	B.E. CIVIL ENGINEE	RING					
	Minimum Credits to be Ea						
First Semester	,						
	Ī	Ob in a time	s &Outcomes				
Code No.	Course	Objectives	s &Outcomes	L	Т	Р	С
		PEOs	POs				
18CE101	ENGINEERING MATHEMATICS I	1,11,111	a,b	3	1	0	4
18CE102	ENGINEERING PHYSICS I	1,11,111	a,b,i	2	0	2	3
18CE103	ENGINEERING CHEMISTRY I	1,11,111	a,b,m,n	2	0	2	3
18CE104	BASICS OF ELECTRICAL ENGINEERING	1,11,111	a,b,d	2	0	2	3
18HS101	COMMUNICATIVE ENGLISH I	1,11,111	b,i,j	1	0	2	2
18CE105	ENGINEERING DRAWING	1,11,111	a,i,j,m,n	1	0	4	3
			Total	11	1	12	18.0
Second Semes	ster						
		Objective.					
Code No.	Course	Objectives	s &Outcomes	L	Т	Р	c
		PEOs	POs				
18CE201	ENGINEERING MATHEMATICS II	1,11,111	a,b	3	1	0	4
18CE202	ENGINEERING PHYSICS II	1,11,111	a,b,i	2	0	2	3
18CE203	ENGINEERING CHEMISTRY II	1,11,111	a,b,m,n	2	0	2	3
18CE204	ENGINEERING MECHANICS	1,11,111	a,b,c	3	0	0	3
18CE205	FUNDAMENTALS OF CIVIL ENGINEERING	1,11,111	a,c,d,e,m,n	2	0	2	3
.502200	LANGUAGE ELECTIVE	-,,	-	-	-	-	2
18CE206	ENGINEERING PRACTICES LABORATORY	1,11,111	- a	0	0	4	2
100E206	ENGINEERING PRACTICES LABORATORY	1,11,111		-			
			Total	12	1	10	20.0
Third Semeste	PT						
Code No.	Course ENGINEERING MATHEMATICS III	Objectives	s &Outcomes		_	P	
Code No.		PEOs	POs	L	Т		c
18CE301				2	1	0	4
		1,11,111	a,b	3	-	_	
18CE302	MECHANICS OF DEFORMABLE BODIES	1,11,111	a,b	3	1	0	4
18CE303	APPLIED GEOLOGY	1,11,111	a,b,c,d,e	3	0	0	3
18CE304	SURVEY AND GEOMATICS	1,11,111	a,b,d,e,m,n	3	0	0	3
18CE305	FLUID MECHANICS AND MACHINERIES	1,11,111	a,b,c,e	3	0	2	4
18CE306	COMPUTER PROGRAMMING	1,11,111	a,e,i,l	2	0	2	3
18CE307	COMPUTER AIDED BUILDING DRAWING LABORATORY	1,11,111	a,e,h,i,l,m	0	0	4	2
18CE308	SURVEY LABORATORY	1,11,111	a,b,c,d,e	0	0	4	2
18GE301	SOFT SKILLS - VERBAL ABILITY	-	-	2	0	0	0
			Total	19	2	12	25.0
Fourth Semes	ter						
	T	1					$\overline{}$
Code No.	Course	Objectives	s &Outcomes	L	Т	Р	l c l
		PEOs	POs				
18HS001	ENVIRONMENTAL SCIENCE	1,11,111	a,b	2	0	0	0
18CE401	CONCRETE TECHNOLOGY	1,11,111	a,b,c,e,m,n	3	0	0	3
18CE402	DESIGN OF RCC ELEMENTS	1,11,111	a,b,c,n	3	0	0	3
18CE403	STRUCTURAL ANALYSIS I	1,11,111	b,m	3	1	0	4
18CE404	SOIL MECHANICS	1,11,111	a,b,c,d,m,n	3	0	0	3
18CE404	WATER RESOURCES ENGINEERING	1,11,111	a,b,c,m,n	3	0	0	3
18CE405	CONSTRUCTION TECHNIQUES AND EQUIPMENTS						
		1,11,111	a,b,c,f,k,m,n a,b,c,d,e,f	3	0	0	3
18CE407		11 11 111	140000	0	0	4	2
460=	STRENGTH OF MATERIALS LABORATORY	1,11,111		-		-	
18CE408	GEOTECHNICAL ENGINEERING LABORATORY	1,11,111	a,b,c,d,m,n	0	0	4	2
18CE408 18GE401			a,b,c,d,m,n	0	0	0	0
18GE401	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING			0			
	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING		a,b,c,d,m,n	0	0	0	0
18GE401 Fifth Semester	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING	-	a,b,c,d,m,n - Total	0 2 22	0	8	0 23.0
18GE401	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING	I,II,III	a,b,c,d,m,n - Total	0	0	0	0
18GE401 Fifth Semester Code No.	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING Course	Objectives PEOs	a,b,c,d,m,n - Total s &Outcomes POs	0 2 22	0 1	0 8 P	0 23.0 C
18GE401 Fifth Semester Code No. 18CE501	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING Course STRUCTURAL ANALYSIS II	Objectives PEOs	a,b,c,d,m,n - Total s &Outcomes POs a,b,c,m	0 2 22 L	0 1 T	0 8 P	0 23.0 C
18GE401 Fifth Semester Code No. 18CE501 18CE502	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES	Objectives PEOs 1,11,111 1,11,111	a,b,c,d,m,n - Total s &Outcomes POs	0 2 22	0 1	0 8 P 0	0 23.0 C 4 3
18GE401 Fifth Semester Code No. 18CE501	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING	Objectives PEOs	a,b,c,d,m,n - Total s &Outcomes POs a,b,c,m	0 2 22 L	0 1 T	0 8 P	0 23.0 C
18GE401 Fifth Semester Code No. 18CE501 18CE502	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES	Objectives PEOs 1,11,111 1,11,111	a,b,c,d,m,n Total S &Outcomes POs a,b,c,m a,b,c,m,n	0 2 22 22 L 3	0 1 T	0 8 P 0	0 23.0 C 4 3
18GE401 Fifth Semester Code No. 18CE501 18CE502 18CE503	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING	Objectives PEOS 1,11,111 1,11,111 1,11,111	a,b,c,d,m,n Total S &Outcomes POs a,b,c,m a,b,c,m,n a,b,c,d,f,m	0 2 22 22 L 3 3 3	0 1 T	0 8 P 0 0	0 23.0 C 4 3
18GE401 Fifth Semester Code No. 18CE501 18CE502 18CE503	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING IRRIGATION ENGINEERING	Objectives PEOs 1,11,111 1,11,111 1,11,111	a,b,c,d,m,n Total S &Outcomes POs a,b,c,m a,b,c,m,n a,b,c,d,f,m	0 2 22 22 L 3 3 3 3	0 1 T 1 0 0 0	0 8 P 0 0 0	0 23.0 C 4 3 3 4
18GE401 Fifth Semester Code No. 18CE501 18CE502 18CE503	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING IRRIGATION ENGINEERING PROFESSIONAL ELECTIVE I	Objectives PEOs 1,11,111 1,11,111 1,11,111	a,b,c,d,m,n Total S &Outcomes POs a,b,c,m a,b,c,m,n a,b,c,d,f,m	2 22 22 L 3 3 3 3	T 1 0 0 0 -	0 8 P 0 0 0 0 2	0 23.0 C 4 3 3 4 3
18GE401 Fifth Semester Code No. 18CE501 18CE502 18CE503 18CE504	Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING IRRIGATION ENGINEERING PROFESSIONAL ELECTIVE I PROFESSIONAL ELECTIVE II CONCRETE AND STRUCTURAL ANALYSIS LABORATORY	Objectives PEOs I,II,III I,II,III I,II,III I,II,III I,II,I	a,b,c,d,m,n Total S &Outcomes POs a,b,c,m a,b,c,m,n a,b,c,d,f,m a,b,c,g,m,n - a,d,e,f,m	2 22 22 L 3 3 3 3 -	T 1 0 0 0 0 0	0 8 P 0 0 0 2 -	C 4 3 3 4 3 3 2
18GE401 Fifth Semester Code No. 18CE501 18CE502 18CE503 18CE504 18CE507 18CE508	Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING IRRIGATION ENGINEERING PROFESSIONAL ELECTIVE I PROFESSIONAL ELECTIVE II CONCRETE AND STRUCTURAL ANALYSIS LABORATORY COMPUTER AIDED DESIGN AND DRAWING LABORATORY		a,b,c,d,m,n - Total s &Outcomes POs a,b,c,m a,b,c,m,n a,b,c,d,f,m a,b,c,g,m,n	2 22 22 L 3 3 3 3 - - 0	T 1 0 0 0 0 0 0	0 8 P 0 0 0 2 - - 4 4	0 23.0 c 4 3 3 4 3 2 2
18GE401 Fifth Semester Code No. 18CE501 18CE502 18CE503 18CE504	Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING IRRIGATION ENGINEERING PROFESSIONAL ELECTIVE I PROFESSIONAL ELECTIVE II CONCRETE AND STRUCTURAL ANALYSIS LABORATORY	Objectives PEOs I,II,III I,II,III I,II,III I,II,III I,II,I	a,b,c,d,m,n Total S &Outcomes POs a,b,c,m,n a,b,c,d,f,m a,b,c,d,f,m a,d,e,f,m a,b,c	2 22 22 L 3 3 3 3 	T 1 0 0 0 0 0 0 0 0	0 8 P 0 0 0 2 - - 4 4 2	0 23.0 c 4 3 3 4 3 2 2
18GE401 Fifth Semester Code No. 18CE501 18CE502 18CE503 18CE504 18CE507 18CE508 18GE501	Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING IRRIGATION ENGINEERING PROFESSIONAL ELECTIVE I PROFESSIONAL ELECTIVE II CONCRETE AND STRUCTURAL ANALYSIS LABORATORY COMPUTER AIDED DESIGN AND DRAWING LABORATORY SOFT SKILLS - APTITUDE I	Objectives PEOs I,II,III I,II,III I,II,III I,II,III I,II,I	a,b,c,d,m,n Total S &Outcomes POs a,b,c,m a,b,c,m,n a,b,c,d,f,m a,b,c,g,m,n - a,d,e,f,m	2 22 22 L 3 3 3 3 - - 0	T 1 0 0 0 0 0 0	0 8 P 0 0 0 2 - - 4 4	0 23.0 c 4 3 3 4 3 2 2
18GE401 Fifth Semester Code No. 18CE501 18CE502 18CE503 18CE504 18CE507 18CE508 18GE501 Sixth Semester	GEOTECHNICAL ENGINEERING LABORATORY SOFT SKILLS-REASONING Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING IRRIGATION ENGINEERING PROFESSIONAL ELECTIVE I PROFESSIONAL ELECTIVE II CONCRETE AND STRUCTURAL ANALYSIS LABORATORY COMPUTER AIDED DESIGN AND DRAWING LABORATORY SOFT SKILLS - APTITUDE I	Objectives PEOS 1,11,111 1,11,111 1,11,111 1,11,111 1,11,111 1,11,111	a,b,c,d,m,n Total S &Outcomes POs a,b,c,m a,b,c,d,f,m a,b,c,d,f,m a,d,e,f,m a,b,c - Total	2 22 22 L 3 3 3 3 - 0 0 0	T 1 0 0 0 0 - 0 0 0 1	0 8 P 0 0 0 2 - 4 4 4 2 12	C 4 3 3 4 3 2 2 2 0 24.0
18GE401 Fifth Semester Code No. 18CE501 18CE502 18CE503 18CE504 18CE507 18CE508 18GE501	Course STRUCTURAL ANALYSIS II DESIGN OF RCC STRUCTURES FOUNDATION ENGINEERING IRRIGATION ENGINEERING PROFESSIONAL ELECTIVE I PROFESSIONAL ELECTIVE II CONCRETE AND STRUCTURAL ANALYSIS LABORATORY COMPUTER AIDED DESIGN AND DRAWING LABORATORY SOFT SKILLS - APTITUDE I	Objectives PEOS 1,11,111 1,11,111 1,11,111 1,11,111 1,11,111 1,11,111	a,b,c,d,m,n Total S &Outcomes POs a,b,c,m,n a,b,c,d,f,m a,b,c,d,f,m a,d,e,f,m a,b,c	2 22 22 L 3 3 3 3 	T 1 0 0 0 0 0 0 0 0	0 8 P 0 0 0 2 - - 4 4 2	0 23.0 c 4 3 3 4 3 2 2

		DE0					
10110000	PROFESSIONAL ETHICS IN ENGINEERING	PEOs	POs			_	
18HS002	PROFESSIONAL ETHICS IN ENGINEERING	-	-	2	0	0	2
18CE603	ESTIMATION COSTING AND QUANTITY SURVEYING	1,11,111	a,b,c,d,e,f,h,m	3	0	0	3
18CE604	WATER SUPPLY AND WASTE WATER ENGINEERING	1,11,111	a,b,c,m,n	3	0	0	3
	PROFESSIONAL ELECTIVE III	-	-	-	-	-	3
	PROFESSIONAL ELECTIVE IV	-	-	-	-	-	3
18CE607	COMPUTER AIDED PLANNING AND MANAGEMENT LABORATORY	1,11,111	a,b,d,k,m,n	0	0	4	2
18CE602	DESIGN OF STEEL STRUCTURES	1,11,111	a,b,c,m,n	3	0	0	3
18GE601	SOFT SKILLS-APTITUDE II	-	-	0	0	2	0
18CE608	ENVIRONMENTAL ENGINEERING LABORATORY	1,11,111	a,b,c,d,j,m,n	0	0	4	2
			Total	11	0	10	21.0
Seventh Sem	ester						
			22.1				T T
Code No.	Course	Objectives	s &Outcomes	L	Т	Р	l c
		PEOs	POs				
18HS003	PRINCIPLES OF MANAGEMENT	1,11,111	a,b,c,d,e,l,n	2	0	0	2
18CE702	HIGHWAY AND RAILWAY ENGINEERING	1,11,111	a,b,c,m,n	3	0	0	3
18CE703	STRUCTURAL DYNAMICS AND EARTHQUAKE ENGINEERING	1,11,111	a,b,c,d,e,f,m,n	3	0	0	3
18CE704	PRESTRESSED CONCRETE STRUCTURES	1,11,111	a,b,c,m,n	3	0	0	3
.002707	PROFESSIONAL ELECTIVE V	-	-	-			3
	PROFESSIONAL ELECTIVE VI	+	+		<u> </u>	<u> </u>	3
4005===		-	- 1	-	_	-	_
18CE707	TRANSPORTATION ENGINEERING LABORATORY	1,11,111	a,b,c,d,m,n	0	0	4	2
18CE708	PROJECT WORK I	1,11,111	a,b,c,d,e,f,g,h,	0	0	6	3
			i,k,l				
			Total	11	0	10	22.0
Eight Semest	er						
		Objectives	s &Outcomes	L	_		
Code No.	Course	PEOs			т	Р	С
	DDOCECOLONAL ELECTIVE VIII	PEUS	PUS				
	PROFESSIONAL ELECTIVE VII	-	-	-	-	-	3
	PROFESSIONAL ELECTIVE VIII	-	-	-	-	-	3
	PROFESSIONAL ELECTIVE IX	-	-	-	-	-	3
			a b a d a f a b				
18CE804	PROJECT WORK II	1,11,111	a,b,c,d,e,f,g,h,	0	0	18	9
18CE804	PROJECT WORK II	1,11,111	i,k,l				Ů
	PROJECT WORK II	1,11,111		0	0	18 18	18.0
18CE804 Electives	PROJECT WORK II	1,11,111	i,k,l				Ů
Electives	<u> </u>		i,k,l	0	0	18	18.0
	PROJECT WORK II Course		i,k,l Total				
Electives	Course	Objectives	i,k,l Total	0	0	18	18.0
Electives Code No. ONE CREDIT	Course	Objectives	i,k,l Total	0 L	0 T	18 P	18.0
Electives Code No.	Course	Objectives	i,k,l Total	0	0	18	18.0
Electives Code No. ONE CREDIT 18CE0XK	Course COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF	Objectives	i,k,l Total	0 L	0 T	18 P	18.0 C
Electives Code No. ONE CREDIT	Course COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES	Objectives	i,k,l Total	0 L	0 T	18 P	18.0
Electives Code No. ONE CREDIT 18CE0XK	Course COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING	Objectives	i,k,l Total	0 L	0 T	18 P	18.0 C
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM	Course COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS	Objectives	i,k,l Total	0 L	0 T	18 P	18.0 C
Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG	Course COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION	Objectives	i,k,l Total	0 L 1 1 1	0 T O O O	18 P	18.0 C
Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY	Objectives	i,k,l Total	1 1 1 1	0 T 0 0 0 0 0	18 P	18.0 C
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY LECTIVES	Objectives PEOs	rotal Total S &Outcomes POs	1 1 1 1	0 0 0 0 0 0 0 0	18 P	18.0 C
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY LECTIVES COMMUNICATIVE ENGLISH II	Objectives	i,k,l Total	1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0	18 P	18.0 C 1 1 1 1 1 1 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE	Objectives PEOs I,II	rotal Total S &Outcomes POs	1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18 P 0 0 0 0 0 2 2	18.0 C 1 1 1 1 1 1 2 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH	Objectives PEOs	rotal Total S &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 2 2 2	18.0 C 1 1 1 1 1 1 2 2 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSG01	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY LECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN	Objectives PEOs I,II	rotal Total S &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 2 2 2 2 2	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSC01 18HSG01 18HSG01 18HSH01	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI	Objectives PEOs	rotal Total S &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 2 2 2 2 2 2	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSG01 18HSG01 18HSH01 18HSJ01	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY LECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE	Objectives PEOs I,II	rotal Total S &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 2 2 2 2 2	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSF01 18HSG01 18HSH01 18HSJ01 OPEN ELECT	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY LECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE	Objectives PEOs	rotal Total S &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 2 2 2 2 2 2 2	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSG01 18HSG01 18HSH01 18HSJ01 OPEN ELECT 18GE0P1	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES	Objectives PEOs	i,k,l Total s &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 3	0	18 P 0 0 0 0 0 0 2 2 2 2 2 2 0	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2 2 2 3
Electives Code No. ONE CREDIT 18CE0XK 18CE0XK 18CE0XM 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSF01 18HSF01 18HSH01 18HSH01 18HSH01 18HSH01 18HSH01 18HSH01	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES	Objectives	i,k,l Total s &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 2 2 2 2 2 2 0 0	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2 2 2 3 3 3
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSG01 18HSG01 18HSH01 18HSJ01 OPEN ELECT 18GE0P1	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES	Objectives PEOs	i,k,l Total s &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 2 2 2 2 2 2 0 0 0 0	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2 2 2 3 3 3 3 3
Electives Code No. ONE CREDIT 18CE0XK 18CE0XK 18CE0XM 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSF01 18HSF01 18HSH01 18HSH01 18HSH01 18HSH01 18HSH01 18HSH01	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES	Objectives	i,k,l Total s &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 2 2 2 2 2 2 0 0	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2 2 2 3 3 3
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSF01 18HSF01 18HSH01 18HSH01 18HSH01 18HSJ01 OPEN ELECT 18GE0P1 18GE0P2 18GE0P4	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES BIO-PHOTONICS	Objectives	i,k,l	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 2 2 2 2 2 2 0 0 0 0	18.0 C 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 3 3 3 3 3 3
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSF01 18HSF01 18HSG01 18HSH01 18HSH01	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES BIO-PHOTONICS PHYSICS OF SOFT MATTER	Objectives	i,k,l	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18 P 0 0 0 0 0 2 2 2 2 2 2 0 0 0 0 0	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2 2 2 3 3 3 3 3
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSG01 18HSG01 18HSH01 18HSH01 18HSH01 18HSJ01 OPEN ELECT 18GE0P1 18GE0P2 18GE0P4 18GE0P5 18GE0C1	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES BIO-PHOTONICS PHYSICS OF SOFT MATTER CORROSION SCIENCE AND ENGINEERING	Objectives PEOs	i,k,l	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18 P 0 0 0 0 0 0 2 2 2 2 2 2 0 0 0 0 0 0 0	18.0 C 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 3 3 3 3
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSF01 18HSG01 18HSH01 18HSJ01 OPEN ELECT 18GE0P2 18GE0P4 18GE0P5 18GE0C1 18GE0C2	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES BIO-PHOTONICS PHYSICS OF SOFT MATTER CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES	Objectives PEOs	i,k,l	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 0 2 2 2 2 2 2 0 0 0 0 0 0	18.0 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Electives Code No. ONE CREDIT 18CE0XK 18CE0XM 18CE0XG 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HS201 18HSC01 18HSF01 18HSF01 18HSG01 18HSH01 18HSH01 18HSJ01 OPEN ELECT 18GE0P1 18GE0P2 18GE0P4 18GE0C2 18GE0C3 18GE0C3	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES BIO-PHOTONICS PHYSICS OF SOFT MATTER CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE APPLIED LASER SCIENCE	Objectives PEOs	i,k,l	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18.0 C 1 1 1 1 1 1 1 1 3 3 3 3 3
Electives Code No. ONE CREDIT 18CE0XK 18CE0XK 18CE0XK 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSC01 18HSF01 18HSF01 18HSF01 18HSG01 18HSH01 18HSJ01 OPEN ELECT 18GE0P1 18GE0P2 18GE0P4 18GE0P5 18GE0C2 18GE0C3 18GE0P3 DISCIPLINE E	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES BIO-PHOTONICS PHYSICS OF SOFT MATTER CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE APPLIED LASER SCIENCE	Objectives PEOs , - , , - , , , , , , , , , ,	i,k,l Total s &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18.0 C 1 1 1 1 1 1 1 1 2 2 2 2 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XK 18CE0XK 18CE0XC 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HS201 18HSF01 18HSF01 18HSF01 18HSF01 18HSG01 18HSH01 18HSJ01 OPEN ELECT 18GE0P1 18GE0P2 18GE0P4 18GE0P5 18GE0C1 18GE0C2 18GE0C3 18GE0C3 18GE0C3 DISCIPLINE E 18CE001	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES BIO-PHOTONICS PHYSICS OF SOFT MATTER CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE APPLIED LASER SCIENCE LECTIVES CONCEPTUAL PLANNING AND BYE LAWS	Objectives PEOs	i,k,l Total s &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XK 18CE0XM 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSF01 18HSF01 18HSG01 18HSG01 18HSG01 18GE0P1 18GE0P2 18GE0P4 18GE0P5 18GE0C1 18GE0C2 18GE0C3 18GE0C3 18GE0P3 DISCIPLINE E 18CE001 18CE002	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES BIO-PHOTONICS PHYSICS OF SOFT MATTER CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE APPLIED LASER SCIENCE LECTIVES CONCEPTUAL PLANNING AND BYE LAWS TOTAL STATION AND GPS SURVEYING	Objectives PEOs	i,k,l Total s &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18.0 C 1 1 1 1 1 1 1 1 2 2 2 2 2
Electives Code No. ONE CREDIT 18CE0XK 18CE0XK 18CE0XK 18CE0XH 18CE0XI LANGUAGE E 18HS201 18HSC01 18HSF01 18HSF01 18HSF01 18HSF01 18HSG01 18HSH01 18HSG01 18GE0P1 18GE0P2 18GE0P4 18GE0P5 18GE0C1 18GE0C2 18GE0C3 18GE0C3 18GE0C3 18CE001	COURSES CONCEPT AND PRACTICE OF REPAIR AND REHABILITATION OF CONCRETE STRUCTURES DESIGN AND DETAILING OF MULTISTORY BUILDINGS USING SOFTWARE ANALYSIS URBAN SANITATION NON-SEWERED SANITATION PRIMARY SECTORS IN CONSTRUCTION INDUSTRY ELECTIVES COMMUNICATIVE ENGLISH II CHINESE FRENCH GERMAN HINDI JAPANESE IVES NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES BIO-PHOTONICS PHYSICS OF SOFT MATTER CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE APPLIED LASER SCIENCE LECTIVES CONCEPTUAL PLANNING AND BYE LAWS	Objectives PEOs	i,k,l Total s &Outcomes POs	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	18 P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18.0 C 1 1 1 1 1 1 1 2 2 2 2 2 2

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18CE005	BUILDING SERVICES	1,11,111	a,b,c,m	3	0	0	3
18CE006	DESIGN OF TIMBER AND MASONRY ELEMENTS	1,11,111	a,b,c,g,m,n	3	0	0	3
18CE007	REMOTE SENSING AND GIS	1,11,111	a,b,c,e	3	0	0	3
18CE008	AIR POLLUTION CONTROL AND MANAGEMENT	1,11,111	a,b,c,m,n	3	0	0	3
18CE009	REPAIR AND REHABILITATION OF STRUCTURES	1,11,111	c,e,f,g,m,n	3	0	0	3
18CE010	TOTAL QUALITY MANAGEMENT	1,11,111	a,b,d,e	3	0	0	3
18CE011	MUNICIPAL SOLID WASTE MANAGEMENT	1,11,111	a,b,g,m,n	3	0	0	3
					_	-	
18CE012	GROUND IMPROVEMENT TECHNIQUES	1,11,111	a,b,c,d,g,m,n	3	0	0	3
18CE013	ARCHITECTURE AND URBAN PLANNING	1,11,111	a,b,c,f,g	3	0	0	3
18CE014	ENVIRONMENTAL IMPACT ASSESSMENT	1,11,111	a,b,d,f,g,m,n	3	0	0	3
18CE015	BRIDGE ENGINEERING	1,11,111	a,b,d,e,f	3	0	0	3
18CE016	INSTRUMENTATION AND SENSOR TECHNOLOGIES FOR CIVIL ENGINEERING	1,11,111	a,b,c,m	3	0	0	3
18CE017	ADVANCED RC DESIGN	1,11,111	a,b,c,d,e,m,n	3	0	0	3
18CE018	TALL STRUCTURES	1,11,111	а	3	0	0	3
18CE019	COST EFFECTIVE CONSTRUCTION AND GREEN BUILDING	1,11,111	a,b,g,m,n	3	0	0	3
18CE020	COASTAL ENGINEERING	1,11,111	a,b,c,f,m,n	3	0	0	3
18CE021	ADVANCED STEEL DESIGN	1,11,111	a,b,c,d,e	3	0	0	3
18CE022	GEOENVIRONMENTAL ENGINEERING	1,11,111	a,b,c,f,m	3	0	0	3
					-	-	
18CE023	AIRPORT, DOCKS AND HARBOUR ENGINEERING	1,11,111	a,b,c,k,m,n	3	0	0	3
18CE024	ENERGY SCIENCE AND ENGINEERING	1,11,111	a,f,g	3	0	0	3
18CE025	MASS TRANSPORTATION SYSTEMS	1,11,111	a,b,c,m,n	3	0	0	3
18CE026	STRUCTURAL HEALTH MONITORING	1,11,111	a,b,c,m,n	3	0	0	3
18CE027	INDUSTRIAL WASTE MANAGEMENT	1,11,111	a,b,c,m,n	3	0	0	3
		1 ' '			-	_	_
18CE028	INTRODUCTION TO GEOTECHNICAL EARTHQUAKE ENGINEERING	1,11,111	a,b,d,e,f	3	0	0	3
18CE029	PREFABRICATED STRUCTURES	1,11,111	a,b,c,d,e	3	0	0	3
18CE030	REINFORCED SOIL STRUCTURES	1,11,111	a,b,c,f,g,m	3	0	0	3
18CE031	TRAFFIC ENGINEERING AND MANAGEMENT	1,11,111	a,b,c,d,n	3	0	0	3
18CE032	FINITE ELEMENT ANALYSIS	1,11,111	a,b,c,m,n	3	0	0	3
					-	_	
18CE033	DESIGN OF INDUSTRIAL STRUCTURES	1,11,111	a,b,c,d,n	3	0	0	3
18CE034	ROCK MECHANICS AND APPLICATIONS	1,11,111	a,b,d	3	0	0	3
18CE035	TRANSPORTATION PLANNING AND SYSTEMS	1,11,111	a,b,c,d,m,n	3	0	0	3
18CE036	DISASTER PREPAREDNESS AND PLANNING	1,11,111	b,f,g,m	3	0	0	3
OPEN ELECT		,,,,,,,	5,1,9,111		_		
		T			_	_	
18CE0YA	GREEN BUILDINGS	1,11,111	a,b,c,d,e,m,n	3	0	0	3
18CE0YB	DISASTER PREPAREDNESS AND PLANNING	1,11,111	b,f,g,m	3	0	0	3
18CE0YC	ENVIRONMENTAL IMPACT ASSESSMENT	1,11,111	a,b,c,e,f,g,h,i, n	3	0	0	3
18CE0YD	BUILDING SERVICES	1,11,111	a,b,c,m	3	0	0	3
	INDUSTRIAL WASTE MANAGEMENT			3	-	-	3
18CE0YE		1,11,111	a,b,c,m,n		0	0	
18CE0YF	WEALTH FROM WASTE	1,11,111	a,b,c,e,f,m,n	3	0	0	3
18CE0YG	RISK AND SAFETY MANAGEMENT	1,11,111	a,b,e,f,m,n	3	0	0	3
18CE0YH	ENERGY SCIENCE AND ENGINEERING	1,11,111	a,f,g	3	0	0	3
18CE0YI	CONCEPTS OF REMOTE SENSING	1,11,111	a,b,c,e	3	0	0	3
ONE CREDIT		1,11,111	а,ь,с,е		Ŭ	Ü	
ONE CREDIT							
18CE0XA	ENVIRONMENTAL CONSERVATION IN RIVER BASINS FOR SUSTAINABLE DEVELOPMENT	1,11,111	a,d	1	0	0	1
18CE0XB	CONSTRUCTION CHEMICALS IN CONSTRUCTION INDUSTRY- SIGNIFICANCE	1,11,111	b,m	1	0	0	1
18CE0XC	INTEGRATED WATERSHED DEVELOPMENT AND MANAGEMENT	1,11,111	a,m	1	0	0	1
TOCEUAC	INTEGRATED WATERSHED DEVELOPMENT AND MANAGEMENT	1,11,111			U	U	<u> </u>
18CE0XD	INDUSTRIAL APPROACH TO REAL TIME COMPLEX PROBLEMS	1,11,111	a,b,c,d,e,g,j,m ,n	1	0	0	1
18CE0XE	ESTIMATION AND BAR BENDING SCHEDULE	1,11,111	a,b,m	1	0	0	1
18CE0XF	CONSTRUCTION PRACTICES AND MIX PROPORTIONING -		o m	4	_	_	1
	PRACTICAL APPROACH	1,11,111	a,m	1	0	0	1
ADDITIONAL	ONE CREDIT COURSE						
18GE0XA	ETYMOLOGY	-	-	1	0	0	1
18GE0XB	GENERAL PSYCHOLOGY	<u> -</u>	-	1	0	0	1
18GE0XC	NEURO BEHAVIORAL SCIENCE	1,11		1	0	0	1
		<u> </u>	' -		-	_	
18GE0XD	VISUAL MEDIA AND FILM MAKING	1,11,111	b,f	1	0	0	1
18GE0XE	YOGA FOR HUMAN EXCELLENCE	-	-	1	0	0	1
18GE0XF	VEDIC MATHEMATICS	<u> -</u>	-	1	0	0	1
18GE0XG	HEALTH AND FITNESS	 -	1-	1	0	0	1
10020/0					L ~	Ů	<u> </u>
18GE0XH	CONCEPT, METHODOLOGY AND APPLICATIONS OF VERMICOMPOSTING	-	-	1	0	0	1
18GE0XI	BLOG WRITING	1,11,111	f,g,j	1	0	0	1
18GE0XJ	INTERPERSONAL SKILLS	1,11	i	1	0	0	1
18GE0XK	NEW AGE INNOVATION AND ENTREPRENEURSHIP	1,11	i	1	0	0	1
		<u> </u>	' a :				
18GE0XL	NATIONAL CADET CORPS	1,11,111	g,i	1	0	0	1
18GE0XM	COMMUNITY SERVICE AND LEADERSHIP DEVELOPMENT	<u>-</u>		1	0	0	1

18GE0XN	DISRUPTIVE INNOVATION BASED STARTUP ACTIVITIES	I-	I-	1	0	0	1
18GE0XO	SOCIAL PSYCHOLOGY	1,11	i	1	0	0	1
	Introduction to MATLAB	1,11,111	a,b	1	0	0	1
OPEN ELECTI		.,,	и,Б	<u>'</u>	Ů	Ü	<u> </u>
18AE0YA	NON-DESTRUCTIVE TESTING	I -	-	3	0	0	3
18AE0YB	SMART MATERIALS	-	-	3	0	0	3
18AE0YC	FUNDAMENTALS OF AIRCRAFT ENGINEERING	-	-	3	0	0	3
	ENTREPRENEURSHIP DEVELOPMENT AND FOOD QUALITY						
18AG0YA	MANAGEMENT FOOD INDUSTRY	-	-	3	0	0	3
18AG0YB	HUMAN ENGINEERING AND SAFETY IN AGRICULTURE	-	-	3	0	0	3
18AG0YC	ENERGY MANGEMENT IN AGRICULTURE	-	-	3	0	0	3
18AG0YD	FARM MECHANISATION	-	-	3	0	0	3
18AU0YA	AUTOMOTIVE ENGINEERING	-	-	3	0	0	3
18AU0YB	VEHICLE CONTROL SYSTEMS	-	-	3	0	0	3
18AU0YC	PUBLIC TRANSPORT MANAGEMENT	-	-	3	0	0	3
18AU0YD	TECHNOLOGIES FOR GREEN MOBILITY	-	-	3	0	0	3
18AU0YE	TROUBLE SHOOTING AND MAINTENANCE OF AUTOMOBILES	-	-	3	0	0	3
18BT0YA	BIOFUELS	-	-	3	0	0	3
18BT0YB	MUSHROOM CULTIVATION AND VERMICOMPOSTING	-	-	3	0	0	3
18BT0YC	FORENSIC TECHNOLOGY	-	-	3	0	0	3
18CS0YA	E-LEARNING TECHNIQUES	-	-	3	0	0	3
18CS0YB	SOFTWARE TESTING AND QUALITY ASSURANCE	1-	-	3	0	0	3
18CS0YC	JAVA FUNDAMENTALS	1-	-	3	0	0	3
18CS0YD	NETWORK ENGINEERING AND MANAGEMENT	1-	-	3	0	0	3
18CS0YE	AGENT BASED INTELLIGENT SYSTEMS	ļ-	1-	3	0	0	3
18CS0YF	E-BUSINESS	1-	-	3	0	0	3
18CS0YG	KNOWLEDGE DISCOVERY IN DATABASES	1-	-	3	0	0	3
18CS0YH	SOCIAL NETWORK ANALYSIS CONCEPTS	-	-	3	0	0	3
18CS0YI	OPERATING SYSTEM CONCEPTS	-	-	3	0	0	3
18CS0YJ	OBJECT ORIENTED PROGRAMMING	-	-	3	0	0	3
18EC0YA	BASICS OF ANALOG AND DIGITAL ELECTRONICS	-	-	3	0	0	3
18EC0YB	AUTOMOTIVE ELECTRONICS	 -	1-	3	0	0	3
18EC0YC	PCB DESIGN AND PROTOTYPING	 -	1-	3	0	0	3
18EC0YD	MICROCONTROLLER PROGRAMMING	 -	1-	3	0	0	3
18EC0YE	ENGINEERING COMPUTATION WITH MATLAB	 -	-	3	0	0	3
18EC0YF	BASICS OF HARDWARE DESCRIPTION LANGUAGES	-	-	3	0	0	3
18EC0YG	FUNDAMENTALS OF EMBEDDED SYSTEMS	-	-	3	0	0	3
18EC0YH	PRINCIPLES OF COMMUNICATION SYSTEMS	-	-	3	0	0	3
18EC0YI	ELECTRONIC PRODUCT DESIGN AND PACKAGING	-	-	3	0	0	3
	PRINCIPLES OF COMPUTER COMMUNICATION AND NETWORKS	-	-	3	0	0	3
18EE0YA	ENERGY CONSERVATION AND MANAGEMENT	-	-	3	0	0	3
18EE0YB	ELECTRICAL SAFETY	 -	-	3	0	0	3
18EE0YC	INDUSTRIAL DRIVES AND CONTROL	-	-	3	0	0	3
18EI0YA	PROGRAMMABLE LOGIC CONTROLLERS	-	-	3	0	0	3
18EI0YB	SENSOR TECHNOLOGY	 -	1-	3	0	0	3
18EI0YC	FUNDAMENTALS OF VIRTUAL INSTRUMENTATION	 -	1-	3	0	0	3
18EI0YD	OPTOELECTRONICS AND LASER INSTRUMENTATION	 -	1-	3	0	0	3
18FD0YA	TRADITIONAL FOODS	1-	-	3	0	0	3
18FD0YB	FOOD LAWS AND REGULATIONS	1-	-	3	0	0	3
18FD0YC	POST HARVEST TECHNOLOGY OF FRUITS AND VEGETABLES	1-	1-	3	0	0	3
18FT0YA	FASHION CRAFTS	1-	1-	3	0	0	3
18FT0YB	FASHION ACCESSORIES	1-	-	3	0	0	3
18FT0YC	FASHION VISUAL MERCHANDISING	<u> -</u>	-	3	0	0	3
18FT0YD	INTERIOR DESIGN	1-	1-	3	0	0	3
18FT0YE	SURFACE EMBELLISHMENT	1-	-	3	0	0	3
18GE01	BUSINESS ANALYTICS	1-	1-	3	0	0	3
18GE02	INDUSTRIAL SAFETY	1-	-	3	0	0	3
18GE03	OPERATIONS RESEARCH	<u> -</u>	-	3	0	0	3
18GE04	COST MANAGEMENT OF ENGINEERING PROJECTS	<u> -</u>	-	3	0	0	3
18GE05	COMPOSITE MATERIALS	-	-	3	0	0	3
18GE06	WASTE TO ENERGY	-	-	3	0	0	3
18IT0YA	DATABASE MANAGEMENT SYSTEMS	i -	<u> </u> -	3	0	0	3
18IT0YB	DATA STRUCTURES AND ALGORITHMS	<u> -</u>	-	3	0	0	3
18IT0YC	DATA SCIENCES AND ANALYTICS	-	-	3	0	0	3
18IT0YD	OBJECT ORIENTED PROGRAMMING	-	-	3	0	0	3
18IT0YE	ARTIFICIAL INTELLIGENCE	-	-	3	0	0	3
18ME0YA	INDUSTRIAL PROCESS ENGINEERING	<u> </u>	-	3	0	0	3
18ME0YB	SAFETY ENGINEERING	-	-	3	0	0	3

18ME0YC	MAINTENANCE ENGINEERING	-	-	3	0	0	3
18ME0YD	BASICS OF NON-DESTRUCTIVE TESTING	-	-	3	0	0	3
18ME0YE	DIGITAL MANUFACTURING	-	-	3	0	0	3
18ME0YF	WORK STUDY AND ERGONOMICS	-	-	3	0	0	3
18ME0YG	METROLOGY IN INDUSTRY	-	-	3	0	0	3
18ME0YH	PLANT LAYOUT AND MATERIAL HANDLING	-	-	3	0	0	3
18ME0YI	CONCEPTS OF ENGINEERING DESIGN	-	-	3	0	0	3
18ME0YJ	OIL HYDRAULICS AND PNEUMATICS	-	-	3	0	0	3
18ME0YK	ENERGY AUDITING AND MANAGEMENT	-	-	3	0	0	3
18ME0YL	LEAN SIX SIGMA	-	-	3	0	0	3
18ME0YM	HEATING VENTILATION AND AIRCONDITIONING	-	-	3	0	0	3
18TT0YA	YARN AND FABRIC MANUFACTURE	-	-	3	0	0	3
18TT0YB	COLOURATION OF TEXTILES	-	-	3	0	0	3
18TT0YC	TEXTILES IN ENGINEERING APPLICATION	-	-	3	0	0	3
18TT0YD	GENERAL TEXTILE TECHNOLOGY	-	-	3	0	0	3