



ANNA UNIVERSITY
CHENNAI - 600 025
Office of the Controller of Examinations

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CONTROLLER OF EXAMINATIONS

Lr. No. 5600/COE-LAB/2020

Date: 29-02-2020

From

To

Dr. M. Venkatesan
Controller of Examinations
Anna University
Chennai-25

The Principals of all Affiliated Colleges/
Government Colleges/Deans of Regional Campuses
University Colleges under Anna University,
Chennai - 600 025 (Zone- I to XXIII).

Sir/Madam,

Sub : Anna University - Chennai – Office of the Controller of Examinations - Change of Regulations – Instruction on Deletion and Addition of subjects to be written in the examinations - Reg

You are aware that as per the Regulations of the University, the candidates who were permitted to rejoin the programme after break of study/prevention due to lack of attendance, would be governed by the Curriculum and Regulations in force at the time of rejoining. The students rejoining in new Regulations should apply to the Director, Academic Courses in the prescribed format through Head of the Institution at the beginning of the readmitted semester itself for prescribing additional courses, if any, from any semester of the regulations in force, so as to bridge the curriculum in force and the old curriculum.

In spite of many instructions that have been sent to the college, from time to time, the college authorities and students unfortunately have failed to adhere the instructions strictly and consequently the University has been facing a number of litigations. In order to avoid the unnecessary embarrassment to the University, the addition of subjects to be studied by the candidates who had joined in the Regulations 2013, and rejoined in 2017 Regulations owing to the break of study, lack of attendance etc., are given by the Director, Centre for Academic Courses, Anna University, Chennai.

The additional and exempted courses for students readmitted/transferred-cum-readmitted branch-wise and rejoining semester-wise are given in the centre for academic courses website with URL:cac.annauniv.edu/PhpProject1/Announcement/AI/AdditionandExemption.pdf.

Such of these students may be advised to go through thoroughly the list of courses to be studied/exempted and register the courses accordingly in the present or forthcoming semesters without fail.

All the principals may take necessary steps in informing students under the above category and adhere to follow the above instructions.

M. Venkatesan 29/2/2020
CONTROLLER OF EXAMINATIONS

Copy to

The Zonal Coordinators /Zonal Officers,
Zone - I to XXIII



AFFILIATED INSTITUTIONS

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
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming, 2. GE8161 Problem Solving and Python Programming Laboratory	1. GE8261 Engineering Practices Laboratory
III	1. GE8291 Environmental Science and Engineering 2. CE8211 Computer Aided Building Drawing	NIL
IV	1. CE8391 Construction Materials 2. CE8311 Construction Materials Laboratory	NIL
V	1. CE8401 Construction Techniques and Practices 2. CE8311 Construction Materials Laboratory	NIL


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AFFILIATED INSTITUTIONS

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

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	Professional Elective *	1. GE8261 Engineering Practices Laboratory
III	NIL	NIL
IV	1. MF8491 Thermodynamics	1. CE8393 Strength of Materials
V	1. AI8411 Soil Science Laboratory	NIL

* Professional Elective taken in Elective III (Semester VI)

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.


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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 CIVIL ENGINEERING
BRANCH : B.E.ENVIRONMENTAL ENGINEERING

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming, 2. GE8161 Problem Solving and Python Programming Laboratory	1. GE8261 Engineering Practices Laboratory
III	1. GE8291 Environmental Science and Engineering	NIL
IV	1. EN8302 Basics of Chemical Engineering	1. EN8411 Environmental Chemistry and Microbiology Laboratory
V	1. EN8302 Basics of Chemical Engineering 2. EN8401 Environmental Policy and Legislations	1. CE8491 Soil Mechanics 2. CE8591 Foundation Engineering


18/11/19

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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 CIVIL ENGINEERING
BRANCH : B.E.GEOINFORMATICS ENGINEERING

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming, 2. GE8161 Problem Solving and Python Programming Laboratory	1. GE8261 Engineering Practices Laboratory
III	1. GI8201 Geoinformatics Systems 2. GE8291 Environmental Science and Engineering 3. GI8211 Introduction to Matlab	NIL
IV	1. GI8301 Cartography and GIS Concepts 2. GI8302 Fundamentals of Object Oriented Programming 3. GI8211 Introduction to Matlab	1. GI8402 Elements of Photogrammetry 2. GI8403 Geology for Geoinformatics
V	1. GI8403 Geodatabase System 2. GI8491 Total Station and GPS Surveying 3. GI8412 Total Station and GPS Surveying Laboratory 4. GI8211 Introduction to Matlab	NIL


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

FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Aeronautical Engineering

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	ME8381 Computer Aided Machine Drawing
IV	NIL	ME8381 Computer Aided Machine Drawing
V	NIL	NIL


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

**FACULTY OF MECHANICAL ENGINEERING
BRANCH: B.E. Marine Engineering**

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
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. MV8302 Basics of Marine engineering 2. GE8261 Engineering Practices Laboratory
III	<ol style="list-style-type: none"> 1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering 	<ol style="list-style-type: none"> 1. MV8302 Basics of Marine engineering 2. MV8401 Marine Engineering Thermodynamics
IV	<ol style="list-style-type: none"> 1. CE8395 Strength of Materials for Mechanical Engineers 2. MV8312 Strength of Materials and Applied Mechanics Laboratory 	<ol style="list-style-type: none"> 1. MV8401 Marine Engineering Thermodynamics 2. MV8407 Marine Refrigeration and Air Conditioning 3. MV8411 Welding Techniques, Lathe and Special Machine Shop 4. MV8506 Seamanship, Elementary Navigation and Survival at sea
V	MV8403 Marine Boilers and Steam Engineering	MV8506 Seamanship, Elementary Navigation and Survival at sea

Subrajan
18/19.

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Additional Subjects to be studied and exempted in respect of students originally admitted
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FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Automobile Engineering

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	NIL
IV	1. CE8395 Strength of Materials for Mechanical Engineers 2. AT8301 Spark Ignition Engines	1. PR8451 Mechanics of Machines 2. AT8411 Automotive Components Laboratory
V	NIL	NIL

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



FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Mechanical Engineering

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	ME8381 Computer Aided Machine Drawing
IV	HS8381 Interpersonal Skills/Listening & Speaking	CE8395 Strength of Materials for Mechanical Engineers
V	NIL	NIL


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Additional Subjects to be studied and exempted in respect of students originally admitted
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FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Production Engineering

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	NIL
IV	CE8395 Strength of Materials for Mechanical Engineers	ME8491 Engineering Metallurgy
V	1. PR8491 Computer Integrated Manufacturing 2. PR8411 Fluid Power Laboratory	PR8592 Welding Technology


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FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Manufacturing Engineering

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	ME8381 Computer Aided Machine Drawing
IV	Nil	PR8451 Mechanics of Machines
V	HS8381 Interpersonal Skills/Listening & Speaking	1. MF8502 Machine Design 2. MF8503 Engineering Metrology


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Regulations 2013 and Rejoined in Regulations 2017 (CBCS)



FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Materials Science and Engineering

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	NIL
IV	NIL	NIL
V	ML8402 Corrosion and Surface Engineering	NIL


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FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Industrial Engineering and Management



REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	NIL
IV	HS8381 Interpersonal Skills/Listening & Speaking	NIL
V	NIL	MG8591 Principles of Management

S. Srinivasan
18/1/19.
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FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Mechatronics Engineering

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	1. GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	NIL
IV	1. MT8302 Analog Devices and Circuits 2. HS8381 Interpersonal Skills/Listening & Speaking	1. ME8492 Kinematics of Machinery 2. ME8381 Computer Aided Machine Drawing
V	1. MT8302 Analog Devices and Circuits 2. MT8401 Thermodynamics and Heat Transfer 3. MT8411 Microprocessor and Microcontrollers Laboratory	1. ME8594 Dynamics of Machines 2. ME8481 Dynamics Laboratory 3. EC8391 Control Systems Engineering

S. Praveen
18/19.

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



FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Mechanical and Automation Engineering

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	NIL
IV	NIL	NIL
V	AN8401 Manufacturing System Management	1. AN8501 LAN and Networking 2. AN8512 LAN and Networking Laboratory


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



FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Industrial Engineering

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	NIL
IV	ME8391 Engineering Thermodynamics	1. IE8451 Engineering Economics and Cost Estimation 2. PR8451 Mechanics of Machines
V	ME8391 Engineering Thermodynamics	ME8593 Design of Machine Elements


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



FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Mechanical Engineering (Sandwich)

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	NIL
IV	1. ME8351 Manufacturing Technology – I 2. ME8361 Manufacturing Technology Laboratory – I	NIL
V	1. ME8351 Manufacturing Technology – I 2. ME8361 Manufacturing Technology Laboratory – I 3. ME8451 Manufacturing Technology – II 4. ME8462 Manufacturing Technology Laboratory – II	1. MS8501 Industrial Metallurgy 2. PR8481 Metallurgy Laboratory

S. Subra
DIRECTOR 10/10/19.
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Additional Subjects to be studied and exempted in respect of students originally admitted
Regulations 2013 and Rejoined in Regulations 2017 (CBCS)



FACULTY OF MECHANICAL ENGINEERING

BRANCH: B.E. Robotics and Automation

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering	NIL
IV	EC8301 Object Oriented Programming and Data structures	1. RO8402 Electrical Machines and Power Systems 2. RO8411 Electrical Machines Laboratory
V	NIL	RO8511 CNC and Metrology Laboratory


 DIRECTOR 18/12/19.
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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 ELECTRICAL ENGINEERING

BRANCH : B.E.ELECTRICAL AND ELECTRONICS ENGINEERING

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	1. GE8261 Engineering Practices Laboratory
III	1. GE8291 Environmental Science and Engineering	NIL
IV	1. EE8301 Electrical Machines – I 2. EE8311 Electrical Machine Laboratory – I	1. EE8451 Linear Integrated Circuits and Applications 2. EE8461 Linear and Digital Integrated Circuits Laboratory
V	1. ME8792 Power Plant Engineering 2. EE8401 Electrical Machines – II 3. IC8451 Control Systems 4. EE8411 Electrical Machines Laboratory – II 5. EE8412 Technical Seminar	1. EE8591 Digital Signal Processing 2. CS8392 Object Oriented Programming 3. CS8383 Object Oriented Programming Laboratory

S. S. Srinivasan
DIRECTOR 18/01/19.

CENTRE FOR ACADEMIC COURSES

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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 ELECTRICAL ENGINEERING

BRANCH : B.E. INSTRUMENTATION AND CONTROL ENGINEERING

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	1. GE8261 Engineering Practices Laboratory
III	1. GE8291 Environmental Science and Engineering	NIL
IV	1. EI8352 Transducers Engineering 2. CS8392 Object Oriented Programming 3. EI8361 Measurements and Transducers Laboratory 4. CS8383 Object Oriented Programming Laboratory	1. EE8451 Linear Integrated Circuits and Applications 2. EE8461 Linear and Digital Integrated Circuits Laboratory
V	1. EI8361 Measurements and Transducers Laboratory 2. EI8452 Industrial Instrumentation – I 3. IC8451 Control Systems 4. EC8395 Communication Engineering	** Note

** Note : EE6403 Discrete Time Systems and Signal Processing (R2013) is equivalent to EE8591 Digital Signal Processing (Professional Elective V) Hence, Professional Elective V in Semester VIII can be Exempted

Sudrajat
18/19.

DIRECTOR
CENTRE FOR ACADEMIC COURSES

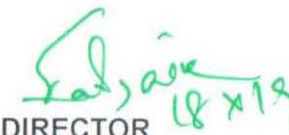
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Additional Subjects to be studied and subjects exempted in respect of students originally admitted
Under Regulations 2013 and Rejoined in Regulations 2017 (CBCS)

FACULTY OF ELECTRICAL ENGINEERING

BRANCH : B.E. ELECTRONICS AND INSTRUMENTATION ENGINEERING

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
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. GE8291 Environmental Science and Engineering 	NIL
IV	<ol style="list-style-type: none"> 1. EI8352 Transducers Engineering 2. CS8392 Object Oriented Programming 3. EI8361 Measurements and Transducers Laboratory 4. CS8383 Object Oriented Programming Laboratory 	<ol style="list-style-type: none"> 1. EE8451 Linear Integrated Circuits and Applications 2. EE8461 Linear and Digital Integrated Circuits Laboratory
V	<ol style="list-style-type: none"> 1. EI8361 Measurements and Transducers Laboratory 2. EI8452 Industrial Instrumentation – I 3. IC8451 Control Systems 4. EC8395 Communication Engineering 	<ol style="list-style-type: none"> 1. EE8591 Digital Signal Processing



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

**FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING
BRANCH: B.E. COMPUTER SCIENCE AND ENGINEERING**

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
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. GE8151 Problem Solving and Python Programming, Laboratory 2. GE8161 Problem Solving and Python Programming Laboratory 3. GE8291 Environmental Science and Engineering 4. BE8255 Basic Electrical, Electronics and Measurement Engineering 	<ol style="list-style-type: none"> 1. CS8351 Digital Principles and System Design 2. CS8382 Digital Systems Laboratory
IV	<ol style="list-style-type: none"> 1. MA8351 Discrete Mathematics 2. CS8392 Object Oriented Programming 3. CS8383 Object Oriented Programming Laboratory 	<ol style="list-style-type: none"> 1. CS8491 Computer Architecture 2. CS8492 Database Management Systems 3. CS8481 Database Management Systems Laboratory
V	<ol style="list-style-type: none"> 1. MA8351 Discrete Mathematics 2. CS8392 Object Oriented Programming 3. CS8383 Object Oriented Programming Laboratory 	<ol style="list-style-type: none"> 1. CS8591 Computer Networks 2. EC8691 Microprocessors and Microcontrollers 3. EC8681 Microprocessors and Microcontrollers Laboratory 4. CS8581 Networks Laboratory


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

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING
BRANCH: B.E. ELECTRONICS AND COMMUNICATION ENGINEERING



REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	1. GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. BE8254 Basic Electrical and Instrumentation Engineering	NIL
IV	1. EC8391 Control Systems Engineering	NIL
V	1. GE8291 Environmental Science and Engineering	NIL


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**Additional Subjects to be studied and subjects exempted in respect of students originally admitted
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**FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING
BRANCH: B.TECH. INFORMATION TECHNOLOGY**



REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
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. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. IT8201 Information Technology Essentials 4. BE255 Basic Electrical, Electronics and Measurement Engineering 5. IT8211 Information Technology Essentials Laboratory 	<ol style="list-style-type: none"> 1. CS8351 Digital Principles and System Design 2. CS8382 Digital Systems Laboratory
IV	<ol style="list-style-type: none"> 1. MA8351 Discrete Mathematics 2. CS8392 Object Oriented Programming 3. CS8383 Object Oriented Programming Laboratory 	<ol style="list-style-type: none"> 1. CS8491 Computer Architecture 2. CS8492 Database Management Systems 3. CS8481 Database Management Systems Laboratory 4. GE291 Environmental Science and Engineering
V	<ol style="list-style-type: none"> 1. MA83514 Discrete Mathematics 2. CS8392 Object Oriented Programming 3. CS8383 Object Oriented Programming Laboratory 	<ol style="list-style-type: none"> 1. CS8494 Software Engineering 2. EC8691 Microprocessors and Microcontrollers 3. EC8681 Microprocessors and Microcontrollers Laboratory

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**FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING
BRANCH: B.E. BIOMEDICAL ENGINEERING**

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
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. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. BM8251 Engineering Mechanics for Biomedical Engineers 4. BM8201 Fundamentals of Bio Chemistry 5. BM8211 Bio Chemistry Laboratory 	<ol style="list-style-type: none"> 1. EC8353 Electron Devices and Circuits 2. BM8312 Devices and Circuits Laboratory
IV	<ol style="list-style-type: none"> 1. BM8251 Engineering Mechanics for Biomedical Engineers 2. BM8302 Pathology and Microbiology 3. BM8311 Pathology and Microbiology Laboratory 	<ol style="list-style-type: none"> 1. EC8393 Fundamentals of Data Structures in C 2. EC8381 Fundamentals of Data Structures in C Laboratory
V	<ol style="list-style-type: none"> 1. EC8392 Digital Electronics 	<ol style="list-style-type: none"> 1. EC8394 Analog and Digital Communication


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in Regulations R2013 and Rejoined in Regulations 2017 (CBCS)**

**FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING
BRANCH: B.E. COMPUTER AND COMMUNICATION ENGINEERING**



REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
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. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. BE8254 Basic Electrical and Instrumentation Engineering 4. GE8291 Environmental Science and Engineering 	<ol style="list-style-type: none"> 1. EC8353 Electron Devices and Circuits
IV	<ol style="list-style-type: none"> 1. EC8352 Signals and Systems 2. Elective ** 	<ol style="list-style-type: none"> 1. EC8394 Analog and Digital Communication 2. CS8451 Design and Analysis of Algorithms 3. CS8491 Computer Architecture 4. CO8411 Digital Electronics Laboratory
V	<ol style="list-style-type: none"> 1. CS8392 Object Oriented Programming 2. EC8491 Communication Theory 3. CS8494 Software Engineering 4. CS8383 Object Oriented Programming Laboratory 	<ol style="list-style-type: none"> 1. EC8394 Analog and Digital Communication 2. EC8691 Microprocessors and Microcontrollers (VI Semester) 3. EC8681 Microprocessors and Microcontrollers Laboratory (VI Semester) 4. CS8591 Computer Networks (VI semester) 5. CS8581 Networks Laboratory (VI semester)

Note: ** The candidate readmitted after break of study and rejoining in IV semester shall undergo additionally one Elective Course as professional elective VI to earn the required number of credits as per the Regulations (CBCS).


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**FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING
BRANCH: B.E. MEDICAL ELECTRONICS**

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	NIL	NIL
II	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory	1. GE8261 Engineering Practices Laboratory
III	1. GE8151 Problem Solving and Python Programming 2. GE8161 Problem Solving and Python Programming Laboratory 3. BM8251 Engineering Mechanics for Biomedical Engineers	NIL
IV	1. BM8251 Engineering Mechanics for Biomedical Engineers	NIL
V	1. BM8251 Engineering Mechanics for Biomedical Engineers 2. EE8452 Basics of Electrical Engineering 3. MD8411 Medical Instrumentation Laboratory	1. EC8691 Microprocessors and Microcontrollers (VI semester) 2. EC8681 Microprocessors and Microcontrollers Laboratory (VI semester)


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FACULTY OF TECHNOLOGY
BRANCH : B.TECH. TEXTILE TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	Not Applicable	Not Applicable
II	1. One Professional Elective (Later at appropriate semester)	2. 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 vacation before the commencement of VII semester	1. GE8291- Environmental Science and Engineering 2. TT8591 – Woven Fabric Structures 3. TT8561 – Fabric Analysis Laboratory

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.


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FACULTY OF TECHNOLOGY
BRANCH : B.TECH. TEXTILE CHEMISTRY

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
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
V	1. TT8451 – Production of Manufactured Fibre 2. TT8452 – Solid Mechanics for Textile Technologists Note: Should attend 4 weeks of internship during summer/winter vacation before the commencement of VII semester	3. GE8291 - Environmental Science and Engineering 4. Three Professional Electives

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.


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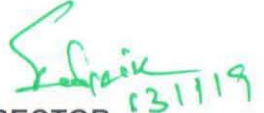
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Additional Subjects to be studied and subjects exempted in respect of students originally admitted under Regulations 2013 and Rejoined in Regulations 2017 (CBCS)

FACULTY OF TECHNOLOGY
BRANCH : B.TECH. FASHION TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
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 Note: Should attend 4 weeks of internship during summer/winter vacation before the commencement of VII semester	1. GE8291- Environmental Science and Engineering 2. TT8591 – Woven Fabric Structures 3. TT8561 – Fabric analysis Laboratory 4. FT8703 – Garment Accessories and Embellishments 5. Two Professional Electives(Later at appropriate semester)

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.


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FACULTY OF TECHNOLOGY

BRANCH : B.TECH. HANDLOOM AND TEXTILE TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
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 vacation before the commencement of VII semester	1. GE8291 – Environmental Science and Engineering 2. HT8501 – Fabric Structure II 3. HT8513 – Fabric Structure Laboratory I

Note: All students who have got readmitted in 2017 after break of study shall choose electives which they have not already studied either as core or as elective in their previous semesters.


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FACULTY OF TECHNOLOGY

BRANCH : B.TECH. PLASTICS TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
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

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.


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FACULTY OF TECHNOLOGY
BRANCH : B.TECH. POLYMER TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
I	Not Applicable	Not Applicable
II	1. One Professional Elective (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

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.


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FACULTY OF TECHNOLOGY
BRANCH : B.TECH. BIOTECHNOLOGY

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
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


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FACULTY OF TECHNOLOGY
BRANCH : B.TECH. FOOD TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
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. PH8254 - Physics of Materials 2. BE8252 - Basic Civil and Mechanical Engineering
IV	1. HS8381 - Interpersonal Skills / Listening and Speaking 2. FD8301 - Introduction to Food Processing 3. FD8312 - Food Chemistry and Nutrition Laboratory	1. FD8305 - Food Chemistry and Nutrition 2. FD8303 - Food Microbiology
V	1. GE8291- Environmental Science and Engineering	Nil

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FACULTY OF TECHNOLOGY

BRANCH : B.TECH. PHARMACEUTICAL TECHNOLOGY

REJOINING SEMESTER	ADDITIONAL SUBJECTS	EXEMPTED SUBJECTS
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	Nil	Nil
IV	1. MA8353 Transforms and Partial Differential Equations 2. PE8491 Chemical Engineering Thermodynamics	1. MA8391 Probability and Statistics 2. PY8402 Fluid Flow Operations
V	1. PY8302 Physical Pharmaceutics 2. PY8311 Physical Pharmaceutics Laboratory 3. Two Professional Electives	1. PY8502 Pharmacology and Chemotherapy 2. FD8491 Fundamentals of Heat and Mass Transfer


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