



PRAGATI ENGINEERING COLLEGE

(Autonomous)

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(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NBA)
(Recognized by UGC Under Sections 2(f) and 12 (b) of UGC act, 1956)
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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

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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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	
2	21A31A0102	CHAPPIDI MEGHANA	
3	21A31A0103	DEVARA ANUSHA	
4	21A31A0104	GANGULA GOWTHAMI SRI	
5	21A31A0105	GOVINDAVAJHULA SRI VENKATA SURYA ANJALI	
6	21A31A0106	GRESHMA SAMANVITHA BATTULA	
7	21A31A0107	GUDIMETLA DAYANIDHI	
8	21A31A0108	JOKA MAHALAKSHMI	
9	21A31A0109	KAMADI HARSHASRI	
10	21A31A0110	MADDURI LEELA ARCHANA	
11	21A31A0111	PASUPULETI SRI NAGA DEVI	
12	21A31A0112	PRATHYUSHA PITHANI	
13	21A31A0113	SIRIYALA PAVANI SATYA SAI NAGA LAKSHMI	
14	21A31A0114	ULAGATI HIMANIJOSH	
15	21A31A0115	VOGETI PRIYA	
16	21A31A0116	VOLETI SARANYA SAHITHI	
17	21A31A0117	YELLABOINA DEVI PRAVALLIKA	
18	21A31A0118	ADIREDDY JNANA SIVA PRAKASH	
19	21A31A0119	BOBBARADA JOHN BHASKAR	

20	21A31A0120	BOOSA SRIDHAR	
21	21A31A0121	CHITTURI S V V RAM KISHORE	
22	21A31A0122	DUNNE VEERA VENKATA SAI	
23	21A31A0123	GANTA GNANDAS	
24	21A31A0124	GUBBALA JOHN MUKESH	
25	21A31A0125	JALASUTRA CHANDU	
26	21A31A0126	JAMPA LIKITH SATISH SAI	
27	21A31A0127	JANIPALLI TEJA	
28	21A31A0128	KUDIPUDI SESA SAI KARTHIK	
29	21A31A0129	KOPPISETTI MANIKANTA	
30	21A31A0130	KUNDU S VEERA VENKATA HARSHAVARDHAN	
31	21A31A0131	LANKA VARSHA GOWTHAM LOKESH KUMAR	
32	21A31A0132	MADADA AJAY KUMAR	
33	21A31A0133	MAKINEEDI SATYA PRASANTH	
3	21A31A0134	MANGINA DURGA PRASAD	
35	21A31A0135	MANOHAR REDDY SATHI	
36	21A31A0136	NARALA MANI KUMAR	
37	21A31A0137	PALEPU TARUN VENKATA SAI VARMA	
38	21A31A0138	PAMPANA MOHAN VINAY	
39	21A31A0139	PEKETI DURGA LAXMI PRASAD	
40	21A31A0140	PENUMUTCHI DINESH	
41	21A31A0141	SAKA SATYA SREENIVASA NARENDRA	
42	21A31A0142	SIKKIREDDI HARANADH RAJA	
43	21A31A0143	VEDIRESWARAPU NAGA VENKATA KOTI DINESH	

44	21A31A0144	VEERAMALLA DURGA VINOD KUMAR	
45	21A31A0145	YELETI JAYAKANTH	
46	21A31A0146	SAMANA VISHNU CHAKRA RAJU	
47	21A31A0147	MORTHA ASISH KUMAR	
48	22A35A0101	NALLA SRISATYA MALLESWARI	
49	22A35A0102	NETHALA PREETHI	
50	22A35A0103	SHAMEELA KEERTI KALI	
51	22A35A0105	CHAKRAVARTHULA SURYA TEJA	
52	22A35A0106	DHARAVATH VINAY	
53	22A35A0107	KARRI SRI SATYANARAYANA REDDY	
54	22A35A0108	KARRI TEJA SWAROOP	
55	22A35A0109	NAGAM LAKSHMAN	
56	22A35A0110	RAKUTTI SAI	
57	22A35A0111	YARLAGADDA RAKESH	
58	22A35A0112	K KISHORE KUMAR	

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SIGNATURE OF FACULTY:

- 1)
- 2)