPPIDI MEGHANA	Ch. Meghana
3	21A31A0103	DEVARA ANUSHA	D. Anusha
4	21A31A0104	GANGULA GOWTHAMI SRI	G. Gowthami Sri
5	21A31A0105	GOVINDAVAJHULA SRI VENKATA SURYA ANJALI	G. Surya Anjali
6	21A31A0106	GRESHMA SAMANVITHA BATTULA	B. Greshma
7	21A31A0107	GUDIMETLA DAYANIDHI	D. Dayanidhi
8	21A31A0108	JOKA MAHALAKSHMI	Maha Lakshmi. J
9	21A31A0109	KAMADI HARSHASRI	K. Harshasri
10	21A31A0110	MADDURI LEELA ARCHANA	M. Leela Archana
11	21A31A0111	PASUPULETI SRI NAGA DEVI	P. Sri Naga Devi
12	21A31A0112	PRATHYUSHA PITHANI	P. Prathyusha
13	21A31A0113	SIRIYALA PAVANI SATYA SAI NAGA LAKSHMI	NAGA LAKSHMI
14	21A31A0114	ULAGATI HIMANIJOSH	U. Himanijosh
15	21A31A0115	VOGETI PRIYA	V. Priya
16	21A31A0116	VOLETI SARANYA SAHITHI	V. Sahithi
17	21A31A0117	YELLABOINA DEVI PRAVALLIKA	Y. Devi Prava
18	21A31A0118	ADIREDDY JNANA SIVA PRAKASH	A. Siva Prakash
19	21A31A0119	BOBBARADA JOHN BHASKAR	B. Bhaskar

20	21A31A0120	BOOSA SRIDHAR	
21	21A31A0121	CHITTURI S V V RAM KISHORE	B. Sridhar.
22	21A31A0122	DUNNE VEERA VENKATA SAI	Ch. Ram Krishna
23	21A31A0123	GANTA GNANDAS	D. Venkata Sai
24	21A31A0124	GUBBALA JOHN MUKESH	G. Anand
25	21A31A0125	JALASUTRA CHANDU	G. John Mukesh
26	21A31A0126	JAMPA LIKITH SATISH SAI	J. Chandu
27	21A31A0127	JANIPALLI TEJA	J. Likith
28	21A31A0128	KUDIPUDI SSHA SAI KARTHIK	J. Teja
29	21A31A0129	KOPPISETTI MANIKANTA	K. S. Sai
30	21A31A0130	KUNDU S VEERA VENKATA HARSHAVARDHAN	K. Manikanta
31	21A31A0131	LANKA VARSHA GOWTHAM LOKESH KUMAR	K. Harshavardhan
32	21A31A0132	MADADA AJAY KUMAR	L. Varsha
33	21A31A0133	MAKINEEDI SATYA PRASANTH	M. Ajay
3	21A31A0134	MANGINA DURGA PRASAD	M. Satya Prasad
35	21A31A0135	MANOHAR REDDY SATHI	M. Durga Prasad
36	21A31A0136	NARALA MANI KUMAR	M. Reddy Sathi
37	21A31A0137	PALEPU TARUN VENKATA SAI VARMA	N. Mani
38	21A31A0138	PAMPANA MOHAN VINAY	P. Tarun
39	21A31A0139	PEKETI DURGA LAXMI PRASAD	P. Mohan Vinay
40	21A31A0140	PENUMUTCHI DINESH	P. Durgalaxmi Prasad
41	21A31A0141	SAKA SATYA SREENIVASA NARENDRA	P. Dinesh
42	21A31A0142	SIKKIREDDI HARANADH RAJA	S. Satya Sreenivasa Narendra
43	21A31A0143	VEDIRESWARAPU NAGA VENKATA KOTI DINESH	S. Haranadh Raja
			V. Koti

44	21A31A0144	VEERAMALLA DURGA VINOD KUMAR	V. Vinod Kumar
45	21A31A0145	YELETI JAYAKANTH	Y. Jayakanth
46	21A31A0146	SAMANA VISHNU CHAKRA RAJU	S. Vinod Raju
47	21A31A0147	MORTHA ASISH KUMAR	M. Asish
48	22A35A0101	NALLA SRISATYA MALLESWARI	N. Satya
49	22A35A0102	NETHALA PREETHI	N. Preethi
50	22A35A0103	SHAMEELA KEERTI KALI	S. Keerti
51	22A35A0105	CHAKRAVARTHULA SURYA TEJA	Ch. Suryateja
52	22A35A0106	DHARAVATH VINAY	D. Vinay
53	22A35A0107	KARRI SRI SATYANARAYANA REDDY	K. Sri Satyanarayana Reddy
54	22A35A0108	KARRI TEJA SWAROOP	K. Teja Swaroop
55	22A35A0109	NAGAM LAKSHMAN	N. Lakshman
56	22A35A0110	RAKUTTI SAI	R. Sai
57	22A35A0111	YARLAGADDA RAKESH	Y. Rakesh
58	22A35A0112	K KISHORE KUMAR	K. Kishore Kumar

K. Kishore Kumar
HOB-CE

SIGNATURE OF FACULTY:

- 1) *usk*
- 2) *C. Kishore Kumar*