

**ENVIRONMENTAL SCIENCE AND ENGINEERING DEPARTMENT**

**FIRST SEMESTER TIME TABLE : 2022-23 (Autumn)**

(Following Institute Time Table)

**23/7/2022**

Day	8:30-9:25	9:30-10:25	10:35-11:30	11:35-12:30	2:00-3:25	3:30-4:55	5:30-6:55	7:00-8:25
<b>Monday</b>	ES 209 (MS) ES 200 S1 (VS, SB, SPS) ES 647 (AKD, MKC)	ES 317 (SB) ES 649 (AC) ES 657 (VB)	ES 202 (TN, HCP) ES 631 (HCP, TN) ES 653 (AKD) ES 404 (SKC)	ES 307 (AC, VB) ES 200 S2 (TN, MS, AG) ES 655 (AS, SB)	ES 301 (SK, VS) ES 645 (SRA)	ES 321 (MKC) ES 633 (SPS)	ES 635 (MS, AC) ES 407 (SK, TN)	
<b>Tuesday</b>	ES 307 (AC, VB) ES 200 S2 (TN, MS, AG) ES 655 (AS, SB)	ES 209 (MS) ES 200 S1 (VS, SB, SPS) ES 647 (AKD, MKC)	ES 317 (SB) ES 649 (AC) ES 657 (VB)	ES 202 (TN, HCP) ES 631 (HCP, TN) ES 653 (AKD)	ES 253 (SM) ES 351 (VS, HCP) ES 404 (SKC) ES 633 (SPS)		ES 315 (AG) ES 601 (HCP)	
<b>Wednesday</b>	ES 639 (SRA) *8 AM start	ES 203 (VB) ES 303 (MKC) ES 401 (AS, SB)		ES 659 (SK, AS) ES 637 (SKC) ES 319 (TN); ES 201 (SM)	Institute / ESED Seminars and Meetings ES 899 (VS, HCP) 6 to 8 PM			
<b>Thursday</b>	ES 202 (TN, HCP) ES 631 (HCP, TN) ES 653 (AKD)	ES 307 (AC, VB) ES 200 S2 (TN, MS, AG) ES 655 (AS, SB)	ES 209 (MS) ES 200 S1 (VS, SB, SPS) ES 647 (AKD, MKC)	ES 317 (SB) ES 649 (AC) ES 657 (VB)	ES 645 (SRA) ES 301 (SK, VS)	ES 321 (MKC) -	ES 635 (MS, AC) ES 407 (SK, TN)	
<b>Friday</b>	ES 639 (SRA) *8 AM start	ES 203 (VB) ES 303 (MKC) ES 401 (AS, SB)		ES 659 (SK, AS) ES 637 (SKC) ES 319 (TN); ES 201 (SM)	ES 651 (SKC, SPS, MS) ES 451 (AS, SPS) ES 351 (VS, HCP)		ES 315 (AG) ES 601 (HCP)	

Course No.	Slot No.	Credits	Credit	Registrati on Limit	Course Title	Instructors	Class Room (Tentative)	Programme
ES 200 (S1)	1	3 0 0 3	3		Environmental Studies	S1: VS, SB, SPS	LH 102	5
ES 200 (S2)	4	3 0 0 3	3		Environmental Studies	S2: TN, MS, AG	LA 001	5
ES 201	4	3 0 0 6	6	50	Applied Environmental Microbiology and Ecology	SM	?	9b
ES 202	3	3 0 0 6	6	40	Fundamentals of Environmental Chemistry	TN, HCP	LT 004	9b
ES 203	5	3 0 0 6	6	40	Water and Wastewater Engineering	VB	LT 303	4 (Minor)
ES 209	1	2 1 0 6	6	30	Data Analysis and Interpretation	MS	?	9b
ES 253	L1, L2	0 0 5 3 4	4	40	Environmental Microbiology Lab	SM	ES 307/301	9b
ES 301	8	3 0 0 6	6	30	Introduction to Fluid Mechanics	SK, VS	LT 202	9c
ES 303	5	3 0 0 6	6	20	Municipal Solid and Biomedical Waste Management	MKC	LT 304	4 (Minor)
ES 307	4	3 0 0 6	6	30	Wastewater Engineering	VB, AC	?	9c
ES 315	14	3 0 0 6	6	30	Solid Waste Management – Basic Principles and Technical Aspects	AG	LT 002	9c
ES 317	2	3 0 0 6	6	35	Fundamentals of Air Pollution Science and Engineering	SB	LT 303	9c
ES 319	6	0 0 3 3	3	30	Computational Laboratory for Environmental Engineers	TN	ES 303	9c
ES 321	9	3 0 0 6	6	30	Energy and Environmental Sustainability	MKC	?	9c
ES 351	L2, L4	0 0 3 3	3	30	Air Pollution Monitoring Lab	VS, HCP	ES 401	9c
ES 401	5	3 0 0 6	6	10	Environmental Management	AS, SB	ESE 112	4 (Minor)
ES 404	3A, L2	1 0 3 5	5	30	Planning and Design of Environmental Engineering Facilities	SKC	LT 303	9e
ES 407	12	3 0 0 6	6	30	Simulation & Optimization Techniques in Environmental Systems	SK, TN	LT 103	9d
ES 451	L4	0 0 3 3	3	35	Environmental Field Studies	AS, SPS	LT 003	1b, 9d
ES 601	14	3 0 0 6	6	30	Environmental Health and Safety	HCP	LT 103	3, 7, 11
ES 631	3	3 0 0 6	6	45	Environmental Chemistry	HCP, TN	LT 304	1a, 2, 3
ES 633	9A, 11A	3 0 0 6	6	40	Environmental Microbiology and Ecology	SPS	?	1a, 2, 3
ES 635	12	3 0 0 6	6	45	Air Pollution Science and Engineering	MS, AC	LT 204	1a, 2, 3
ES 637	6	3 0 0 6	6	45	Municipal Water and Wastewater Systems	SKC	?	1b, 2, 3
ES 639	7A, 7B	3 0 0 6	6	50	Physico-Chemical Treatment Technologies	SRA	LC 201	1b, 2, 3, 9d
ES 645	8	3 0 0 6	6	40	Environmental Law and Policy	SRA	IC 2	1b, 3, 8, 9e
ES 647	1	3 0 0 6	6	45	Municipal Solid and Biomedical Waste Management	AKD, MKC	LT 303	1b, 2, 3
ES 649	2	3 0 0 6	6	30	Atmospheric Processes and Climate Change	AC	?	3, 7, 11
ES 651	L3, L4	0 0 6 6	6	40	Environmental Monitoring Laboratory	SKC, SPS, MS	ES 301/307/401	1a, 2
ES 653	3	3 0 0 6	6	45	Environmental Impact Assessment	AKD	LT 005	3, 7, 8, 9d
ES 655	4	3 0 0 6	6	45	Environmental Management	AS, SB	LT 306	3, 7, 8, 9d
ES 657	2	3 0 0 6	6	15	Water Resources and Environmental Hydraulics	VB	LT 305	1a
ES 659	6	3 0 0 6	6	15	Mathematics and Statistics for Environmental Engineering	SK, AS	?	1a
ES 899 (792)	XC	P/NP		45	Communication Skills – I	VS, HCP	LT 103	1b, 2, 3

**Note:**

S1 of ES 200: 2<sup>nd</sup> yr EE (DD-CSP), 2<sup>nd</sup> yr EN, 2<sup>nd</sup> Yr. B.Des, 2<sup>nd</sup> yr. B.S. (Eco), 5<sup>th</sup> yr EE [DD(Micro)], 1<sup>st</sup> yr MscPhd CESE, 2nd Yr M.Sc ASI, CH  
S2 of ES 200: 4th yr AE, CS, EE(BT)

1a - M.Sc. Ph.D. (Core Iyr); 1b - M.Sc. Ph.D. (Core IIyr); 1c - M.Sc. Ph.D. (Core IIIyr); 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.) IIyr; 9c-DD (B.Tech.-M.Tech.) IIIyr; 9d-DD (B.Tech.-M.Tech.) IVyr; 9e (B.Tech.-M.Tech.) Vyr 10 - Inst Elective UG; 11 - ESED Elective UG

A. Chakraborty

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(Time Table Coordinators)