

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



PROGRESS REGISTER Session-2022-2023

Discipline: Civil Engg.

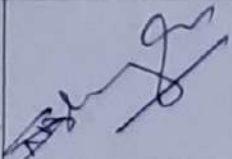
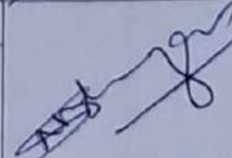
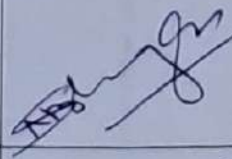
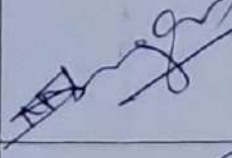
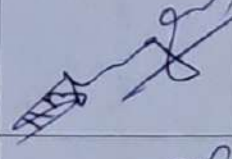
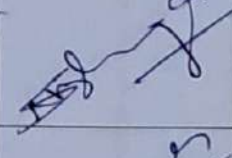
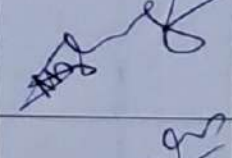
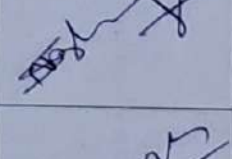
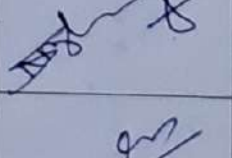
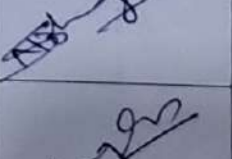
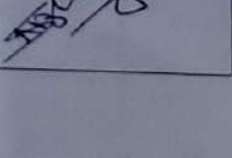
Semester: 5th

Subject: Estimation & Cost Evaluation-II

Name of the Teaching Faculty: Satyamrayan Bhelagar

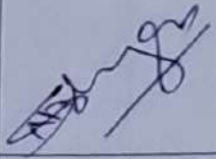
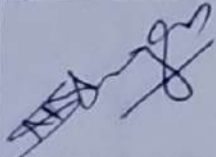
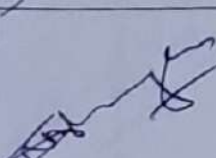
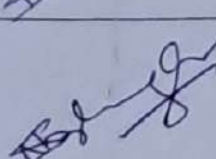
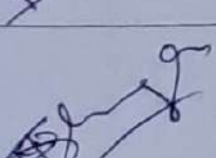
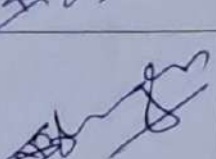
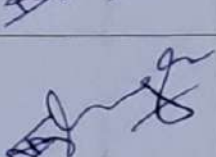
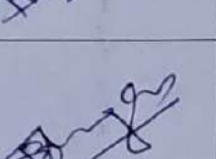
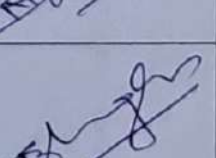
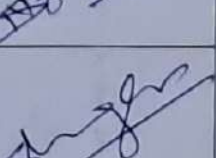
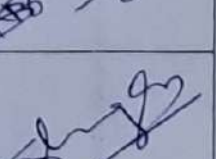
Subject: Estimation & cost evaluation - II No. of Days/per week class allotted 04

Semester From Date: 15/9/22 To Date: 11/1/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
15/9/22	Slab culvert	Details of slab culvert	Functions, components, drawing	
16/9/22	Detailed estimate of RCC slab culvert	Estimate of RCC slab culvert	Earthwork, excavator, pcc of foundation.	
20/9/22	Detailed estimate of RCC slab culvert with right angle walls	Estimate of RCC slab culvert	set clay brick work on abutments, wing walls, RCC work.	
21/9/22	Detailed estimate of RCC slab culvert	Estimate of RCC slab culvert	RCC work, steel bar bending, wearing coat.	
22/9/22	Detailed estimate of RCC slab culvert	Estimate of RCC slab culvert	cement concrete wearing coat, cement painting.	
23/9/22	Revision of detailed estimate of RCC slab culvert	Estimate of RCC slab culvert	Earthwork, excavator, brick work, RCC work, bar bending.	
27/9/22	RCC home pipe culvert	Details of home pipe culvert	Components, functions, materials, drawing.	
28/9/22	Detailed estimate of RCC home pipe culvert	Estimate of home pipe culvert	Earthwork, excavator, cement concrete of foundation.	
29/9/22	Detailed estimate of RCC home pipe culvert with splayed angle walls	Estimate of home pipe culvert with wing walls	Brick work, splayed angle wing walls.	
30/9/22	Detailed estimate of home pipe culvert with splayed angle wing wall	Estimate of home pipe culvert with wing walls	cement painting, home pipe heavy type.	
11/10/22	Detailed estimate of home pipe culvert	Estimate of home pipe culvert	Abstract of estimate of RCC home pipe culvert.	

Subject: Evaluation-II No. of Days/per week class allotted 04

Semester From Date: 15/9/22 To Date: 11/1/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
12/10/22	Revision of details of name pipe culvert	Estimate of name pipe culvert	Earthwork Brickwork cement pointing cement concrete	
13/10/22	Introduction to fall type of fall, function of fall	types & function of falls	fall's type components function.	
14/10/22	Types of falls with details specifications	Falls specifications	masonry pointing pitching concreting.	
18/10/22	Detailed estimate of simple types of fall	Fall estimate	Earthwork excavation.	
19/10/22	Detailed estimate of canal fall with specifications	Fall estimate	cement concrete 1st class brick work in wall	
20/10/22	Detailed estimate of vertical fall with general specifications	vertical fall estimate	Brick - on edge. cement pointing Brick pitching.	
21/10/22	Detailed estimate of edge fall	edge fall estimate	excavation Brick masonry Brick pitching.	
26/10/22	Revision about types of falls & function	vertical canal fall estimate	types components	
29/10/22	Introduction to drainage siphon components function.	Siphon function & components	function types components.	
28/10/22	Types of siphon with different components.	types of siphon with components.	cross section prop pit duct.	
1/11/22	Detailed estimate of drainage siphon	siphon estimate	Earthwork excavation in foundation cement concrete.	

Estimation & cost

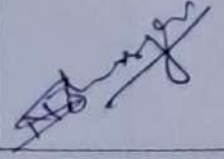
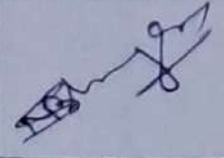
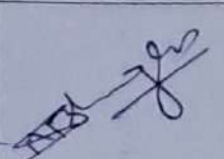
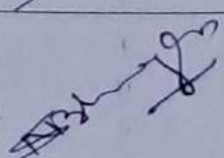
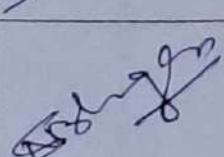
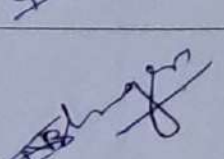
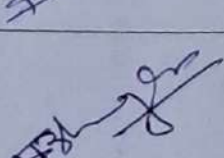
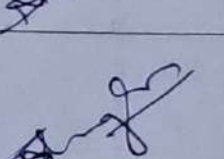
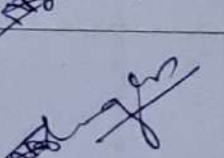
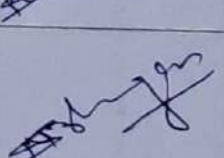
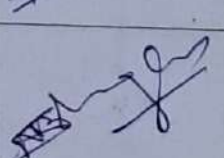
Subject: evaluation-11 No. of Days/per week class allotted 04

Semester From Date: 15/9/22 To Date: 11/1/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
2/11/22	Detailed estimate of drainage siphon	estimate of siphon	at class brick work Rec slab	
3/11/22	Detailed estimate of drainage siphon	estimate of siphon	brick floor cement pointing dig brick pitching	
4/11/22	Detailed estimate of siphon for irrigation	siphon estimate	Abstract of estimate of siphon	
9/11/22	Revision about types of siphon details & function	estimate of siphon	Earthwork brick edging brick work	
10/11/22	Introduction to road, water bound macadam road specification	Road details.	Road components functions drawings.	
11/11/22	Advantages disadvantages of WBM details estimate	Road estimate	Advantages disadvantages Land acquisition	
15/11/22	Detailed estimate of WBM	Road estimate	Earthwork in embankment plantation Surveying.	
17/11/22	Detailed estimate of WBM	Road estimate	metalling painting Brick edging details.	
18/11/22	Introduction to flexible pavement cutting filling of road	flexible pavement	cutting filling earth embankment.	
22/11/22	Functions of flexible pavement components.	flexible pavement	components functions.	
23/11/22	Detailed estimate of a flexible pavement	estimate of flexible pavement	soling coat inter coat top coat surfacing.	

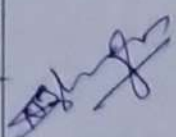
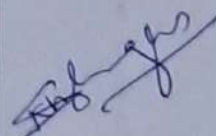
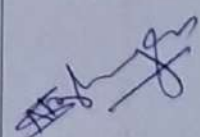
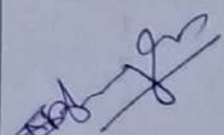
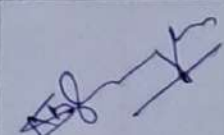
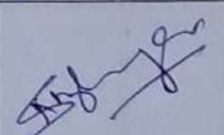
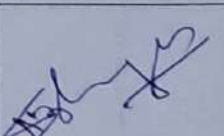
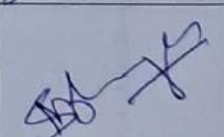
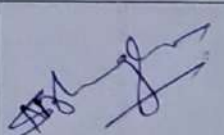
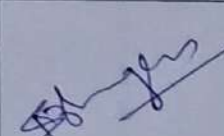
Subject: Cost Estimation - II No. of Days/per week class allotted 04

Semester From Date: 15/9/22 To Date: 11/1/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
24/11/22	Detailed estimate of a flexible pavement	estimate of flexible pavement	components functions surfacing embankment.	
25/11/22	Introduction to septic tank soak pit components.	Details about septic tank & soak pit.	drawing components function.	
29/11/22	Detailed estimate of soak pit & septic tank	estimate of septic tank	Earthwork cement concrete BRICK WORK	
30/11/22	Detailed estimate of septic tank & soak pit	Estimate of septic tank	2nd class brick work dry brick work in soak pit.	
1/12/22	Revision about soak pit & septic tank	septic tank Revision	Plastering Sand filling brick pitching	
2/12/22	Introduction to tube well components & functions	Details of tube well	components function drawing	
6/12/22	Detail estimate of tube well	estimate of tube well	GT pipe Hand pump ball plug.	
7/12/22	Detail estimate of tube well with given specification	estimate of tube well	Socket transport material mixing.	
8/12/22	Revision about tube well	Revision of tube well	components functions Hand pump ball plug.	
9/12/22	Introduction to pile cap components function	Details about pile cap	Drawing components functions.	
13/12/22	Detailed estimate of pile cap	Details about pile cap	circular pile spiral steel calculator.	

Subject: Evaluation - II No. of Days/per week class allotted 04

Semester From Date: 15/9/22 To Date: 11/1/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
14/12/22	Details estimate of pile cap	Details about pile cap	Cutting length RCC work	
15/12/22	Revision about pile cap	Details about pile cap	Components circular pipe steel calculation.	
16/12/22	Introduction to isolated footing functions & components	Details of isolated footing	Components function drawing	
20/12/22	Details estimate of isolated footing	estimate of isolated footing	BRICK Soling pcc work Neck column.	
21/12/22	Introduction to combined footing functions components	Combined footing	Drawing components functions.	
22/12/22	Detailed estimate of combined footings	combined footing	pcc work RCC work Trapezium shape.	
23/12/22	works, classification of works	Types of works	repair work annual repair speed work	
27/12/22	Execution contract, work order agreement	PWD work order agreement	work order agreement contract tender.	
28/12/22	Accounts of works E-tendering charges security deposit	PWD works deposit	charges security deposit earnest money.	
29/12/22	Measurement books, labour employed debit, credit	Account work debit credit	Measurement book labour supply or materials.	
30/12/22	Mustar roll	Account work Mustar roll	Preparation use Acquittance role.	