

Department of Civil Engineering: Schedule of Courses for 2018-19 1st Semester

UG Compulsory Courses (D)								
S. No.	Course No.	L-T-P-A (Units)	Course Title	Instructor	Slot	Schedule		
						Lecture	Tutorial	Laboratory
1.	CE241A	3-0-0-0 (09)	Sustainable Built Environment	Tarun Gupta	OE-1	MWF 17:10-18:00	--	--
2.	CE311A	3-0-3-0 (12)	Environmental Quality and Pollution	Purnendu Bose Vinod Tare	3-1	MF8:00-8:50 W16:00-16:50	--	F16:00-16:50 M/T/Th 14:00-16:00
3.	CE331A	3-0-2-0 (11)	Geoinformatics	Salil Goel B Nagarajan	SLOT-1	TWTh 8:00-8:50	--	M/T/Th 14:00-16:00
4.	CE341A	0-0-2-0 (02)	Civil Engineering Communication Skills	Arghya Das	SLOT-7	--	--	T10:00-11:50
5.	CE351A	2-0-2-0 (08)	Soil Mechanics	Prishati Roychowdhury	SLOT-4	WF 15:00-15:50	--	M/T/Th 14:00-16:00
6.	CE361A	2-0-0-0 (06)	Engineering Hydrology	Richa Ojha	SLOT-6	TTh 17:10-18:00	--	--
7.	CE371A	2-0-0-0 (06)	Steel Design	Chinmoy Kolay	SLOT-5	WF 14:00-14:50	--	--
8.	CE441b	3-0-0-0 (05)	Construction Management	Sudhir Misra	OE-2	WF 9:00-10:15	--	--

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UG Departmental Electives (DE)					
[List all Courses (including OE and PG courses) declared as Departmental Electives]					
S. No.	Course No.	L-T-P-A (Units)	Course Title	Instructor	Slot
DE-A Courses					
1.	CE451A	3-0-0-2 (11)	Application of Geotechnical Engineering	Priyanka Ghosh	Lec. MTh9:00-10:15 [DE-1] Tut. F14:00-14:50 (unofficial)
2.	CE471A	3-0-0-2 (11)	Special Topics in Structural Design	Samit Ray Chaudhuri	Lec. MTh10:35-11:50 [DE-2] Tut. T17:10-18:00 (unofficial)
3.	CE481A	3-0-0-2 (11)	Transportation Facilities Design	Partha Chakroborty Syam Nair	Lec. MTh12:00-13:15 [DE-3] Tut. W14:00-14:50 (unofficial)
DE-B Courses					
4.	CE491A	0-0-0-9 (09)	B.Tech Project I	DUGC Convener	--
5.	CE492A	0-0-0-9 (09)	B.Tech Project II	DUGC Convener	--
6.	CE605A	1.5-0-0-0 (05)	Probability and Statistics for Civil Engineers	Shivam Tripathi	W10:35-11:50 [PG-6 / DE]
7.	CE606a	3-0-0-0 (05)	Optimization Methods for Civil Engineers	Suparno Mukhopadhyay	MF8:00-8:50 T9:00 -9:50 [PG-1 / DE-7]
8.	CE651A	3-0-0-0 (09)	Special Concretes	K V Harish	MTh14:00 – 15:15 [PG-13 / DE-4]
9.	CE723A	3-0-0-0 (09)	Finite Element Methods for Civil Engineering Applications	Sudib Kumar Mishra	M15:35 – 16:50; T14:00 – 15:15 [PG-14 / DE-5]
10.	CE666A	3-0-0-0 (09)	Air Pollution and its Control	Sachchida Nand Tripathi	M15:35 – 16:50; T14:00 – 15:15 [PG-14 / DE-5 / OE-5]
11.	CE616A	3-0-0-0 (09)	Sediment Transportation	Rajesh Srivastava Shivam Tripathi	TTh15:35-16:50 [PG-15 / DE-6]
12.	CE678A	3-0-0-0 (09)	Introduction to Geodesy	B Nagarajan	TTh15:35-16:50 [PG-15 / DE-6 / OE-6]
13.	CE686A	3-0-0-0 (09)	Transportation Economics	Vinod Vasudevan	MTh14:00 – 15:15 [PG-13 / DE-4]
14.	CE634A	3-0-0-0 (09)	Ground Improvement Techniques	Nihar Ranjan Patra	TTh15:35-16:50 [PG-15 / DE-6]
Extra Credits					
1.	CE493A	0-0-0-9 (09)	B. Tech Project III	DPGC Convener	--

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UG Open Electives (OE)					
[List All Courses (Including D, DE and PG Courses) Declared as Open Elective]					
S. No.	Course No.	L-T-P-A (Units)	Course Title	Instructor	Slot
1.	CE213A	3-0-0-0 (09)	Introduction to Environmental Science	Anubha Goel	MWF17:10-18:00 [OE-1]
2.	CE666A	3-0-0-0 (09)	Air Pollution and its Control	Sachchida Nand Tripathi	M15:35 – 16:50; T14:00 – 15:15 [PG-14 / DE-5 / OE-5]
3.	CE678A	3-0-0-0 (09)	Introduction to Geodesy	B Nagarajan	TTh15:35-16:50 [PG-15 / DE-6 / OE-6]
UG Minors [List All Courses (including D, DE, OE and PG courses) Declared as Minor]					
S. No.	Course No.	L-T-P-A (Units)	Course Title	Instructor	Slot
1.	CE241A	3-0-0-0 (09)	Sustainable Built Environment	Tarun Gupta	MWF17:10-18:00 [OE-1]
2.	CE640A	2-0-0-0 (06)	Infrastructure Asset Management	Sudhir Misra	TTh15:35-16:25 [PG-15 / OE-6]
3.	CE641a	3-0-0-0 (05)	Project Management	K V Harish	WF9:00-10:15 [PG-5 / OE-2]

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PG Courses [List all PG courses, including those declared DE, OE or part of minor]					
S. No.	Course No.	L-T-P-A (Units)	Course Title	Instructor	Slot
1.	CE620A	3-0-0-0 (09)	Structural Dynamics	Vinay K Gupta	TWTh8:00-8:50 [PG-10]
2.	CE621A	3-0-0-0 (09)	Engineering Mechanics	Durgesh C Rai	TTh15:35-16:50 [PG-15]
3.	CE723A	3-0-0-0 (09)	Finite Element Methods for Civil Engineering Applications	Sudib K Mishra	M15:35 – 16:50; T14:00 – 15:15 [PG-14 / DE-5]
4.	CE651A	3-0-0-0 (09)	Special Concretes	K V Harish	MTh14:00 – 15:15 [PG-13 / DE-4]
5.	CE631A	3-0-0-0 (09)	Advanced Geotechnical Engineering	Rajesh Sathiyamoorthy	M15:35 – 16:50; T14:00 – 15:15 [PG-14]
6.	CE638A	2-0-3-0 (09)	Geotechnical Measurements and Explorations	Arghya Das Nihar Ranjan Patra	TTh8:00-8:50 [PG-10]
7.	CE634A	3-0-0-0 (09)	Ground Improvement Techniques	Nihar Ranjan Patra	TTh15:35-16:50 [PG-15 / DE-6]
8.	CTE-4	3-0-0-0 (09)			MTh14:00 – 15:15 [PG-13 / DE-4]
9.	CE610A	3-0-0-0 (09)	Advanced Hydrology	Ashu Jain	T11:00-11:50 W16:00-16:50 Th17:10-18:00 [PG-12]
10.	CE611A	3-0-0-0 (09)	Advanced Hydraulics	Gourabananda Pahar	Lec. TWTh8:00 [PG-10]
11.	CE616A	3-0-0-0 (09)	Sediment Transportation	Rajesh Srivastava Shivam Tripathi	TTh15:35-16:50 [PG-15 / DE-6]
12.	HWRE-4	3-0-0-0 (09)			TTh15:35-16:50 [PG-15 / DE-6]
13.	CE664A	3-0-0-0 (09)	Physicochemical Principles and Processes	Abhas Singh	TTh15:35-16:50 [PG-15]
14.	CE665A	3-0-0-0 (09)	Ecological and Biological Principles	Vinod Tare	T11:00-11:50; W16:00-16:50; Th17:10-18:00 [PG-12]
15.	CE666A	3-0-0-0 (09)	Air Pollution and its Control	Sachchida Nand Tripathi	M15:35 – 16:50; T14:00 – 15:15 [PG-14 / DE-5 / OE-5]
16.	CE681A	3-0-0-0 (09)	Characterization of Pavement Materials	Syam Nair	M15:35 – 16:50; T14:00 – 15:15 [PG-14]
17.	CE683A	3-0-0-0 (09)	Traffic Engineering	Partha Chakroborty	T11:00-11:50; W16:00-16:50; Th17:10-18:00 [PG-12]
18.	CE682A	3-0-0-0 (09)	Analysis of Pavement Structures	Animesh Das	TTh15:35-16:50 [PG-15]
19.	CE686A	3-0-0-0 (09)	Transportation Economics	Vinod Vasudevan	MTh14:00 – 15:15 [PG-13 / DE-4]

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PG Courses [List all PG courses, including those declared DE, OE or part of minor]					
20.	CE671A	3-0-2-0 (11)	Introduction to Remote Sensing	Salil Goel	T11:00-11:50; W16:00-16:50; Th17:10-18:00 [PG-12]
21.	CE677A	3-0-0-0 (09)	Geospatial Data Processing	Onkar Dikshit	Lec. TWTh8:00 [PG-10]
22.	CE678A	3-0-0-0 (09)	Introduction to Geodesy	B Nagarajan	TTh15:35-16:50 [PG-15 / DE-6 / OE-6]
23.	CE640A	2-0-0-0 (06)	Infrastructure Asset Management	Sudhir Misra	TTh15:35-16:25 [PG-15 / OE-6]
24.	CE641a	3-0-0-0 (05)	Project Management	K V Harish	WF9:00-10:15 [PG-5 / OE-2]
25.	CE603A	1.5-0-0-0 (05)	Mathematics for Civil Engineers	Vinay K Gupta	M10:35-11:50 [PG-3]
26.	CE604A	1.5-0-0-0 (05)	Numerical Methods for Civil Engineers	Rajesh Srivastava	M9:00-10:15 [PG-2]
27.	CE605A	1.5-0-0-0 (05)	Probability and Statistics for Civil Engineers	Shivam Tripathi	W10:35-11:50 [PG-6 / DE]
28.	CE606a	3-0-0-0 (05)	Optimization Methods for Civil Engineers	Suparno Mukhopadhyay	MF8:00-8:50 T9:00 -9:50 [PG-1 / DE-7]
29.	CE697A	0-0-0-0 (00)	M.Tech Seminar I	DUGC Convener / DPGC Convener	MT-Dual T10:00-10:50; W15:00-15:50 M.Tech WF14:00-14:50 MTWF17:10-18:00
30.	CE699A	0-0-0-9 (09)	M. Tech Thesis	DUGC Convener / DPGC Convener	--
31.	CE791A	0-0-0-5 (05)	Literature Search and Review	DPGC Convener	--
32.	CE792A	0-0-0-5 (05)	Scientific Writing Skills	DPGC Convener	--
33.	CE793A	0-0-0-5 (05)	Scientific Presentation Skills	DPGC Convener	--
34.	CE794A	0-0-0-5 (05)	Scientific Data Analysis, Presentation and Interpretation	DPGC Convener	--
35.	CE797A	0-0-0-0 (00)	PhD Seminar I	DPGC Convener	T12:00-13:15; W12:00-13:15; F12:00-13:15
36.	CE798A	0-0-0-0 (00)	Ph.D Seminar II	DPGC Convener	T12:00-13:15; W12:00-13:15; F12:00-13:15
37.	CE799A	0-0-0-9 (09)	Ph.D Thesis	DPGC Convener	--

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38.	CE897A	0-0-0-0 (00)	MS (Research) Seminar I	DPGC Convener	WF14:00-14:50 MTWF17:10-18:00
39.	CE899A	0-0-0-9 (09)	MS (Research) Thesis	DPGC Convener	--

PG Laboratory					
S. No.	Course No.	L-T-P-A (Units)	Course Title	Instructor	Laboratory Schedule
1.	CE638A	2-0-3-0 (09)	Geotechnical Measurements and Explorations	Arghya Das Nihar Ranjan Patra	W14:00-17:00
2.	CE671A	3-0-2-0 (11)	Introduction to Remote Sensing	Salil Goel	F15:00-17:00