

NETAJI SUBHAS UNIVERSITY

POKHARI, JAMSHEDPUR JHARKHAND



ESTD

2018

**APPROVED BY AICTE, PCI, BCI AND NCTE
Recognized by UGC**

REGULATIONS, CURRICULUM, AND SYLLABUS

DIPLOMA IN CIVIL ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

DIPLOMA IN CIVIL ENGINEERING COURSE STRUCTURE

1st YEAR

SEMESTER - 1

SEMESTER - 1									
THEORY		PERIOD			EVALUATION SCHEME			Credit	Hours
SUBJECT CODE	NAME OF THE PAPER	L	T	P	MSE	ESE	SUB-TOTAL		
DIP101	Basic Physics	3	1	0	30	70	100	4	4
DIP102	Basic Chemistry	3	1	0	30	70	100	4	4
DIP103	Basic Mathematics	3	1	0	30	70	100	4	4
DIP104	Communication Skill-I	3	0	1	30	70	100	4	4
DIP105	Engg. Graphics	3	1	0	30	70	100	4	4
DIP106	Computer Fundamentals	3	0	1	30	70	100	4	4
PRACTICAL									
DIP107L	COMPUTER LAB	0	0	2	15	35	50	2	2
DIP108L	PHY LAB	0	0	2	15	35	50	2	2
							Total Credits:	28	

SEMESTER - 2

SEMESTER - 2									
THEORY		PERIOD			EVALUATION SCHEME			Credit	Hours
SUBJECT CODE	NAME OF THE PAPER	L	T	P	MSE	ESE	SUB-TOTAL		
DIP201	Communication Skills-II	3	1	0	30	70	100	4	4
DIP202	Engg. Mathematics-I	3	1	0	30	70	100	4	4
DIP203	Applied Science	4	0	0	30	70	100	4	4
DIP204	Engg. Mechanics	4	0	0	30	70	100	4	4
DIP205	Engg. Drawing	3	0	0	30	70	100	4	4
DIP206	Introduction to Software Package	3	0	0	30	70	100	4	4
PRACTIAL									
DIP207L	Basic Workshop Practice	0	0	2	15	35	50	2	2
DIP208L	CHEM LAB	0	0	2	15	35	50	2	2
							Total Credits:	28	

2nd YEAR

SEMESTER – 3

THEORY		PERIOD			EVALUATION SCHEME			Credit	Hours
SUBJECT CODE	NAME OF THE PAPER	L	T	P	MSE	ESE	SUB-TOTAL		
DIP301	ENGG. MATHEMATICS-II	3	1	0	30	70	100	4	4
DIP3CIV02	SURVEYING –I	3	1	0	30	70	100	4	4
DIP3CIV03	STRENGTH OF MATERIAL	3	1	0	30	70	100	4	4
DIP3CIV04	BUILDING DRAWING	3	0	1	30	70	100	4	4
DIP3CIV05	BUILDING MATERIAL AND BUILDING CONSTRUCTION	3	1	0	30	70	100	4	4
PRACTICAL									
DIP3CIV06L	SURVEYING LAB	2	0	2	15	35	50	2	2
DIP3CIV07L	BUILDING DRAWING LAB	2	0	2	15	35	50	2	2
							Total Credit-	24	

ESTD

JAMSHEDPUR

2018

SEMESTER – 4

THEORY		PERIOD			EVALUATION SCHEME			Credit	Hours
SUBJECT CODE	NAME OF THE PAPER	L	T	P	MSE	ESE	SUB-TOTAL		
DIP4CIV01	TRANSPORTATION ENGINEERING	3	1	0	30	70	100	4	4
DIP4CIV02	CONCRETE TECHNOLOGY	3	1	0	30	70	100	4	4
DIP4CIV03	FLUIDS MECHANICS	3	1	0	30	70	100	4	4
DIP4CIV04	SURVEYING - II	3	0	0	30	70	100	4	4
DIP4CIV05	GEOTECHNICAL ENGINEERING	3	1	0	30	70	100	4	4
PRACTICAL									
DIP4CIV06L	FLUIDS MECHANICS LAB	2	0	2	15	35	50	2	2
DIP4CIV07L	CONCRETE TECHNOLOGY LAB	2	0	2	15	35	50	2	2
							Total Credit-	24	

3RD YEAR

SEMESTER – 5

THEORY		PERIOD			EVALUATION SCHEME			Credit	Hours
SUBJECT CODE	NAME OF THE PAPER	L	T	P	MSE	ESE	SUB-TOTAL		
DIP5CIV01	THEORY OF STRUCTURES	3	1	0	30	70	100	4	4
DIP5CIV02	DESIGN OF STEEL STRUCTURE	3	1	0	30	70	100	4	4
DIP503	ENVIRONMENTAL SCIENCE	3	1	0	30	70	100	4	4
DIP5CIV04	REINFORCED CEMENT CONCRETE	3	1	0	30	70	100	4	4
DIP5CIV05	IRRIGATION ENGINEERING	3	1	0	30	70	100	4	4
PRACTICAL									
DIP5CIV06L	TRANSPORTATION ENGINEERING LAB	2	0	2	15	35	50	2	2
DIP5CIV07L	GEOTECHNICAL ENGINEERING LAB	2	0	2	15	35	50	2	2
							Total Credit	=24	

SEMESTER-6

THEORY		PERIOD			Evaluation Scheme			Credit	Hours
SUBJECT CODE	NAME OF THE PAPER	L	T	P	MSE	ESE	SUB-TOTAL		
DIP6CIV01	ESTIMATING AND COSTING	3	1	0	30	70	100	4	4
DIP6CIV02	ENVIRONMENTAL ENGG	3	1	0	30	70	100	4	4
DIP603	INDUSTRIAL MANAGEMENT	3	1	0	30	70	100	4	4
DIP6CIV04X	ELECTIVE ANY ONE	3	0	1	30	70	100	4	4
DIP6CIV05	PROJECT & VIVA				100	100	200	8	8
							Total credit	=24	