

**DIPLOMA IN CIVIL ENGINEERING**

Semester-First									
S.No.	Course Code	Course Name	Course Type	L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
1	N1DF101T	APPLIED MATHEMATICS-I	Theory	3	1	0	0	4	4
2	N1DF103T	ENVIRONMENT EDUCATION & DISASTER MANAGEMENT	Mng	0	0	0	0	0	2
3	N1DL101T	ENGINEERING GRAPHICS	Theory	1	2	0	0	3	3
4	N1DF104B	APPLIED PHYSICS-I	Integrated	2	1	1	0	4	5
5	N1DF106B	<b>BASIC COMMUNICATION &amp; COMPUTER SKILLS</b>	Integrated	2	0	2	0	4	6
6	N1DF105C	BASIC CHEMISTRY	Comprehensive	3	0	1	1	5	8
<b>Total</b>				11	4	4	1	20	28
Semester-Second									
S.No.	Course Code	Course Name	Course Type	L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
1	N1DF201T	APPLIED MATHEMATICS-II	Theory	3	1	0	0	4	4
2	N1DF201B	APPLIED PHYSICS-II	Integrated	2	1	1	0	4	5
3	N1DF202B	Professional Communication	Integrated	2	0	2	0	4	6
4	N1DB202B	BUILDING MATERIALS	Integrated	2	0	1	0	3	4
5	N1DL101C	WORKSHOP PRACTICE	Comprehensive	2	0	2	1	5	9
<b>Total</b>				11	2	6	1	20	28
Semester-Third									
S.No.	Course Code	Course Name	Course Type	L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
1	N1DB306T	ELEMENTRY ELECTRICAL & MECHANICAL ENGINEERING.	Theory	2	0	0	0	2	2
2	N1DB307T	BUILDING CONSTRUCTION AND MAINTENANCE ENGINEERING	Theory	2	0	0	0	2	2
3	N1DL305B	APPLIED MECHANICS	Integrated	2	0	1	0	3	4
4	N1DB303B	TRANSPORTATION ENGINEERING-I	Integrated	3	0	1	0	4	5
5	N1DB304B	PUBLIC HEALTH ENGINEERING.	Integrated	3	0	1	0	4	5
6	N1DB305C	SURVEYING I	Comprehensive	2	0	2	1	5	9
<b>Total</b>				14	0	5	1	20	27
Semester-Fourth									
S.No.	Course Code	Course Name	Course Type	L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
1	N1DB401T	ESTIMATION AND COSTING	Theory	3	0	0	0	3	3
2	N1DB404B	SOIL MECHANICS AND FOUNDATION ENGINEERING	Integrated	3	0	1	0	4	5
3	N1DB402B	HYDRAULICS	Integrated	3	0	1	0	4	5
4	N1DB403B	STRENGTH OF MATERIAL	Integrated	3	0	1	0	4	5
5	N1DB405C	SURVEYING-II	Comprehensive	2	0	2	1	5	9
6	N1DF408T	ENTREPRENEURSHIP AND START UP	Theory	0	0	0	0	0	2
<b>Total</b>				14	0	5	1	20	29
*Summer Internship: After examination of 4th Semester, the students shall go for training in a relevant industry/field organization for a minimum period of 4-6 weeks and will prepare a diary. It shall be evaluated during 6th semester by his/her teachers. The students shall also prepare a report at the end of training and shall present it in a 6th Semester.									
Semester-Fifth									
S.No.	Course Code	Course Name	Course Type	L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
1	N1DB501T	DESIGN OF REINFORCED CEMENT CONCRETE STRUCTURE	Theory	3	1	0	0	4	4
2	N1DB502T	IRRIGATION ENGINEERING	Theory	3	0	0	0	3	3
3	N1DB503T	DESIGN OF STEEL STRUCTURE	Theory	3	0	0	0	3	3
4	N1DB507T	TRANSPORTATION ENGINEERING-II	Theory	2	0	0	0	2	2
5	N1DB505C	CONCRETE TECHNOLOGY	Comprehensive	3	0	1	1	5	8
6	N1DB506L	CAD LAB	Lab	0	0	2	0	2	4
7	N1DF520L	PERSONALITY DEVELOPMENT & SOFT SKILLS	Skill Lab	0	0	2	0	2	4
8	N1DF521B	Introduction to IoT	Integrated	2	0	1	0	3	4
<b>Total</b>				16	1	6	1	24	32
Semester-Sixth									
S.No.	Course Code	Course Name	Course Type	L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
1		PROJECT/INDUSTRIAL INTERNSHIP	Lab	0	0	0	0	12	12
2		INDUSTRIAL TRAINING	Lab	0	0	0	0	4	4
<b>Total</b>				0	0	0	0	16	16

**Note: For lateral entry students of Diploma in Civil Engineering**

It is mandatory for all lateral entry students that they have to qualify Elementary Physics-I (QPHY1001), Elementary Mathematics-I (QMAT1002), Elementary Chemistry (QCHE1005) and Elementary Professional Communication-I (QSLP1003) along with 3<sup>rd</sup> &/or 5<sup>th</sup> semester End Term Examinations (ETE) and Elementary Physics-II (QPHY1010), Elementary Mathematics-II (QMAT1011), Elementary Professional Communication-II (QSLP1012) along with 4<sup>th</sup> &/or 6<sup>th</sup> semester ETE of Diploma in Civil Engineering. The Diploma will be awarded to lateral entry student after qualifying the above mentioned subjects within their course curriculum period (i.e. 2 years). If the students are unable to qualify within the mentioned above two attempts for the above mentioned seven (07) courses, one more attempt will be given to qualify the remaining courses.