



POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA

A

Workshop

Report

On

Road Alignment



Organized by

DEPARTMENT OF CIVIL ENGINEERING, PIET

Dr. Divya Prakash
Event Co-ordinator

Dr. Pran Nath Dadhich
(HOD Department of Civil)



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Objective:

- To Know about the Road Alignment.
- To know about the Instrument are used during the road alignment.
- To know about the Design consideration for a Road Alignment.
- To know about the Cross section of a Road in Detail.
- How to done the Longitudinal Leveling and Cross section Leveling.
- How to calculate the Quantity of soil in cutting And Filling.

Requirements :

- Theodolite (2 set)
- Dump Level (2 set)
- Leveling Staff (4 Set)
- Measuring Tap (4 Set)
- Faculty Coordinators (2)
- Lab Assistant

About the Workshop:

The Three Days workshop Conducted on “**road Alignment**” on the date **26th to 28th Sep 2019**.The Department of Civil Engineering organized an Workshop for introducing Practical Execution of alignment a road. The **alignment** is the route of the **road, defined** as a series of horizontal tangents and curves. The profile is the vertical aspect of the **road**, including crest
Venue- BB-26

Time – 8 :00 am -3.00 pm

Date - 16th to 20th Nov 2018

Resource Person- Mr. Ravi Kumar Sharma



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and sag curves, and the straight grade lines connecting them.



Execution of Workshop:

- This Workshop conducted for Third Year students .The Workshop has been Executed into Three days. On the Day first 26/9/19 8am to 2pm a presentation on the basic concept on the road alignment. On the day two 27/9/19 8.30am to 2.30 pm to conduct a field survey . On the day 3rd 28/9/2019 8.00am to 2.00pm devoted for analysis the data and calculation. Whole participants divided into Four Group and Assigned a Faculty coordinator for each group.
- The Location of Workshop execution will be in fort of the AAYOJEN College.



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Evaluation Process:

The Evaluation Process is based on two parameter:

- Faculty coordinator takes the viva of each individual group of the Students after the lunch.
- Based on Submit the plan and Calculation Sheet.

Outcome of the Workshop:-

In this Workshop 40 students are participated .on the basis of Practical execution, viva and Submission of calculation sheet the students learned about the road Alignment and what was the importance and how to make the formation of road exactly on the site and how to calculate the earthwork of road and which types of instrument used in the road alignment. Students also know about the types of problem facing during actual execution.

S.No.	Reg. No.	Name	Maximum Marks	Marks Obtaine
1	PIET17CE001	ABHISHEK PRAJAPAT	10	8
2	PIET17CE002	ADITYA GAUTAM	10	7
3	PIET17CE003	ADITYA SHEKHAWAT	10	9
4	PIET17CE004	AKASH SHARMA	10	5



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5	PIET17CE005	AMAN VAISHNAV	10	6
6	PIET17CE007	ARVIND .	10	7
7	PIET17CE008	ASHISH JEPH	10	8
8	PIET17CE009	ATUL MEENA .	10	9
9	PIET17CE010	CHANCHAL MEENA .	10	Absent
10	PIET17CE011	CHARANPREET SINGH	10	Absent
11	PIET17CE012	CHINMAY SHARMA	10	6
12	PIET17CE013	DEEKSHA SHARMA .	10	5
13	PIET17CE014	DEEPAK CHOUDHARY	10	5
14	PIET17CE015	DEEPAK SHARMA	10	Absent
15	PIET17CE016	DEVENDRA BHATT .	10	8
16	PIET17CE017	GOVIND KUMAR SHARMA	10	Absent
17	PIET17CE018	HARSHVARDHAN GAUR	10	Absent
18	PIET17CE019	HARSHIT SISODIYA .	10	7
19	PIET17CE020	HITESH KUMAR SHARMA .	10	5
20	PIET17CE021	JATIN AGRAWAL	10	5
21	PIET17CE022	JITESH MEENA .	10	3
22	PIET17CE023	JULFIKAR ALI .	10	8
23	PIET17CE024	KAMLESH KUMAR YADAV	10	9
24	PIET17CE025	KOMAL SAHARIYA	10	9
25	PIET17CE026	KRISHNA BAIRWA	10	Absent
26	PIET17CE027	KRISHNA YADAV	10	6
27	PIET17CE028	KRITESH MAHESHWARI	10	8
28	PIET17CE029	LOKENDRA SINGH .	10	10



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29	PIET17CE030	MAHENDRA KUMAR .	10	10
30	PIET17CE031	MANISH SINGH SHEKHAWAT	10	3
31	PIET17CE032	MUKESH KUMAWAT	10	7
32	PIET17CE033	NILESH KUMAWAT	10	10
33	PIET17CE034	NIRANJAN KRISHNIYA	10	6
34	PIET17CE035	PRADHUMAN MEENA	10	8
35	PIET17CE036	PRAHLAD CHOUDHARY	10	Absent
36	PIET17CE037	PRATHAM PRAJAPAT .	10	8
37	PIET17CE038	PUNEET DADHICH	10	6
38	PIET17CE039	RAHUL DEO	10	Absent
39	PIET17CE041	RAHUL KUMAR JANGID	10	5
40	PIET17CE042	RAHUL SUKHWAL .	10	5