

| NATIONALLY HARMONISED B.Sc. CHEMICAL ENGINEERING PROGRAM | | | | |
|---|---|----------|------------------------|------------|
| Course Code | ChEg5223 | | | |
| Course Name | Process Engineering laboratory | | | |
| Degree Program | B.Sc. in Chemical Engineering | | | |
| Module Name | Elective (Process Engineering) | | | |
| Module Coordinator | N.N. | | | |
| Lecturer | TBA | | | |
| ECTS Credits | 3 | | | |
| Contact Hours (per week) | Lecture | Tutorial | Laboratory or Practice | Home study |
| | 0 | 0 | 3 | 2 |
| | - | - | 48 | 32 |
| Mode of delivery | Parallel /Semester wise | | | |
| Course Objectives & Competences to be Acquired | <p>The course aims to introduce students with practical lab works in process technology.</p> <p>After completion of this course:</p> <ul style="list-style-type: none"> • The student will be able to optimize a process • The student will be able to control a process • The student will be able to understand how to select raw materials • The student will be able to understand efficient utilization of utilities | | | |
| Course Description/Course Contents | <p>Pilot plant of different production process</p> <ul style="list-style-type: none"> • Ethanol production • Biogas production • Beer production | | | |
| Pre-requisites | ChEg5221, process integration and optimization | | | |
| Semester | Year 5, Semester II | | | |
| Status of Course | Elective | | | |
| Teaching & Learning Methods | Laboratory practice | | | |

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| Assessment/Evaluation | Continuous Assessment.....50% <ul style="list-style-type: none"> • Lab report.....50% End term exam.....50% |
| Course Policy | <p>Attendance: As per nationally harmonized academic policy</p> <p>Assessments: students are supposed to handle all assessments on time.</p> <p>Cheating/plagiarism: it is strictly forbidden and any misconduct is accountable per the students' code of conduct.</p> |
| Literature | |
| Approval Section | Module team/course chair |