

ENVIRONMENTAL SCIENCE AND ENGINEERING DEPARTMENT
FIRST SEMESTER TIME TABLE : 2022-23 (Autumn)
 (Following Institute Time Table)

26/7/2022

| 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 | |
|------------------|---|---|---|---|--|--|------------------------------------|-----------------------------------|--|
| Monday | 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) | | |
| Tuesday | 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 253 (SM) ES 351 (VS, HCP) ES 404 (SKC) | ES 633 (SPS) | ES 315 (AG) ES 601 (HCP) | | |
| Wednesday | 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 | |
| Thursday | 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) | | |
| Friday | 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) | | | | | |

| Course No. | Slot No. | Credits | Credit | Registration 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 | - | 5 |
| ES 201 | 6 | 3 0 0 6 | 6 | 50 | Applied Environmental Microbiology and Ecology | SM | ESED Comp CR | 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 | CL 103 (ESED Bldg) | 4 (Minor) |
| ES 209 | 1 | 2 1 0 6 | 6 | 30 | Data Analysis and Interpretation | MS | LT 106 | 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 | ESED Comp CR | 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 (Comp Lab) | 9c |
| ES 321 | 9 | 3 0 0 6 | 6 | 30 | Energy and Environmental Sustainability | MKC | ESED Seminar Hall | 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 | CL 112 (ESED Bldg) | 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 | ESED Comp CR | 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 | ESED Seminar Hall | 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 | ESED Comp CR | 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 | ESED 314 | 1a |
| ES 899 (792) | XC | P/NP | 45 | 45 | Communication Skills – I | VS, HCP | ESED Comp CR | 1b, 2, 3 |

Note:

S1 of ES 200: 2nd yr EE (DD-CSP), 2nd yr EN, 2nd yr. B.Des, 2nd yr. B.S. (Eco), 5th yr EE [DD(Micro)], 1st 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

V.S.V. Botlaguduru

(Time Table Coordinators)