DIPLOMA IN CIVIL ENGINEERING

S.No. Course Code Course Name 1 N1DF101T APPLIED MATHEMATICS-1 2 N1DF103T ENVIRONMENT EDUCATION & DISASTER MAN. 3 N1DL101T ENGINEERING GRAPHICS 4 N1DF104B APPLIED PHYSICS-1	Course Type						
2 N1DF103T ENVIRONMENT EDUCATION & DISASTER MAN. 3 N1DL101T ENGINEERING GRAPHICS	332133 2375	L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
3 N1DL101T ENGINEERING GRAPHICS	Theory	3	1	0	0	4	4
	AGEMENT Mng	0	0	0	0	0	2
	Theory	1	2	0	0	3	3
	Integrated	2	1	1	0	4	5
5 N1DF106B BASIC COMUNICATION & COMPUTER SKILLS		2	0	2	0	4	6
6 N1DF105C BASIC CHEMISTRY	Comprehensive	_	0	1	1	5	8
Total		11	4	4	1	20	28
Se	mester-Second				L.		
S.No. Course Code Course Name	Course Type	L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hour
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			0	2	1	5	9
	Comprehensive					_	
Total		11	2	6	1	20	28
S	emester-Third	_			1		
S.No. Course Code Course Name	Course Type	L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hour
1 N1DB306T ELEMENTRY ELECTRICAL & MECHANICAL ENG	GINEERING. Theory	2	0	0	0	2	2
2 N1DB307T BUILDING CONSTRUCTION AND MAINTENANC 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	_	0	2	1	5	9
Total		14	0	5	1	20	27
Se	mester-Fourth						
S.No. Course Code Course Name	Course Type	(Credit)	T (Credit)		S (Credit)	Total Credit	Total Hour
	Theory	3	0	0	0	3	3
1 NIDB401T ESTIMATION AND COSTING		3	0	1	0	4	5
2 N1DB404B SOIL MECHANICS AND FOUNDATION ENGINEE							,
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS	RING Integrated Integrated	3	0	1	0	4	5
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL	RING Integrated Integrated Integrated	3	0	1	0	4	5
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II	RING Integrated Integrated Integrated Comprehensive	3 3 2	0 0 0	1 1 2	0	4 5	5 5 9
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II 6 NIDF408T ENTREPRENEURSHIP AND START UP	RING Integrated Integrated Integrated	3 3 2 0	0 0 0	0	0	4 5 0	5 5 9 2
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II	RING Integrated Integrated Integrated Comprehensive	3 3 2	0 0 0		0	4 5	5 5 9 2
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE. 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II 6 NIDF408T ENTREPRENEURSHIP AND START UP Total	RING Integrated Integrated Integrated Integrated Comprehensive Theory	3 3 2 0 14	0 0 0 0	0 5	0 1 0	4 5 0 20	5 5 9 2 29
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II 6 NIDF408T ENTREPRENEURSHIP AND START UP Total Summer Internship: After examination of 4th Semester, the students shall eeks and will prepare a diary. It shall be evaluated during 6th semester by nall present it in a 6th Semester.	RING Integrated Integrated Integrated Comprehensive Theory I go for training in a relevan his/her teachers. The stude	3 3 2 0 14 t industry/fi	0 0 0 0 0	0 5 nization fo	0 1 0 1 or a minim	4 5 0 20 num peri	5 5 9 2 29 od of 4-
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II 6 NIDF408T ENTREPRENEURSHIP AND START UP Total Summer Internship: After examination of 4th Semester, the students shall be evaluated during 6th semester by shall present it in a 6th Semester.	RING Integrated Integrated Integrated Comprehensive Theory I go for training in a relevan	3 3 2 0 14 t industry/fi	0 0 0 0 0	0 5 nization fo	0 1 0 1 or a minim	4 5 0 20 num peri	5 5 9 2 29 od of 4-
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II 6 NIDF408T ENTREPRENEURSHIP AND START UP Total Summer Internship: After examination of 4th Semester, the students shal eeks and will prepare a diary. It shall be evaluated during 6th semester by hall present it in a 6th Semester. Sono. Course Code Course Name	RING Integrated Integrated Integrated Comprehensive Theory I go for training in a relevan his/her teachers. The stude comester-Fifth Course Type	3 3 2 0 14 t industry/fints shall also	0 0 0 0 0 eld organ	0 5 sization for a report	0 1 0 1 or a minimat the end	4 5 0 20 num peri of train	5 5 9 2 29 od of 4- ing and
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II 6 NIDF408T ENTREPRENEURSHIP AND START UP Total Summer Internship: After examination of 4th Semester, the students shall be evaluated during 6th semester by nall present it in a 6th Semester. S	RING Integrated Integrated Integrated Comprehensive Theory I go for training in a relevan his/her teachers. The stude comester-Fifth Course Type	3 3 2 0 14 t industry/fints shall also	0 0 0 0 0 eld organ	0 5 nization for a report	0 1 0 1 or a minim at the end	4 5 0 20 num peri of train	5 5 9 2 29 od of 4- ing and
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II 6 NIDF408T ENTREPRENEURSHIP AND START UP Total Summer Internship: After examination of 4th Semester, the students shal reeks and will prepare a diary. It shall be evaluated during 6th semester by shall present it in a 6th Semester. S.No. Course Code Course Name	RING Integrated Integrated Integrated Comprehensive Theory I go for training in a relevan his/her teachers. The stude course Type	3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 eld organ o prepare	0 5 sization for a report	0 1 0 1 or a minimat the end	4 5 0 20 num peri of train	5 5 9 2 29 od of 4- ing and
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEE 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II 6 NIDF408T ENTREPRENEURSHIP AND START UP Total Summer Internship: After examination of 4th Semester, the students shall reeks and will prepare a diary. It shall be evaluated during 6th semester by shall present it in a 6th Semester. S.No. Course Code Course Name 1 NIDB501T DESIGN OF REINFORCED CEMENT CONCRETE SERVICE	RING Integrated Integrated Integrated Comprehensive Theory I go for training in a relevant whis/her teachers. The stude comment of	3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 eld organ o prepare T (Credit)	0 5 sization for a report P (Credit) 0 0	0 1 0 1 0 1 or a minimat the end S (Credit) 0 0	Total Credit 4 3 3 3	5 5 9 2 29 od of 4- ing and Tota Hour 4 3
2 NIDB404B SOIL MECHANICS AND FOUNDATION ENGINEER 3 NIDB402B HYDRAULICS 4 NIDB403B STRENGTH OF MATERIAL 5 NIDB405C SURVEYING-II 6 NIDF408T ENTREPRENEURSHIP AND START UP Total Summer Internship: After examination of 4th Semester, the students shale eeks and will prepare a diary. It shall be evaluated during 6th semester by shall present it in a 6th Semester. Sono. Course Code Course Name 1 NIDB501T DESIGN OF REINFORCED CEMENT CONCRETE SERVICE SERV	RING Integrated Integrated Integrated Comprehensive Theory I go for training in a relevan his/her teachers. The stude emester-Fifth Course Type STRUCTURE Theory Theory	3 3 2 0 14 t industry/fints shall also (Credit) 3	0 0 0 0 0 eld organ o prepare	0 5 ization for a report P (Credit) 0	0 1 0 1 1 or a minimat the end S (Credit) 0	4 5 0 20 num peril of train Total Credit 4 3	5 5 9 2 29 od of 4 ing and Hou

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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		
	Total			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	Lah	0	0	0	0	12	12		

Lab

Note: For lateral entry students of Diploma in Civil Engineering

INDUSTRIAL TRAINING

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 3rd &/or 5th semester End Term Examinations (ETE) and Elementary Physics-II (QPHY1010), Elementary Mathematics-II (QMAT1011), Elementary Professional Communication-II (QSLP1012) along with 4th &/or 6th 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.