

Department of Civil Engineering: Even Semester: [2021-22] Slot Assignments

OE-1:	Lec. MWF9:00 – 10:15;
OE-2:	Lec. MW17:10 – 18:25;
OE-3:	Lec. TTh17:10 – 18:25;
OE-4:	Lec. MW8:00, Th14:00;
OE-5:	Lec. TF14:00 – 15:15;
OE-6:	Lec. TF15:35 – 16:50;
OE-7:	Lec. MW14:00 – 15:15;
OE-8:	Lec. MW15:35 – 16:50;
OE-9*:	Lec. MW10:00, F12:00
OE-10:	Lec. M11:00, ThF10:00
OE-11:	Lec. WThF11:00
OE (T):	Tut. MW10:00, (Th9:00, F12:00; F17:10) Any one of them
DE-1:	Lec. M12:00-13:15; T9:00-10:15;
DE-2:	Lec. T10:35-11:50, Th12:00-13:15 ;
DE-3:	Lec. T12:00-13:15, W12:00-13:15;
DE-4:	Lec. MW8:00, Th14:00;
DE-5:	Lec. TF14:00-15:15;
DE-6:	Lec. TF15:35-16:50;
DE-7:	Lec. MW14:00-15:15;
DE-8:	Lec. MW15:35-16:50;
DE-9*:	Lec. MW10:00, F12:00
DE-10:	Lec. M11:00, ThF10:00
DE-11:	Lec. WThF11:00
DE (T):	Tut. MW10:00, (Th9:00, F12:00; F17:10) Any one of them

*OE-9, DE-9 Clashes with HSS-II (1) and OE(T) and DE (T) Slots

PG-1*:	MW10:00, F12:00;
PG-2:	M11:00, ThF10:00;
PG-3:	WThF11:00;
PG-4* (4-hr Slot)	M12:00-13:15; T9:00-10:15; Th9:00;
PG-5:	T10:35-11:50, Th12:00-13:15;
PG-6:	T12:00-13:15, W12:00-13:15;
PG-7:	MWF9:00;
PG-8:	MW17:10-18:25;
PG-9* (4-hr. Slot)	TTh17:10-18:25; F17:10
PG-10 (4-hr Slot)	MW14:00-15:15; Th15:00
PG-11 (4-hr Slot)	MW15:35-16:50; Th16:00
PG-12:	TF14:00-15:15;
PG-13:	TF15:35-16:50;
PG-14:	TThF8:00;
PG-15:	MW8:00, Th14:00;
PG (T):	Tut. MW10:00, (Th9:00, F12:00; F17:10) Any one of them
PG LAB.:	MTWF14:00 – 17:50

*PG-1 Clashes with PG(T) Slots; 4th hour of PG-4 and PG-9 Clashes with PG (T) Slots

OE: Open Elective/Minor Course Slots;

OE (T): Open Elective Tutorial Slots;

DE: UG Departmental Elective Slots;

DE (T): Departmental Elective Tutorial Slots;

PG: PG Slots;

PG(T): PG Slots that can be used for PG tutorials

HSS-II: Humanities Courses;

PG LAB.: PG Laboratory Slots;

Department of Civil Engineering: Schedule of Even Semester Courses

2021-22, Even Semester (Dated 2 October 2021)

UG Core Courses(C)					
S. No	Course No.	L-T-P-A (Units)	Course Title	Instructor/Tutor	Schedule
1.	ESO202A(I)	3-1-0-0 [11]	Mechanics of Solids	Sudib Kumar Misra	Lec: MThF 08:00-08:50 Tut: W 08:00-08:50
2.	HSO201A(I)	3-1-0-0 [11]	Applied Probability and Statistics	Partha Chakroborty	Lec: MThF 08:00-08:50 Tut: W 08:00-08:50
2.	HSO201A(T)	3-1-0-0 [11]	Applied Probability and Statistics	Venkatesan Kanagaraj	Lec: MThF 08:00-08:50 Tut: W 08:00-08:50
3.	TA101 (T)	2-0-3-0 [09]	Engineering Graphics	KV Harish	T 15:00, TH 14:00 Lab M/T/W/Th 10:00-12:50
4.	ESC201A	3-1-0-0 [11]	Electronics	Provided by EE	Lec: MWTh 17:10-18:00 Tut: T 17:10-18:00
5.	TA201A	1-0-3-0 [6]	Manufacturing Lab	Provided by MSE	Lec: T9:00-10:00 MTWThF 14:00-17:00
6	TA201P	0-0-3-0 [3]	Manufacturing Lab	Provided by MSE	MTWThF 14:00-17:00

Department of Civil Engineering: Schedule of Even Semester Courses

UG Compulsory Courses (D)								
S. No.	Course No.	L-T-P-A (Units)	Course Title	Instructor	Slot	Schedule		
						Lecture	Tutorial	Laboratory
1.	CE242A	3-0-2-0 (11)	Civil Engineering Materials	Sudhir Mishra/Syam Nair/Gaurav Tiwari	4-1	MWF10:00	--	M/T/W14:00
2	CE262A	2-0-2-0 (08)	Engineering Hydraulics	CK Sahu/Gourabananda Pahar	4-3	WF11:00	--	M/T/Th14:00
3.	CE272A	3-0-0-0 (09)	Structural Analysis	Durgesh C Rai	4-2	M11:00 TF12:00	--	--
4.	CE332A	0-0-0-4 [4]	Survey Camp	Bharat Lohani	[winter]			
5.	CE352A	2-0-1-0 (07)	Foundation Design	Bipin Kumar Gupta	SLOT-6	TTh15:00	--	M/W/F14:00
6.	CE372A	2-0-0-0 (06)	Reinforced Cement Concrete Design	Suparno Mukhopadhyay	SLOT-4	TTh14:00	--	--

7.	CE382A	3-0-0-0 (09)	Transportation Engineering	Pranamesh Chakraborty/Aditya Medury/Animesh Das	SLOT-1	TThF 18:30	--	--
8.	CE262P	0-0-2-0 (02)	Engineering Hydraulics	CK Sahu/Gourabananda Pahar	-	-	--	M/W 18:30
9.	CE352P	0-0-3-0 (03)	Foundation Design Lab	Bipin Kumar Gupta				M/W/F14:00

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
1	CE412A	3-0-2-0 [11]	Water Supply and Wastewater Disposal Systems	Vinod Tare/ Purnendu Bose	DE-7+Lab: T16:00-18:00
2	CE432A	3-0-2-0 [11]	Geographical Information system	B. Nagarajan/Salil Goel	DE-1+ Lab T 16:00-18:00
3	CE462A (DE-A)	3-1-0-0 [11]	Hydraulic and Hydrologic Design	Saumyen Guha / Shivam Tripathi/ Richa Ojha	DE3
4	CE613A (DE-B)	2-0-3-0 [9]	Computational Methods in Hydraulics and Hydrology	Saumyen Guha / Shivam Tripathi/ Richa Ojha	DE9+Lab M14:00-17:50
5	CE622A (DE-B)	3-0-0-0 [9]	Stability of Structures	Amar Nath Ray Chowdhury	DE6
6.	CE637A (DE-B)	3-0-0-0 [9]	Constitutive Modeling of Frictional Materials	J P Sahoo/Arghya Das	DE7
7	CE663A (DE-B+ OE)	3-0-0-0 [9]	Humans, Environment and Sustainable Development	Abhishek Chaudhary	OE6
8	CE674A (DE-B)/ OE)	3-0-2-0 [6]	Global Navigation Satellite System	B. Nagarajan	OE-11+ Lab M14:00-17:00 [before mid-sem]
9.	CE731A (DE-B)	3-0-0-0 [9]	Risk & Reliability in Geotechnical Engineering	Prishati Ray Chowdhury and Gaurav Tiwari	DE1
10	CE775A (DE-B)	3-0-0-1 [5]	Introduction to Road Safety Modeling	Aditya Medury	DE10 [before mid-sem]
11.	CE781A (DE-B)	3-0-2-0 [6]	Traffic Simulation	Venkatesan Kanagaraj	DE7+Lab Th14:00-17:50 [before mid-sem]
12.	CE784A (DE-B)	3-0-0-2 [11]	Machine Learning and Data Analytics for CE Applications	Pranamesh Chakraborty	DE8
13.	CExxx	xxxx	Transportation Network Analysis	Hemant Gehlot	DE2

Department of Civil Engineering: Schedule of Even Semester Courses

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	CE663A (DE-B+OE)	3-0-0-0 [9]	Humans, Environment and Sustainable Development	Abhishek Chaudhary	OE6
2	CE674A (DE-B+OE)	3-0-2-0 [6]	Global Navigation Satellite System	B. Nagarajan	OE11+Lab M14:00-17:00 [before mid-sem]

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	CE663A (DE-B+OE)	3-0-0-0 [9]	Humans, Environment and Sustainable Development	Abhishek Chaudhary	OE6

Department of Civil Engineering: Schedule of Even Semester Courses

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	CE612A	2-0-3-0[9]	Fluid Mechanics Laboratory	CK Sahu/Tushar Apurv	PG14+Lab F 14:00-17:50
2	CE613A (DE-B)	2-0-3-0 [9]	Computational Methods in Hydraulics and Hydrology	Saumyen Guha / Shivam Tripathi/ Richa Ojha	DE9+Lab M 14:00-17:50
3	CE614A	3-0-0-0 [9]	Stochastic Hydrology	Tushar Apurv	PG5
4	CE622A (DE-B)	3-0-0-0 [9]	Stability of Structures	Amar Nath Ray Chowdhury	DE6
5	CE623A	2-0-3-0 [9]	Experimental Methods in Structural Engineering	Samit Raychaudhuri	TW12:00-12:50 + Lab Th 14:00-17:00
6	CE629A	3-0-0-0 [9]	Earthquake Analysis and Design of Structures	Chinmoy Kolay	PG3
7	CE632A	3-0-0-0 [9]	Foundation Analysis and Design	N R Patra	PG3
8	CE635A	3-0-0-0 [9]	Foundation Dynamics	Priyanka Ghosh	PG8
9	CE637A (DE-B)	3-0-0-0 [9]	Constitutive Modeling of Frictional Materials	J P Sahoo/Arghya Das	DE7
10	CE642A	1-0-6-0 [9]	Laboratory Course in Infrastructure Engineering and Management	Salil Goel/Syam Nair/KV Harish	PG15+Lab MW 14:00-17:00
11	CE645A	1.5-0-0-0 [5]	Basic Quality and Safety Management in Construction	Sudhir Mishra	PG5
12	CE663A (DE-B+OE)	3-0-0-0 [9]	Humans, Environment and Sustainable Development	Abhishek Chaudhary	OE6
13	CE668A	2-0-4-0 [10]	Environmental Quality and Pollution Monitoring Techniques	Vinod Tare	PG3+ Lab:Th 14:00-18:00

14	CE669A	3-0-0-0 [9]	Atmospheric Physics and Chemistry	S N Tripathi and Tarun Gupta	DE5
15	CE670A	3-0-2-0 [11]	Environmental Geodesy	Balaji Devaraju	PG6+ Lab M11:00-13:00
16	CE672A	3-0-0-0 [9]	Machine Processing of Remotely Sensed Data	Onkar Dikshit	PG2
17	CE673A	0-0-0-9 [9]	Instrumentation, Laboratory and Field Practices in Geoinformatics	Bharat Lohani	[Winter]
18	CE674A (DE-B)/OE)	3-0-2-0 [6]	Global Navigation Satellite System	B. Nagarajan	OE11+Lab M14:00-17:00 [before mid-sem]
19	CE675B	3-0-0-0 [4]	Global Navigation Satellite Systems (GNSS) for Surveying and Mapping	B. Nagarajan	PG3 [after mid-sem]
20	CE676A	2-0-3-0 [9]	Laser Scanning and Photogrammetry	Bharat Lohani	PG7+ Lab W14:30-17:00
21	CE677B	3-0-2-0 [6]	Introduction to Inertial and Multi-Sensor Navigation	Salil Goel	PG15 + Lab M14:00 - 17:00 [after mid-sem]
22	CE679A	3-0-2-0 [11]	Signal Processing on Sphere	Balaji Devaraju	PG8+Lab F14:00-17:00
23	CE721A	3-0-0-0 [9]	Random Vibrations	Vinay Kumar Gupta	PG8
24	CE731A (DE-B)	3-0-0-0 [9]	Risk & Reliability in Geotechnical Engineering	Prishati Ray Chowdhury and Gaurav Tiwari	DE1
25	CE732A	3-0-0-0 [9]	Unsaturated Soil Mechanics	Rajesh Sathiyamoorthy	PG13
26	CE760A	3-0-0-0 [5]	Surface Water Quality Modeling	Abhas Singh	PG4 [before mid-sem]
27	CE762B	3-0-0-0 [5]	Atmospheric Modeling	S N Tripathi	PG2 [after mid-sem]
28	CE763A	3-0-0-0 [5]	Solid and Hazardous Waste Management	Purnendu Bose	PG2 [before mid-sem]
29	CE764A	3-0-0-0 [5]	Environmental Toxicology and Risk Assessment	Mukesh Sharma	PG14 [before mid-sem]
30	CE765B	3-0-0-0 [5]	Industrial Waste Management	Mukesh Sharma	PG12 [after mid-sem]
31	CE767B	3-0-0-0 [5]	Solid-Water Interfacial Processes	Abhas Singh	PG4 [after mid-sem]
32	CE771A	1.5-0-1-0 [6]	Adjustment Computation for Geomatics-II	Onkar Dikshit	PG13+Lab Th17:10-18:25
33	CE775A (DE-B)	3-0-0-1 [5]	Introduction to Road Safety Modeling	Aditya Medury	DE10 [before mid-sem]
34	CE780A	0-0-6-3 [9]	Laboratory course in transportation engineering	Venkatesan Kanagaraj/Hemant Gehlot	PG14+ TF14:00-17:50
35	CE781A (DE-B)	3-0-2-0 [6]	Traffic Simulation	Venkatesan Kanagaraj	DE7+Lab Th14:00-17:50 [before mid-sem]
36	CE784A (DE-B)	3-0-0-2 [11]	Machine Learning and Data Analytics for CE Applications	Pranamesh Chakaraborty	DE8
37	CE788A	3-0-1-0 [5]	Transportation Infrastructure Management	Aditya Medury	PG7+ M14:00-17:50 [after mid-sem]
38	*CExxx	xxxx	Transportation Network Analysis	Hemant Gehlot	DE2
39	*CExxx	xxxx	Risk Management	Amarjit Singh	PG14
40	CE698A	0-0-0-0 [0]	M.Tech. Seminar II	DUGC/DPGC Convener	Dual Degree Th 15:00-16:50
41	CE699A	0-0-0-9 [9]	M.Tech Thesis	DUGC/DPGC Convener	
42	CE791A	0-0-0-5 [5]	Literature Search and Review	DPGC Convener	

43	CE792A	0-0-0-5 [5]	Scientific Writing Skills	DPGC Convener	
44	CE793A	0-0-0-5 [5]	Scientific Presentation Skills	DPGC Convener	
45	CE794A	0-0-0-5 [5]	Scientific Data Analysis, Presentation and Interpretation	DPGC Convener	
46	CE797A	0-0-0-0 [0]		Ph.D Seminar I	DPGC Convener
47	CE798A	0-0-0-0 [0]	Ph.D SeminarII	DPGC Convener	MW 10:00-10:50
48	CE799A	0-0-0-9 [9]	Ph.D Thesis	DPGC Convener	
49	CE898A	0-0-0-0 [0]	MS(Research) SeminarII	DPGC Convener	MWF17:10-18:25 F12:00-12:50
50	CE899A	0-0-0-9 [9]	MS(Research) Thesis	DPGC Convener	

* The stated course is yet to be approved by SPGC. This is expected before pre-registration

Department of Civil Engineering: Schedule of Even Semester Courses

PG Laboratory for Second Semester

S. No.	Course No.	L-T-P-A (Units)	Course Title	Instructor	Laboratory Schedule
1.	CE613A (DE-B)	2-0-3-0 [9]	Computational Methods in Hydraulics and Hydrology	Saumyen Guha / Shivam Tripathi/ Richa Ojha	M14:00-17:50
2	CE612A	2-0-3-0[9]	Fluid Mechanics Laboratory	CK Sahu/Tushar Apurv	F14:00-17:50
3.	CE623A	2-0-3-0 [9]	Experimental Methods in Structural Engineering	Samit Raychaudhuri	Th14:00-17:50
4.	CE642A	1-0-6-0 [9]	Laboratory Course in Infrastructure Engineering and Management	Salil Goel/Syam Nair/KV Harish	MW 14:00-17:00
5.	CE668A	2-0-4-0 [10]	Environmental Quality and Pollution Monitoring Techniques	Vinod Tare	Lab:Th 14:00-18:00
6.	CE780A	0-0-6-3 [9]	Laboratory course in Transportation Engineering	Venkatesan Kanagaraj/Hemant Gehlot	TF14:00-17:50
7.	CE781A (DE-B) (M)	3-0-2-0 [6]	Traffic Simulation	Venkatesan Kanagaraj	Th14:00-17:50 0 [before mid-sem]
8.	CE788A	3-0-1-0 [5]	Transportation Infrastructure Management	Aditya Medury	M14:00-17:50 [after mid-sem]
15	CE670A	3-0-2-0 [11]	Environmental Geodesy	Balaji Devaraju	M11:00-13:00
18	CE674A (DE-B)/OE)	3-0-2-0 [6]	Global Navigation Satellite System	B. Nagarajan	M14:00-17:00 [before mid-sem]
20	CE676A	2-0-3-0 [9]	Laser Scanning and Photogrammetry	Bharat Lohani	W14:30-17:00
22	CE679A	3-0-2-0 [11]	Signal Processing on Sphere	Balaji Devaraju	F14:00-17:00
32	CE771A	1.5-0-1-0 [6]	Adjustment Computation for Geomatics-II	Onkar Dikshit	Th17:10-18:25
33	CE677B	3-0-2-0 [6]	Introduction to Inertial and Multi-Sensor Navigation	Salil Goel	Th11:00 - 13:00 [after mid-sem]