<table>
<tr><th colspan="5">NATIONALLY HARMONISED B.Sc. CHEMICAL ENGINEERING PROGRAM</th></tr>
<tr><td>Course Code</td><td colspan="4">ChEg 5233</td></tr>
<tr><td>Course Name</td><td colspan="4">Environmental Engineering Laboratory</td></tr>
<tr><td>Degree Program</td><td colspan="4">B.Sc. in Chemical Engineering</td></tr>
<tr><td>Module Name</td><td colspan="4">Environmental Engineering</td></tr>
<tr><td>Module Coordinator</td><td colspan="4">N.N.</td></tr>
<tr><td>Lecturer</td><td colspan="4">TBA</td></tr>
<tr><td>ECTS Credits</td><td colspan="4">3CP</td></tr>
<tr><td rowspan="2">Contact Hours (per week)</td><td>Lecture</td><td>Tutorial</td><td>Laboratory or Practice</td><td>Home study</td></tr>
<tr><td>0</td><td>0</td><td>3</td><td>3</td></tr>
<tr><td>Student load per semester</td><td>0</td><td>0</td><td>48</td><td>48</td></tr>
<tr><td>Mode of delivery</td><td colspan="4">Semester wise</td></tr>
<tr><td>Course Objectives & Competences to be Acquired</td><td colspan="4">After completion this laboratory practice the student will be able to:
• Attain experiences in using common measuring and analyzing devices used in environmental problem examination
• Reading and interpreting data in water quality, waste water characterization and solid waste characterization, and air pollution control parameters.</td></tr>
<tr><td>Course Description/Course Contents</td><td colspan="4">• Environmental micro-biological examinations
• Measurements of water quality parameters
• Wastewater characterization parameters examination
• Solid waste characterization parameters examination
• Air pollution investigation tests</td></tr>
<tr><td>Pre-requisites</td><td colspan="4">ChEg5231, waste water treatment</td></tr>
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Semester	Year V, Semester II
Status of Course	Elective
Teaching & Learning Methods	Laboratory practice
Assessment/Evaluation	Continuous Assessment.....50% • Lab report.....50% Final exam.....50%
Attendance Requirements	Based on the Nationally harmonized Legislation
Course Policy	**Attendance:** As per nationally harmonized academic policy **Assessments:** students are supposed to handle all assessments on time. **Cheating/plagiarism:** it is strictly forbidden and any misconduct is accountable per the students' code of conduct.
Literature	**Text Book/** 1.William C. Jr. Blackman, Basic Hazardous Waste Management, 3rd ed. CRC Press • **Reference Books**
Approval section	**Course team**