

ANNA UNIVERSITY :: CHENNAI – 600 025
CENTRE FOR ACADEMIC COURSES
AFFILIATED INSTITUTIONS

Additional Courses to be studied and Courses exempted in respect of students originally admitted under Regulations 2013 and Rejoined in Regulations 2017(CBCS)

FACULTY OF TECHNOLOGY


BRANCH : B.TECH. CHEMICAL ENGINEERING

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	<ol style="list-style-type: none"> 1. GE8151– Problem Solving and Python Programming 2. GE8161– Problem Solving and Python Programming Laboratory 	<ol style="list-style-type: none"> 1. GE8261– Engineering Practices Laboratory
III	<ol style="list-style-type: none"> 1. CH8201 – Principles of Chemical Engineering 2. CH8281 – Chemical Analysis Laboratory 	<ol style="list-style-type: none"> 1. EE8352 – Principles of Electrical and Electronics Engineering 2. EE8361 – Electrical Engineering Laboratory 3. ME8362 – Mechanical Engineering Laboratory
IV	<ol style="list-style-type: none"> 1. MA8391 – Probability and Statistics 2. CH8351 – Process Calculations 3. CH8281 – Chemical Analysis Laboratory 	<ol style="list-style-type: none"> 1. CH8402 – Physical Chemistry 2. CY8281 – Organic Chemistry Laboratory 3. Two Professional Electives (later at appropriate semester)
V	<ol style="list-style-type: none"> 1. MA8491 – Numerical Methods 2. CH8491 – Instrumental Methods of Analysis <p>Note: Should attend 4 weeks of internship during summer/winter vacation before the commencement of VII semester</p>	<ol style="list-style-type: none"> 1. CH8501 – Chemical Process Industries 2. One Professional Elective
VI	<ol style="list-style-type: none"> 1. CH8502 – Chemical Reaction Engineering I 2. CH8561 – Heat Transfer Laboratory <p>Note: Should attend 4 weeks of internship during summer/winter vacation before the commencement of VII semester</p>	<ol style="list-style-type: none"> 1. CH8602–Chemical Engineering Thermodynamics II 2. One Open Elective (to be offered in 7th semester)

VII	<ol style="list-style-type: none"> 1. CH8601 – Chemical Reaction Engineering II 2. CH8612 – Chemical Reaction Engineering Laboratory 3. CH8652 – Process Engineering Economics <p>Note: Should attend 4 weeks of internship at end of VII, VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<ol style="list-style-type: none"> 1. CH8701 – Process Equipment Design 2. CH8781 – Mass Transfer Laboratory 3. One Open Elective
VIII	<p style="text-align: center;">NIL</p> <p>Note: Should attend 4 weeks of internship at end of VIII semester for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<p style="text-align: center;">NIL</p>

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FACULTY OF TECHNOLOGY
BRANCH : B.TECH. BIOTECHNOLOGY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	1. GE8161– Problem Solving and Python Programming Laboratory	1. GE8261– Engineering Practices Laboratory
III	1. BE8252 – Basic Civil and Mechanical Engineering	1. BT8361 – Microbiology Laboratory
IV	1. HS8381 – Interpersonal Skills / Listening and Speaking 2. BT8302 – Applied Thermodynamics for Biotechnologists	1. GE8291– Environmental Science and Engineering
V	1. HS8461 – Advanced Reading and writing 2. BT8402 – Molecular Biology 3. BT8412 – Molecular Biology Laboratory 4. HS8381 – Interpersonal Skills / Listening and Speaking	1. BT8502 – Analytical Methods and Instrumentation 2. BT8512 – Analytical Methods and Instrumentation Laboratory
VI	1. HS8581 – Professional Communication 2. HS8461 – Advanced Reading and writing 3. One Professional Elective	1. Open Elective (to be offered in 7 th semester)

VII	<ol style="list-style-type: none"> Two Professional Electives BT8651 Bioinformatics 	<ol style="list-style-type: none"> GE8077 –Total Quality Management BT8791 – Immunology One Open Elective
VIII	<ol style="list-style-type: none"> One Professional Elective 	NIL

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FACULTY OF TECHNOLOGY

BRANCH : B.TECH. TEXTILE TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	1. One Professional Elective(Later at appropriate semester)	1. GE8261- Engineering Practices Laboratory
III	NIL	1. TT8391 – Engineering Mechanics for Textile Technologists
IV	1. EE8362 – Basic Electrical and Electronics Engineering Laboratory	2. GE8291- Environmental Science and Engineering
V	1. TT8491 – Knitting Technology 2. EE8362 – Basic Electrical and Electronics Engineering Laboratory 3. TT8451 – Production of Manufactured Fibre Note: Should attend 4 weeks of internship during summer/winter vacations and before the commencement of VII semester	1. GE8291- Environmental Science and Engineering 2. TT8591 – Woven Fabric Structures 3. TT8561 – Fabric Analysis Laboratory
VI	1. EE8362 – Basic Electrical and Electronics Engineering Laboratory 2. One Professional Elective Note: Should attend 4 weeks of internship during summer/winter vacations and before the commencement of VII semester	1. One Open Elective (offered in 7 th semester)

VII	<ol style="list-style-type: none"> 1. EE8362 – Basic Electrical and Electronics Engineering Laboratory 2. Three Professional Electives 3. TT8611 Knitting and Garment Construction Laboratory <p>Note: Should attend 4 weeks of internship at end of VII, VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<ol style="list-style-type: none"> 1. TT8751 – Financial Management in Textile Industry 2. TT8851 – Bonded Fabrics 3. One Open Elective
VIII	<ol style="list-style-type: none"> 1. Three Professional Electives <p>Note: Should attend 4 weeks of internship at end of VIII semester for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<ol style="list-style-type: none"> 1. TT8851 – Bonded Fabrics

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FACULTY OF TECHNOLOGY
BRANCH : B.E. PETROCHEMICAL ENGINEERING

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	<ol style="list-style-type: none"> 1. GE8151– Problem Solving and Python Programming 2. GE8161– Problem Solving and Python Programming Laboratory 	<ol style="list-style-type: none"> 1. GE8261– Engineering Practices Laboratory
III	<ol style="list-style-type: none"> 1. CY8291– Organic Chemistry 2. PM8251– Industrial Chemical Technology 3. CY8281–Organic Chemistry Laboratory 4. BE8256-Basic Mechanical Engineering 	<ol style="list-style-type: none"> 1. GE8292 – Engineering Mechanics 2. EE8352 –Principles of Electrical and Electronics Engineering 3. One Professional Elective (Later at appropriate semester)
IV	<ol style="list-style-type: none"> 1. PM8251 – Industrial Chemical Technology 2. MA8391– Probability and Statistics 3. PM8351– Fluid Mechanics 4. PM8391 – Materials Technology 	<ol style="list-style-type: none"> 1. CY8292 – Chemistry for Technologists 2. CH8451 – Mechanical Operations 3. Two Professional Electives
	<ol style="list-style-type: none"> 1. PM8451 – Petroleum Exploration and Exploitation Techniques 2. PE8092 – Natural Gas Engineering 3. PM8452 – Petroleum Primary Processing Technology 	
V	<ol style="list-style-type: none"> 1. PM8451 – Petroleum Exploration and Exploitation Techniques 2. PE8092 – Natural Gas Engineering 3. PM8452 – Petroleum Primary Processing Technology <p>Note: Should attend 4 weeks of internship during summer/winter vacations and before the commencement of VII semester</p>	<ol style="list-style-type: none"> 1. CH8591 – Heat Transfer 2. Two Professional Electives

VI	<ol style="list-style-type: none"> 1. PM8452 – Petroleum Primary Processing Technology 2. PM8561 – Petrochemical Analysis Laboratory <p>Note: Should attend 4 weeks of internship during summer/winter vacations and before the commencement of VII semester</p>	<ol style="list-style-type: none"> 1. One Open Elective (Offered in 7th Semester) 2. One Professional Elective 3. GE8291–Environmental Science and Engineering
VII	<ol style="list-style-type: none"> 1. PM8651 – Petroleum Secondary Processing Technology 2. PE8072 – Catalytic Reaction Engineering <p>Note: Should attend 4 weeks of internship at end of VII, VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<ol style="list-style-type: none"> 1. PM8751 – Process Equipment Design and Drawing 2. GE8291 – Environmental Science and Engineering 3. One Open Elective 4. One Professional Elective
VIII	<ol style="list-style-type: none"> 1. PE8072 – Catalytic Reaction Engineering <p>Note: Should attend 4 weeks of internship at end of VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<ol style="list-style-type: none"> 1. One Professional Elective

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FACULTY OF TECHNOLOGY
BRANCH : B.TECH. FASHION TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	1. One Professional Elective (Later at appropriate semester)	1. GE8261- Engineering Practices Laboratory
III	1. FT8201 – Concepts of Fashion and Design	1. One Professional Elective (Later at appropriate semester) 2. TT8391 – Engineering Mechanics for Textile Technologists
IV	1. FT8201 – Concepts of Fashion and Design 2. EE8362 – Basic Electrical and Electronics Engineering Laboratory 3. FT8302 – Pattern Engineering I 4. FT8312 – Pattern Engineering Laboratory I	1. GE8291 – Environmental Science and Engineering 2. TT8391 – Engineering Mechanics for Textile Technologists 3. Two Professional Electives (Later at appropriate semester)
V	1. FT8201 – Concepts of Fashion and Design 2. EE8362 – Basic Electrical and Electronics Engineering Laboratory 3. FT8402 - Pattern Engineering II 4. FT8411 – Pattern Engineering Laboratory II	1. GE8291- Environmental Science and Engineering 2. TT8591 – Woven Fabric Structures 3. TT8561 – Fabric analysis Laboratory 4. FT8703 – Garment Accessories and Embellishments
	Note: Should attend 4 weeks of internship during summer/winter vacations and before the commencement of VII semester	5. Two Professional Electives (Later at appropriate semester)

VI	<ol style="list-style-type: none"> 1. Two Professional Electives 2. FT8511 – Garment Construction Laboratory II <p>Note: Should attend 4 weeks of internship during summer/winter vacations and before the commencement of VII semester</p>	<ol style="list-style-type: none"> 1. FT8601 – Apparel Production Planning and Process Control 2. FT8602 – Knit Fabric Production 3. FT8702 – Garment Finishing and Clothing Care 4. FT8703 – Garment Accessories and Embellishments 5. One Open Elective (offered in 7th semester)
VII	<ol style="list-style-type: none"> 1. Two Professional Electives <p>Note: Should attend 4 weeks of internship at end of VII, VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<ol style="list-style-type: none"> 1. FT8701 –Apparel Costing 2. FT8702 – Garment Finishing and Clothing Care 3. FT8703 – Garment accessories and Embellishments 4. FT8711 – Computer Aided Garment Design Laboratory 5. One Open Elective
VIII	<p style="text-align: center;">NIL</p> <p>Note: Should attend 4 weeks of internship at end of VIII semester for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<p style="text-align: center;">NIL</p>

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FACULTY OF TECHNOLOGY

BRANCH : B.TECH. POLYMER TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	1. One Professional Electives (Later at appropriate semester)	1. GE8261– Engineering Practices Laboratory
III	1. GE8151– Problem Solving and Python Programming 2. GE8161– Problem Solving and Python Programming Laboratory	NIL
IV	1. PR8251– Production Processes	NIL
V	1. HS8381– Interpersonal Skills / Listening and Speaking	NIL
VI	1. PT8401 – Rubber Materials 2. PT8453 - Process Instrumentation for Polymer Technologist	1. Open Elective (Offered in 7 th Semester)

VII	1. PT8511 – Plastics Processing Laboratory	1. PT8751 – Polymer Composites 2. Open Elective II
VIII	NIL	NIL

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FACULTY OF TECHNOLOGY
BRANCH : B.TECH. PLASTICS TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	1. One Professional Electives (Later at appropriate semester)	1. GE8261– Engineering Practices Laboratory
III	1. GE8151– Problem Solving and Python Programming 2. GE8161– Problem Solving and Python Programming Laboratory	NIL
IV	1. PR8251– Production Processes	NIL
V	1. HS8381– Interpersonal Skills / Listening and Speaking	NIL
VI	1. PL8501 - Additives and Compounding 2. PL8502 - Plastics Testing – I 3. PT8453 – Process Instrumentation for Polymer Technologist 4. ME8391 – Engineering Thermodynamics	1. Open Elective (Offered in 7 th Semester) 2. Two Professional Electives

VII	1. PL8603 Plastics Testing II	1. One Open Elective
VIII	NIL	NIL

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FACULTY OF TECHNOLOGY
BRANCH : B.TECH. TEXTILE CHEMISTRY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	1. One Professional Elective (Later at appropriate semester)	1. GE8261 – Engineering Practices Laboratory
III	NIL	1. TT8391 – Engineering Mechanics for Textile Technologists
IV	1. FT8491 – Fabric Manufacturing 2. TC8311 – Yarn and Fabric Manufacturing Laboratory	1. TC8412 –Textile Chemical Analysis Laboratory 2. GE8291– Environmental Science and Engineering 3. One Professional Elective (Later at appropriate semester)
V	1. TT8451 – Production of Manufactured Fibre 2. TT8452 – Solid Mechanics for Textile Technologists Note: Should attend 4 weeks of internship during summer/winter vacations and before the commencement of VII semester	1. GE8291 – Environmental Science and Engineering 2. Three Professional Electives
VI	1. TC8504 – Dyeing of Protein Materials 2. TT8451 – Production of Manufactured Fiber Note: Should attend 4 weeks of internship during summer/winter vacations and before the commencement of VII semester	1. TC8601 – Wet Processing Machinery 2. TC8605 – Computer Color Matching 3. One Professional Elective 4. One Open Elective (offered in 7 th semester)

VII	<p>1. TT8451 – Production of Manufactured Fiber</p> <p>Note: Should attend 4 weeks of internship at end of VII, VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<p>1. One Professional Elective</p> <p>2. One Open Elective</p>
VIII	<p>1. TT8751 Financial Management in textile industry</p> <p>Note: Should attend 4 weeks of internship at end of VIII semester for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<p>1. Two Professional Electives</p>

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FACULTY OF TECHNOLOGY

BRANCH : B.TECH. CHEMICAL AND ELECTROCHEMICAL ENGINEERING

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	1. GE8151– Problem Solving and Python Programming 2. GE8161– Problem Solving and Python Programming Laboratory	1. GE8261– Engineering Practices Laboratory
III	1. EL8201 – Principles of Electrochemistry	1. EL8311 – Engineering Chemistry Laboratory 2. One Professional Elective (later at appropriate semester)
IV	1. EL8201 –Principles of Electrochemistry 2. GE8291 – Environmental Science and Engineering	1. EL8401 – Fluid and Solid Operations 2. One Professional Elective (later at appropriate semester)
V	1. GE8291 – Environmental Science and Engineering Note: Should attend 4 weeks of internship during summer/winter vacation before the commencement of VII semester	1. HS8581 – Professional Communication 2. One Professional Elective (later at appropriate semester)
VI	1. GE8291 – Environmental Science and Engineering Note: Should attend 4 weeks of internship during summer/winter vacation before the commencement of VII semester	1. One Open Elective (offered in 7 th semester)
VII	1. GE8291 – Environmental Science and Engineering 2. CH8652 – Process Engineering Economics Note: Should attend 4 weeks of internship at end of VII, VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester	1. One Open Elective 2. One Professional Elective

VIII	1. CH8652 – Process Engineering Economics Note: Should attend 4 weeks of internship at end of VIII semester for which evaluation will be done within 90 days from the last working day of VIII semester	1. One professional elective
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FACULTY OF TECHNOLOGY

BRANCH : B.TECH. PETROCHEMICAL TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	<ol style="list-style-type: none"> 1. GE8151– Problem Solving and Python Programming 2. GE8161– Problem Solving and Python Programming Laboratory 	<ol style="list-style-type: none"> 1. GE8261– Engineering Practices Laboratory
III	<ol style="list-style-type: none"> 1. CY8291 – Organic Chemistry 2. PM8251 – Industrial Chemical Technology 3. CY8281 – Organic Chemistry Laboratory 	<ol style="list-style-type: none"> 1. GE8292– Engineering Mechanics 2. EE8352 – Principles of Electrical and Electronics Engineering 3. ME8362 – Mechanical Engineering Laboratory
IV	<ol style="list-style-type: none"> 1. MA8391 – Probability and Statistics 2. PM8351 – Fluid Mechanics 3. CH8351 – Process Calculations 4. PM8391 – Materials Technology 	<ol style="list-style-type: none"> 1. CY8292– Chemistry for Technologists 2. CH8281 – Chemical Analysis Laboratory 3. GE8291 – Environmental Science and Engineering 4. One Professional Elective (Later in appropriate semester)
	<ol style="list-style-type: none"> 1. PE8491 – Chemical Engineering Thermodynamics 2. PM8451 – Petroleum Exploration and Exploitation Techniques 	
V	<ol style="list-style-type: none"> 3. PE8092 – Natural Gas Engineering 4. PM8452 – Petroleum Primary Processing Technology <p>Note: Should attend 4 weeks of internship during summer/winter vacations and before the commencement of VII semester</p>	<ol style="list-style-type: none"> 1. GE8291 – Environmental Science and Engineering 2. Two Professional Elective

VI	<ol style="list-style-type: none"> 1. PM8452 – Petroleum Primary Processing Technology 2. PE8091 - Chemical Reaction Engineering 3. CH8561 – Heat Transfer Laboratory 4. PM8561 – Petrochemical Analysis Laboratory <p>Note: Should attend 4 weeks of internship during summer/winter vacation before the commencement of VII semester</p>	<ol style="list-style-type: none"> 1. One Open Elective (Offered in 7th Semester) 2. GE8291–Environmental Science and Engineering 3. Two Professional Electives
VII	<ol style="list-style-type: none"> 1. PE8661 – Petroleum Testing Laboratory 2. PM8561 – Petrochemical Analysis Laboratory 3. PM8651 – Petroleum Secondary Processing Technology 4. PE8072 –Catalytic Reaction Engineering <p>Note: Should attend 4 weeks of internship at end of VII, VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<ol style="list-style-type: none"> 1. GE8291 – Environmental Science and Engineering 2. PM8751 – Process Equipment Design and Drawing 3. One Open Elective 4. Two Professional Electives
VIII	<p style="text-align: center;">NIL</p> <p>Note: Should attend 4 weeks of internship at end of VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<p style="text-align: center;">NIL</p>

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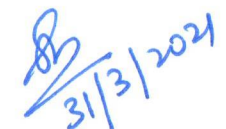
FACULTY OF TECHNOLOGY

BRANCH : B.TECH. PHARMACEUTICAL TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	<ol style="list-style-type: none"> 1. GE8151– Problem Solving and Python Programming 2. GE8161– Problem Solving and Python Programming Laboratory 	<ol style="list-style-type: none"> 1. GE8261- Engineering Practices Laboratory
III	NIL	NIL
IV	<ol style="list-style-type: none"> 1. MA8353 – Transforms and Partial Differential Equations 2. PE8491 – Chemical Engineering Thermodynamics 	<ol style="list-style-type: none"> 1. MA8391 – Probability and Statistics 2. PY8402 – Fluid Flow Operations
V	<ol style="list-style-type: none"> 1. PY8302 – Physical Pharmaceutics 2. PY8311 – Physical Pharmaceutics Laboratory 3. Two Professional Electives 	<ol style="list-style-type: none"> 1. PY8502 – Pharmacology and Chemotherapy 2. FD8491 – Fundamentals of Heat and Mass Transfer
VI	<ol style="list-style-type: none"> 1. Two Professional Electives 2. BT8691 Applied Chemical Reaction Engineering 3. PY8511 Physiology and Pharmacology Laboratory 4. PY8512 Medicinal Chemistry Laboratory 	<ol style="list-style-type: none"> 1. PY8611 – Bioprocess Engineering Laboratory 2. One Open Elective (offered in 7th semester)

VII	1. Three Professional Electives 2. BT8591 – Bioprocess Engineering	1. PY8702 – Regulatory Requirements in Pharmaceutical Industry 2. One Open Elective
VIII	1. Two Professional Electives	NIL

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BRANCH : B.TECH. FOOD TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	1. GE8151– Problem Solving and Python Programming	1. GE8261– Engineering Practices Laboratory
III	1. FD8201 – Biochemistry 2. BT8291 – Microbiology 3. BT8261 – Biochemistry Laboratory	1. Two Professional Elective (Later at appropriate semester)
IV	1. HS8381 – Interpersonal Skills / Listening and Speaking 2. FD8301– Introduction to Food Processing 3. FD8312 – Food Chemistry and Nutrition Laboratory	1. Two Professional Elective (Later at appropriate semester)
V	1. GE8291– Environmental Science and Engineering	NIL
VI	1. FD8502 – Biochemical Engineering for Food Technologists 2. FD8512 – Biochemical Engineering Laboratory 3. GE8291– Environmental Science and Engineering	1. Two Professional Electives

VII	1. FD8601 – Food Process Engineering and Economics 2. FD8611 – Fruits and Vegetable Processing Technology Laboratory	1. Two Professional Electives
VIII	NIL	NIL

Note: All students who have got readmitted in R-2017 after break of study shall choose electives which they have not already studied either as core or as elective in their previous semesters. If the additional subject prescribed has been already studied by the student as elective course, such additional subject shall be treated as professional elective.

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Additional Courses to be studied and Courses exempted in respect of students originally admitted
Regulations R2013 and Rejoined in Regulations 2017 (CBCS)

FACULTY OF TECHNOLOGY

BRANCH : B.TECH. HANDLOOM AND TEXTILE TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	1. One Professional Elective (Later at appropriate semester)	1. GE8261– Engineering Practices Laboratory
III	NIL	1. TT8391 – Engineering Mechanics for Textile Technologists
IV	1. One Professional Elective (Later at appropriate semester) 2. TT8361 – Fibre Science Laboratory	1. HT8411 – Textile Design and Colour Laboratory 2. HT8401 – Fabric Structure I
V	1. TT8451 – Production of Manufactured Fibre 2. TT8361 – Fibre Science Laboratory 3. TT8461 – Fabric Manufacture Laboratory Note: Should attend 6 weeks of internship during summer/winter vacations and before the commencement of VII semester	1. GE8291 – Environmental Science and Engineering 2. HT8501 – Fabric Structure II 3. HT8513 – Fabric Structure Laboratory I
VI	1. Two Professional Elective 2. TT8361 – Fibre Science Laboratory Note: Should attend 6 weeks of internship during summer/winter vacations and before the commencement of VII semester	1. TT8491 – Knitting Technology 2. One Open Elective (offered in 7 th semester)
VII	1. Three Professional Elective 2. TT8361 – Fibre Science Laboratory 3. HT8614 – Garment Construction Laboratory Note: Should attend 6 weeks of internship at end of VII, VIII semesters for which evaluation will be done within 120 days from the last working day of VIII semester	1. TT8751 – Financial Management in Textile Industry 2. TT8491 – Knitting Technology 3. One Open Elective

VIII	1. One Professional Elective Note: Should attend 6 weeks of internship at end of VIII semester for which evaluation will be done within 120 days from the last working day of VIII semester	1. TT8491 – Knitting Technology
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Additional Subjects to be studied and subjects exempted in respect of students originally admitted under Regulations 2013 and Rejoined in Regulations 2017 (CBCS)

FACULTY OF TECHNOLOGY
BRANCH : B.TECH. PETROLEUM ENGINEERING

REJOINING SEMESTER	ADDITIONAL COURSES	EXEMPTED COURSES
I	Not Applicable	Not Applicable
II	<ol style="list-style-type: none"> 1. GE8151 – Problem Solving and Python Programming 2. GE8161– Problem Solving and Python Programming Laboratory 	<ol style="list-style-type: none"> 1. GE8261 – Engineering Practices Laboratory
III	<ol style="list-style-type: none"> 1. PE8201 – Introduction to Petroleum Engineering 2. CY8291 – Organic Chemistry 3. CY8281 – Organic Chemistry Laboratory 	<ol style="list-style-type: none"> 1. GE8292 – Engineering Mechanics 2. EE8352 – Principles of Electricals and Electronics Engineering
IV	<ol style="list-style-type: none"> 1. EE8361 – Electrical Engineering Laboratory 2. MA8391 – Probability and Statistics 3. PE8302 – Fluids and Solid Operations 4. PE8301– Reservoir Rocks and Fluid Properties 	<ol style="list-style-type: none"> 1. PE8491 – Chemical Engineering Thermodynamics 2. PE8401– Geophysics 3. CH8591– Heat Transfer
V	<ol style="list-style-type: none"> 1. PE8302 – Fluids and Solid Operations 2. PE8403 – Health, Safety and Environmental Management in Petroleum Industries 3. One Professional Elective <p>Note: Should attend 4 weeks of internship during summer/winter vacation before the commencement of VII semester</p>	<ol style="list-style-type: none"> 1. PE8502 – Mass Transfer 2. PE8503 – Reservoir Engineering I 3. CH8561 – Heat Transfer Laboratory

VI	<ol style="list-style-type: none"> 1. PE8302– Fluids and Solid Operations 2. PE8501 – Process Control and Instrumentation 3. Four Professional Electives 4. Open Elective I <p>Note: Should attend 4 weeks of internship during summer/winter vacation before the commencement of VII semester</p>	<ol style="list-style-type: none"> 1. PE8601 – Well Drilling Equipment and Operation 2. PE8602 – Well Logging 3. PE8603 – Reservoir Engineering II 4. PE8604 – Drilling Fluids and Cementing Techniques 5. CH8781 – Mass Transfer Laboratory 6. PE8661 – Petroleum Testing Laboratory 7. GE8291 – Environmental Science and Engineering
VII	<ol style="list-style-type: none"> 1. PE8302 – Fluids and Solid Operations 2. Open Elective I 3. One Professional Electives <p>Note: Should attend 4 weeks of internship at end of VII, VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	<ol style="list-style-type: none"> 1. PE8701 – Petroleum Production Engineering 2. GE8291 – Environmental Science and Engineering 3. PE8711 – Drilling Fluids and Cementing Techniques Laboratory
VIII	<ol style="list-style-type: none"> 1. PE8402 – Fundamentals of Petroleum Geology <p>Note: Should attend 4 weeks of internship at end of VIII semesters for which evaluation will be done within 90 days from the last working day of VIII semester</p>	NIL

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