



GANDHI SCHOOL OF ENGINEERING

BHHABANDHA, BERHAMPUR

BRANCH- CIVIL ENGINEERING

SEMESTER- 5TH

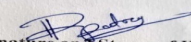
SUBJECT- Th5. ESTIMATION & COST EVALUATION – II

NAME OF THE FACULTY-ER.ROJALI PATRA

		Topic to be taken				Actual topic taken		
Sl. No	Topic/ Module	No. of period	Details of the topics	Date	Topic No.	Topic Name	Date	Remarks
1	Detailed estimate of culverts and bridges	12	1.1Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule. 1.2RCC Hume pipe culvert with splayed angled wing wall	03.08.2023-21.08.2023	1.1 1.2	Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule. RCC Hume pipe culvert with splayed angled wing wall	03.08.2023 04.08.2023 05.08.2023 07.08.2023 10.08.2023 11.08.2023 12.08.2023 14.08.2023 17.08.2023 18.08.2023 19.08.2023 21.08.2023	
2	Estimate of irrigation structures	14	2.1Detailed estimate of simple type of vertical fall to given specification 2.2Detailed estimate of drainage siphon to given specification.	24.08.2023-15.09.2023	2.1 2.2	Detailed estimate of simple type of vertical fall to given specification Detailed estimate of drainage siphon to given specification.	24.08.2023 25.08.2023 26.08.2023 28.08.2023 01.09.2023 02.09.2023 04.09.2023 07.09.2023 08.09.2023 09.09.2023 11.09.2023 14.09.2023 15.09.2023	

3	Detailed estimate of roads	12	3.1Detail estimate of a water bound macadam road 3.2Detailed estimate of a flexible pavement in cutting / filling 3.3Detailed estimate of septic tank and soak pit for 50 users	16.09.2023-07.10.2023	3.1 3.2 3.3	Detail estimate of a water bound macadam road Detailed estimate of a flexible pavement in cutting / filling Detailed estimate of septic tank and soak pit for 50 users	16.09.2023 21.09.2023 22.09.2023 23.09.2023 25.09.2023 29.09.2023 30.09.2023 05.10.2023 06.10.2023 07.10.2023 09.10.2023 12.10.2023	
4	Detailed estimates of miscellaneous works	12	4.1 Tube well, Piles and Pile cap, Isolated and combined footings.	09.11.2023-16.11.2023	4.1	Tube well, Piles and Pile cap, Isolated and combined footings.	13.10.2023 16.10.2023 19.10.2023 03.11.2023 04.11.2023 06.11.2023 09.11.2023 10.11.2023 11.11.2023 16.11.2023 17.11.2023 18.11.2023	

5	PWD accounts works	10	<p>5.1 Works</p> <p>5.1.1 Classification of work-original, major, petty, repair work, annual repair, special repair, quadrantal repair.</p> <p>5.1.2 Concept of Method of execution of works through the contractors and department, contract and agreement.</p> <p>5.2 Accounts of works –</p> <p>5.2.1 Explanation of various terms Administrative approval, technical sanction.</p> <p>5.2.2 Measurement book use & maintenance.</p> <p>5.2.3 Muster roll : Its preparation & use for making payment of pay & wages.</p> <p>5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages.</p> <p>5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission.</p> <p>5.2.6 Classification of stores, receipt / issue statement.</p> <p>5.3 Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA etc.</p>	<p>17.11.2023-04.12.2023</p>	<p>5.1 Works</p> <p>5.1.1 Classification of work-original, major, petty, repair work, annual repair, special repair, quadrantal repair.</p> <p>5.1.2 Concept of Method of execution of works through the contractors and department, contract and agreement.</p> <p>5.2 Accounts of works –</p> <p>5.2.1 Explanation of various terms Administrative approval, technical sanction.</p> <p>5.2.2 Measurement book use & maintenance.</p> <p>5.2.3 Muster roll : Its preparation & use for making payment of pay & wages.</p> <p>5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages.</p> <p>5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission.</p> <p>5.2.6 Classification of stores, receipt / issue statement.</p> <p>5.3 Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA etc.</p>	<p>20.11.2023</p> <p>23.11.2023</p> <p>24.11.2023</p> <p>25.11.2023</p> <p>30.11.2023</p> <p>01.11.2023</p> <p>02.11.2023</p> <p>04.11.2023</p> <p>07.11.2023</p> <p>08.11.2023</p> <p>09.11.2023</p>	
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 Signature and Stamp of HOD:
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 Civil Engg.
 Gandhi School of Engg.
 Berhampur (Gm.)

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