

ENVIRONMENTAL SCIENCE AND ENGINEERING DEPARTMENT
SECOND SEMESTER TIME TABLE : 2020-21 (Spring)
(Following Institute Time Table)

22-12-2020 (last updated on 06-01-2021)

Day	8:30-9:25 AM	9:30-10:25 AM	10:35-11:30 AM	11:35 AM-12:30 PM	2:00-3:25 PM	3:30-4:55 PM	5:30-6:55 PM	7:00-8:25 PM
Monday	ES 210 (VB) ES 672 (AC, TN) ES 656 (AKD)	ES 200 (Div I) (VS, SPS, MKC) ES 664 (AKD)	ES 200 (Div II) (AS, MS, VB) ES 674 (VS)	ES 212 (AC) ES 102 (SKC) HS 791 (Slot 4A)	ES 616 (MKC) ES 680 (AKD) Prac 3:30-5:30 ES 206 (SK, AG)		ES 668 (AS, TN) ES 253 (SPS) (3hrs slot) ES 308 (MKC,AG) (3hrs slot)	
Tuesday	ES 212 (AC) ES 102 (SKC)	ES 210 (VB) ES 672 (AC, TN) ES 656 (SM)	ES 664 (AKD) ES 200 (Div I) (VS, SPS, MKC)	ES 200 (Div II) (AS, MS, VB) ES 674 (VS)	ES 682 (AS, TN)	ES 666 (SM, AG)	ES 351 (MS) (3hrs slot) ES 651 (SKC, SM, VS) (3hrs slot)	
Wednesday	ES 644 (SRA) [8-9:30 AM]	306 (AS, VB) ES 204 (TN) ES 644 Minor (SRA)	ES 600 (AC, SPS) ES 624 (MKC, AG) ES 216 (SK, SD*) Lecture	ES 600 (AC, SPS) ES 624 (MKC, AG) ES 216 (SK, SD*) Lecture	Institute / ESED Seminars and Meetings			
Thursday	ES 200 (Div II) (AS, MS, VB) ES 674 (VS)	ES 212 (AC) ES 102 (SKC) ES 680 (AKD) Lecture	ES 210 (VB) ES 672 (AC, TN) ES 656 (SM)	ES 664 (AKD) ES 200 (Div I) (VS, SPS, MKC)	ES 616 (MKC) ES 680 (AKD) Prac 3:30-5:30 ES 206 (SK, AG)		ES 668 (AS, TN)	
Friday	ES 644 (SRA) [8-9:30 AM]	306 (AS, VB) ES 204 (TN) ES 644 Minor (SRA)	ES 600 (AC, SPS) ES 624 (MKC, AG) ES 216 (SK, SD*) Lecture	ES 600 (AC, SPS) ES 624 (MKC, AG) ES 216 (SK, SD*) Lecture	ES 682 (AS, TN)	ES 666 (SM, AG)	ES 216 (SK, SD*) (Prac 2hrs slot) ES 651 (SKC, SM, VS) (3hrs slot)	

Course No.	Slot No.	Credit	Max. Strength (as per ESED Bulletin)	Course Title	Class Room	Programme	Pre Requisite
ES 102	4	6	30	Water Quality Management (SKC)	Online	9a	No Prerequisite
ES 200 (pre-mid sem)	2	3	350	Environmental Studies: Sci & Engg (Div 1: VS, SPS, MKC)	Online	5, 9b	No Prerequisite
ES 200 (post-mid sem)	3	3	350	Environmental Studies: Sci & Engg (Div 2: AS, MS, VB)	Online	5, 9b	No Prerequisite
ES 204 (Minor)	5	6	20	Environmental Chemistry (TN)	Online	4	No Prerequisite
ES 206	9	6	30+15	Water Resources and Open Channel Flow (AG, SK)	Online	9b	No Prerequisite (Only for the DD students of ESED)
ES 252	L2	3	30+10	Environmental Chemistry Lab (HCP) (0 0 3 3)	Online	9b	No Prerequisite
ES 668	12	2	10+27	Environmental Computational Laboratory (AS, TN) (0 0 2 2)	Online	2, 3, 7	No Prerequisite, Only for ESED M.Tech./M.Sc.-Ph.D. students
ES 306 (Minor)	5	6	5	Environmental Systems Modelling (AS, VB)	Online	4	No Prerequisite
ES 664	2	6	10+30	Environmental Systems Modelling (AKD)	Online	1a, 2, 3	Strong background in mathematics is essential and programming is desirable. (With permission of the instructor)
ES 600	6	6	60	Environmental Science & Engineering (AC, SPS)	Online	3, 6	No Prerequisite, only for PG students, students who have taken ES 200 the course is not useful
ES 616	8	6	40	Energy Conversion and Environment (MKC)	Online	7, 8, 3	No Prerequisite
ES 624	6	6	30	Hazardous Waste Mangement (MKC, AG)	Online	7, 8	Prerequisite for interested undergraduate and dual degree students is ES 200. This course is only for students from ESED, Civil, Chemical, Metallurgy and Energy Department.
ES 666	11	6	10+25+5+30	Biological Treatment Technologies (SM, AG)	Online	1b, 2, 3, 9c	ES 201 or ES 633 or equivalent; This course is only for students in ESED
ES 672	1	6	40	Air Pollution Control Technologies (AC, TN)	Online	1b, 8, 3	ES 635, ES 317 or equivalent
ES 674	3	6	40	Aerosol Science and Engineering (VS)	Online	7, 8, 3, 9c	ES 635, ES 317 or equivalent
ES 644 - ESED elective	7 (and a tutorial on Saturday)	6	40	Industrial Pollution Prevention and Clean Technologies (SRA)	Online	7, 8, 11	Prerequisite for interested undergraduate and dual degree students is ES 200. This course is only for students from ESED, Civil, Chemical, Metallurgy and Energy Department.
ES 644 (Minor)	5	6	10	Industrial Pollution Prevention and Clean Technologies (SRA)	Online	4	No Prerequisite
ES 656	1	6	30	Bioremediation - Principles and Applications (SM)	Online	11	ES 201/ ES 633 Environmental Microbiology and Ecology
ES 682	10	6	30	Numerical Methods for Environmental Systems (TN, AS) [2 0 2 6]	Online	9c, 7	Strong background in mathematics is essential and programming is desirable (with permission of the instructor).
ES 651	14, 15	6	10+25	Environmental Monitoring Laboratory (SKC, SM, VS) (0 0 6 6)	Online	1a, 2	Only for the M. Tech students of ESED. Not permitted for students outside ESED because this is a lab course and we cannot handle more number of students.
ES 216	14B-15B, 6	6	30	GIS Aided Environmental Planning and Management (SK, SD*) [1 1 2 6]	Online	9b	No Prerequisite (only for DD students of ESED)
ES 253	12A, 13A	4	30	Environmental Microbiology Lab (SPS) (0 0 5 3 4)	Online	9b	No Prerequisite (only for DD students of ESED)
ES 308	12A, 13A	3	30	Solid and Hazardous Waste Laboratory (MKC, AG) (0 0 3 3)	Online	9c	No Prerequisite (only for DD students of ESED)
ES 351	14A, 15A	3	10+30	Air Pollution Monitoring Lab (MS) (0 0 3 3)	Online	1b, 9c	No Prerequisite (Only for the M.Sc. - Ph.D. students of ESED)
HS 791	4A	PP/NP	Not yet finalized	Communication skills (Institute PG compulsory)	Convo Hall	Inst. PG	No Prerequisite
ES 792	Wednesday, 5:30-6:55PM (Internally adjusted)	PP/NP	50	Communication skills (VS, HCP)	Online	1b, 2, 3	No Prerequisite
ES 210	1	6	30	Introduction to Solid Mechanics (VB)	Online	9b	No Prerequisite
ES 212	4	6	30	Environmental Geodesy (AC)	Online	9b	No Prerequisite
ES 680	9, 4C	6	30	GIS for Environmental Planning and Management (AKD) [1 0 4 6]	Online	7, 8, 3	No Prerequisite
Inst. List	6	6		M.Tech Institute Elective	Online		

Note: Decided by the Institute TTC SD* : Prof. Surya Durbha (CSRE)
 Div I (pre-midsem) of ES 200: 2nd yr CH, CE, MA ; 3rd yr ME
 Div II (pre-midsem) of ES 200: MSc-PhD (EN, IEOR); 4th Yr CL; MM, EP, 2nd Yr DD ESED
 1a - M.Sc. Ph.D. (Core Iyr); 1b - M.Sc. Ph.D. (Core Ilyr); 1c - M.Sc. Ph.D. (Core Ilyr); 2 - M.Tech. (Core); 3 - Ph.D.; 4 - Minor;
 5 - Institute UG; 6 - Institute Elective PG; 7 - M.Sc. Ph.D. (ESED Elective); 8 - M.Tech. (ESED Elective); 9a-DD (B.Tech.-M.Tech.) Iyr; 9b-DD (B.Tech.-M.Tech.) Ilyr;
 9c-DD (B.Tech.-M.Tech.) Ilyr; 10 - Inst Elective UG; 11 - ESED Elective UG.

A Chakraborty (Time Table Coordinators) S Karmakar