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 CIVIL ENGINEERING BRANCH: B.E.CIVIL ENGINEERING

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
1	NIL	NIL
II	<ol> <li>GE8151 Problem Solving and Python Programming,</li> <li>GE8161 Problem Solving and Python Programming Laboratory</li> </ol>	GE8261 Engineering Practices Laboratory
Ш	GE8291 Environmental Science and Engineering     CE8211 Computer Aided Building Drawing	NIL
IV	<ol> <li>CE8391 Construction Materials</li> <li>CE8311 Construction Materials Laboratory</li> </ol>	NIL
V	<ol> <li>CE8401 Construction Techniques and Practices</li> <li>CE8311 Construction Materials Laboratory</li> </ol>	NIL
VI	<ol> <li>CE8311 Construction Materials Laboratory</li> <li>CE8512 Water and Wastewater Analysis Laboratory</li> <li>Professional Elective I</li> <li>Open Elective I</li> </ol>	CE8604 Highway Engineering     HS8581 Professional Communication
VII	<ol> <li>CE8603 Irrigation Engineering</li> <li>CE8612 Irrigation and Environmental Engineering Drawing</li> <li>Open Elective I</li> </ol>	<ol> <li>CE8702 Railways, Airports, Docks and Harbour Engineering</li> <li>HS8581 Professional Communication</li> </ol>
VIII	<ol> <li>CE8612 Irrigation and Environmental Engineering Drawing</li> <li>CE8712 Industrial Training</li> <li>Open Elective I</li> <li>Open Elective II</li> </ol>	NIL

Note: All students who have got readmitted after break of study shall choose electives which they have not already studied either as a core or as an elective in their previous semesters.

DIRECTOR

CENTRE FOR ACADEMIC COURSES

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 CIVIL ENGINEERING

BRANCH: B.E.AGRICULTURE ENGINEERING

SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
1	NIL	
11	Professional Elective *	NIL
III	NIL	1. GE8261 Engineering Practices Laboratory
IV	1. MF8491 Thermodynamics	NIL
V	1. Al8411 Soil Science Laboratory	1. CE8393 Strength of Materials
VI	<ol> <li>Al8411 Soil Science Laboratory</li> <li>Professional Elective **</li> <li>Open Elective I</li> </ol>	NIL  1. Al8612 Drawing of Farm Structures 2. Al8604 Solar and Wind Energy Engineering
VII	<ol> <li>Al8411 Soil Science Laboratory</li> <li>Al8603 Protected Cultivation</li> <li>Open Elective I</li> </ol>	NIL
VIII	<ol> <li>Al8713 ICT in Agricultural Engineering Lab Exercises</li> <li>Al8603 Protected Cultivation</li> <li>Al8411 Soil Science Laboratory</li> <li>Open Elective I</li> <li>Open Elective II</li> </ol>	NIL

<sup>\*</sup> Professional Elective taken in Elective III (Semester VI)

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<sup>\*\*</sup> Professional Elective taken in Elective IV (Semester VII)

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 CIVIL ENGINEERING

BRANCH: B.E.ENVIRONMENTAL ENGINEERING

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	
	1. GE8151 Problem Solving and Python Programming,	NIL
II	2. GE8161 Problem Solving and Python Programming Laboratory	1. GE8261 Engineering Practices Laboratory
III	1. GE8291 Environmental Science and Engineering	NIL
IV	EN8302 Basics of Chemical Engineering	
IV		EN8411 Environmental Chemistry and Microbiology     Laboratory
V	EN8302 Basics of Chemical Engineering	CE8491 Soil Mechanics
	2. EN8401 Environmental Policy and Legislations	2. CE8591 Foundation Engineering
VI	EN8302 Basics of Chemical Engineering     EN8503 Waste With Engineering	CE8591 Foundation Engineering
- AVE - SA	<ol> <li>EN8592 Waste Water Engineering</li> <li>Open Elective I</li> </ol>	2. HS8581 Professional Communication
	EN8603 Industrial Waste Water Management	1 EN0744 F
VII	EN8602 Design of Environmental Engineering     Structures	EN8711 Environmental Structural Design and Drawing
	3. Open Elective I	
VIII	EN8703 Environmental Impact Assessment	
	Open Elective I	
	Open Elective II	NIL

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DIRECTOR

CENTRE FOR ACADEMIC COURSES

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 CIVIL ENGINEERING

BRANCH: B.E.GEOINFORMATICS ENGINEERING

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	
II	<ol> <li>GE8151 Problem Solving and Python Programming,</li> <li>GE8161 Problem Solving and Python Programming Laboratory</li> </ol>	NIL  1. GE8261 Engineering Practices Laboratory
III	<ol> <li>GI8201 Geoinformatics Systems</li> <li>GE8291 Environmental Science and Engineering</li> <li>GI8211 Introduction to Matlab</li> </ol>	NIL
IV	<ol> <li>Gl8301 Cartography and GIS Concepts</li> <li>Gl8302 Fundamentals of Object Oriented Programming</li> <li>Gl8211 Introduction to Matlab</li> </ol>	<ol> <li>Gl8402 Elements of Photogrammetry</li> <li>Gl8403 Geology for Geoinformatics</li> </ol>
V	<ol> <li>GI8403 Geodatabase System</li> <li>GI8491 Total Station and GPS Surveying</li> <li>GI8412 Total Station and GPS Surveying Laboratory</li> <li>GI8211 Introduction to Matlab</li> </ol>	NIL
VI	<ol> <li>GI8491 Total Station and GPS Surveying</li> <li>GI8412 Total Station and GPS Surveying Laboratory</li> <li>GI8211 Introduction to Matlab</li> <li>GI8503 Soft Computing Techniques</li> <li>Open Elective I</li> </ol>	1. GI8605 Geodesy
VII	<ol> <li>GI8601 Hydrology and Water Resources Engineering for Geoinformatics</li> <li>GI8603 Urban Geoinformatics</li> <li>GI8211 Introduction to Matlab</li> <li>GI8503 Soft Computing Techniques</li> <li>Open Elective I</li> </ol>	NIL
VIII	<ol> <li>GI8211 Introduction to Matlab</li> <li>GI8503 Soft Computing Techniques</li> <li>Open Elective I</li> <li>Open Elective III</li> </ol>	NIL

Note: All students who have got readmitted after break of study shall choose electives which they have not already studied either as a core or as an elective in their previous semesters.

DIRECTOR CENTRE FOR ACADEMIC COURSES