

**LIST OF ALTERNATE SUBJECTS FOR F – SCHEME TO G – SCHEME**

**DEPARTMENT: CIVIL ENGINEERING**

**THIRD TERM**

F - SCHEME			G - SCHEME			
S.NO	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	COURSE TYPE	END EXAM
1	1F3201	Mechanics of solids	1G233110	Mechanics of Materials	Theory	Theory
2	1F3202	Construction Materials and construction practice	1G233210	Construction Materials	Theory	Theory
3	1F3203	Surveying	1G233340	Surveying Practices	Practicum	Practical
4	1F3204	Building planning and drawing	1G233440	Building planning and drawing	Practicum	Practical
5	1F3401	Civil engineering drawing and CAD Practical -I	1G233440	Building planning and drawing	Practicum	Practical
6	1F3205	Material testing laboratory-I	1G233640	Material testing lab	Practicum	Practical
7	1F3206	Surveying Practice-I	1G233340	Surveying Practices	Practicum	Practical

*R. Raghav*  
HOD

*S. S. S.*  
PRINCIPAL

**FOURTH TERM**

F - SCHEME			G - SCHEME			
S.NO	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	COURSE TYPE	END EXAM
1	1F4301	THEORY OF STRUCTURES	1G234110	MECHANICS OF STRUCTURES	THEORY	THEORY
2	1F4302	TRANSPORTATION ENGINEERING	1G234210	TRANSPORTATION ENGINEERING	THEORY	THEORY
3	1F4207	HYDRAULICS	1G233540 (G - 3 <sup>rd</sup> Term)	HYDRAULICS (G - 3 <sup>rd</sup> Term)	Practicum	PRACTICAL
4	1F4208	HYDRAULICS LABORATORY				
5	1F4303	MATERIAL TESTING LABORATORY-II	<b>NO EQUIVALENT</b>			
6	1F4304	CONSTRUCTION PRACTICE LABORATORY	1G234540	CONSTRUCTION PRACTICES	Practicum	PRACTICAL
7	1F4305	SURVEYING PRACTICE-II	1G233340 (G - 3 <sup>rd</sup> Term)	SURVEYING PRACTICES (G - 3 <sup>rd</sup> Term)	Practicum	PRACTICAL
8	1F0006	UNIVERSAL HUMAN VALUES	<b>NO EQUIVALENT</b>			

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**FIFTH TERM**

F - SCHEME			G - SCHEME			
S.N O	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	COURSE TYPE	END EXAM
1	1F5306	STRUCTURAL ENGINEERING	1G235110	DESIGN OF RCC STRUCTURES (LIMIT STATE METHOD)	THEORY	THEORY
2	1F5307	ENVIRONMENTAL ENGINEERING	1G235540	ENVIRONMENTAL ENGINEERING	Practicum	PRACTICAL
3	1F5309	ENVIRONMENTAL ENGINEERING LAB				
4	1F5308.2	ELECTIVE THEORY-1 (CONCRETE TECHNOLOGY)	1G234440 (G - 4 <sup>th</sup> Term)	CONCRETE TECHNOLOGY (G - 4 <sup>th</sup> Term)	Practicum	PRACTICAL
5	1F5310.2	ELECTIVE PRACTICAL-1 (CONCRETE TECHNOLOGY PRACTICAL)				
6	1F5308.1	ELECTIVE THEORY-1 (REMOTE SENSING AND GEO INFORMATICS)	NO EQUIVALENT			
7	1F5402	CIVIL ENGINEERING DRAWING AND CAD PRACTICAL-II	NO EQUIVALENT			
8	1F5501	ENTREPRENEURSHIP & START UP	NO EQUIVALENT			
9	1F0007	CONCURRENT CAREER DEVELOPMENT	NO EQUIVALENT			

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**LIST OF ALTERNATE SUBJECTS FOR F – SCHEME TO G- SCHEME**

**DEPARTMENT: CIVIL ENGINEERING**

**SIXTH TERM**

F - SCHEME			G - SCHEME			
S.NO	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	COURSE TYPE	END EXAM
1	1F6311 ✓	CONSTRUCTION MANAGEMENT ✓	1G235440	CONSTRUCTION MANGEMENT & SAFETY PRACTICE (V-TERM G SCHEME)	PRACTICUM	PRACTICAL
2	1F6209 ✓	ESTIMATION, COSTING AND VALUATION ✓	1G234640	ESTIMATING & COSTING (IV-TERM G-SCHEME)	PRACTICUM	PRACTICAL
3	1F6312.2	ELECTIVE THEORY-2- URBAN PLANNING & DEVELOPMENT ✓	1G235214	URBAN PLANNING & DEVELOPMENT (V-TERM G SCHEME)	THEORY	THEORY
4	1F6403 ✓	COMPUTER APPLICATIONS IN CIVIL ENGINEERING PRACTICE	1G235320	COMPUTER APPLICATIONS IN CIVIL ENGINEERING (V-TERM G SCHEME)	PRACTICAL	PRACTICAL
5	1F6313.1	ELECTIVE PRACTICAL-2 ESTIMATION & COSTING LAB ✓	1G234640	ESTIMATING & COSTING (IV-TERM G SCHEME)	PRACTICUM	PRACTICAL
6	1F6404	PROJECT WORK AND INTERNSHIP ✓	1G236374	IN HOUSE PROJECT (VI-TERM G SCHEME)	PROJECT	PROJECT

R. R. R. R.  
HPD 9/2/20

  
PRINCIPAL