



Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
Absorption Scheme for the students of B. Tech. Electrical Engg. (Electronics & Power)
From CBS pattern to CBCS semester pattern

III Semester B. TECH. Electrical Engineering

Subject Code	Name of subject in CBS pattern	Subject Code	Name of subject in CBCS pattern
BEELE301T	APPLIED MATHEMATICS-III	BTCHEE301T	ELECTRICAL ENGINEERING MATHEMATICS
BEELE302T	NON CONVENTIONAL ENERGY SOURCES	BTCHEE305T	RENEWABLE ENERGY STUDIES
BEELE303T	ELECTRICAL MEASUREMENT AND INSTRUMENTATION	BTCHEE303T	ELECTRICAL MEASUREMENT AND INSTRUMENTATION
BEELE303P	ELECTRICAL MEASUREMENT AND INSTRUMENTATION	BTCHEE303P	ELECTRICAL MEASUREMENT AND INSTRUMENTATION Lab
BEELE304T	NETWORK ANALYSIS	BTCHEE302T	NETWORK ANALYSIS
BEELE304P	NETWORK ANALYSIS	BTCHEE302P	NETWORK ANALYSIS Lab
BEELE305T	ELECTRONIC DEVICES & CIRCUITS	BTCHEE304T	ANALOG DEVICES & CIRCUITS
BEELE305P	ELECTRONIC DEVICES & CIRCUITS	BTCHEE304P	ANALOG DEVICES & CIRCUITS LAB
	---	BTCHEE306T	INTRODUCTION TO PYTHON PROGRAMMING*
	---	BTCHEE306P	INTRODUCTION TO PYTHON PROGRAMMING LAB*

The students who fail to clear any subject(s) of the III semester (old pattern) by the last chance prescribed, shall be required to clear the respective equivalent subject of III semester (new pattern) mark with (). The Internal Marks of Absorption Scheme new Subject will be the average Marks of CBS Scheme in the Same Semester obtained by Students in Proportion to 30 Marks.


 (CDR U.E. Himase)


 (DR. P.T. Kachure)

Absorption Scheme for the students of B. Tech. Electrical Engg. (Electronics & Power)

From CBS pattern to CBCS semester pattern

IV Semester B.TECH. Electrical Engineering

Subject Code	Name of subject in CBS pattern	Subject Code	Name of subject in CBCS pattern
BEELE401T	APPLIED MATHEMATICS-IV	---	--- (Exempted)
BEELE402T	ELEMENTS OF ELECTROMAGNETICS	BTCHEE405T	ELECTROMAGNETIC FIELDS
BEELE403T	DIGITAL AND LINEAR ELECTRONIC CIRCUITS	BTCHEE402T	DIGITAL ELECTRONICS
BEELE403P	DIGITAL AND LINEAR ELECTRONIC CIRCUITS	BTCHEE402P	DIGITAL ELECTRONICS LAB
BEELE404T	ELECTRICAL MACHINES-I	BTCHEE403T	ELECTRICAL MACHINES-I
BEELE404P	ELECTRICAL MACHINES-I	BTCHEE403P	ELECTRICAL MACHINES-I LAB
BEELE405T	COMPUTER PROGRAMMING	BTCHEE406T	SIMULATION & PROGRAMMING TECHNIQUES
BEELE405P	COMPUTER PROGRAMMING	BTCHEE406P	SIMULATION & PROGRAMMING TECHNIQUES LAB
BEELE406T	ENVIRONMENTAL STUDIES	BTCHEE307T	ENVIRONMENTAL STUDIES
--	----	BTCHEE401T	SIGNAL & SYSTEM*
--	----	BTCHEE407P	INTERNSHIP (2 TO 3 WEEKS)* (AFTER III SEMESTER BREAK)

*The students who fail to clear any subject(s) of the IV semester (old pattern) by the last chance prescribed, shall be required to clear the respective equivalent subject of IV semester (new pattern).

The Internal Marks of Absorption Scheme new Subject will be the average Marks of CBS Scheme in the Same Semester obtained by Students in Proportion to 30 Marks.

(Signature)
(DR. U. E. Himase)

(Signature)
(DR. P. T. Kaurale)

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Absorption Scheme for the students of B. Tech. Electrical Engg. (Electronics & Power)

From CBS pattern to CBCS semester pattern

V Semester B. TECH. Electrical Engineering


Subject Code	Name of subject in CBS pattern	Subject Code	Name of subject in CBCS pattern
BEELE501T	ELECTRICAL POWER SYSTEM - I	BTCHEE404T	POWER SYSTEM
BEELE502T	UTILIZATION OF ELECTRIC ENERGY	BTCHEE505T	PROFESSIONAL ELECTIVE-I 3. ELECTRICAL POWER UTILIZATION
BEELE503T	ELECTRICAL MACHINE DESIGN	BTCHEE703T	PROFESSIONAL ELECTIVE-V 1. ELECTRICAL MACHINE DESIGN
BEELE504T	MICROPROCESSOR & INTERFACING	BTCHEE501T	MICROPROCESSOR & MICROCONTROLLER
BEELE504P	MICROPROCESSOR & INTERFACING LAB	BTCHEE501P	MICROPROCESSOR & MICROCONTROLLER LAB
BEELE505T	ELECTRICAL MACHINES-II	BTCHEE505T	PROFESSIONAL ELECTIVE-I * 1. ELECTRICAL MACHINE-II
BEELE505P	ELECTRICAL MACHINES-II LAB	---	--- (Exempted)
BEELE506P	ELECTRICAL DRAWING & SIMULATION LAB	BTCHEE706P	ELECTIVE LAB-I 2. ELECTRICAL DRAWING & SIMULATION)
BEELE507P	ELECTRICAL ENGINEERING WORKSHOP LAB	BTCHEE707P	ELECTIVE LAB-II 2. ELECTRICAL WORKSHOP
—	—	BTCHEE504T	ADVANCED ELECTRICAL POWER SYSTEM#


The students who fail to clear any subject(s) of the V semester (CBS pattern) by the last chance prescribed, shall be required to clear the respective equivalent subject of V semester (CBCS pattern) along with an additional subject marked with ().

The student who has cleared the old CBS pattern subject which are listed in professional elective are exempted from appearing in those professional and open electives().

#The student who is absorbed in CBCS pattern in 4th year of B.Tech. CBCS has to appear for subject marked with (#).

The Internal Marks of Absorption Scheme new Subject will be the average Marks of CBS Scheme in the Same Semester obtained by Students in Proportion to 30 Marks.


CDR U.E. Hiwase


(DR. P.T. Kaurule)

Absorption Scheme for the students of B. Tech. Electrical Engg. (Electronics & Power)

From CBS pattern to CBCS semester pattern

VI Semester B. TECH. Electrical Engineering

Subject Code	Name of subject in Old semester pattern	Subject Code	Name of subject in New semester pattern
BEELE601T	POWER STATION PRACTICE	BTCHEE505T	PROFESSIONAL ELECTIVE-I * 2. POWER STATION PRACTICE
BEELE602T	ENGINEERING ECONOMICS & INDUSTRIAL MANAGEMENT	BTCHEE601T	ENGINEERING ECONOMICS & MANAGEMENT
BEELE603T	ELECTRICAL DRIVES & THEIR CONTROL	BTCHEE605T	PROFESSIONAL ELECTIVE-II* 3. ELECTRICAL DRIVES & THEIR CONTROL
BEELE604T	POWER ELECTRONICS	BTCHEE503P	POWER ELECTRONICS
BEELE604P	POWER ELECTRONICS LAB	BTCHEE503P	POWER ELECTRONICS LAB
BEELE605T	CONTROL SYSTEM-I	BTCHEE502T	CONTROL SYSTEM
BEELE605P	CONTROL SYSTEM-I LAB	BTCHEE502P	CONTROL SYSTEM LAB
BEELE606P	INDUSTRIAL VISITS & REPORT WRITING	BTCHEE607P	INTERNSHIP 3 TO 4 WEEKS* (AFTER 4 TH OR 5 TH SEMESTER BREAK)/MINI PROJECT
BEELE607T	FUNCTIONAL ENGLISH	---	--- (Exempted)
---	----	BTCHEE604T	OPEN ELECTIVE-I* 1. PLC & SCADA 2. SOLAR PV SYSTEM 3. ORGANIZATIONAL BEHAVIOR 4. NUMERICAL MATHEMATICS & PROBABILITY USING MATLAB
---	----	BTCHEE606T	YOGA & MEDITATION*
---	----	BTCHEE602T	COMPUTER APPLICATIONS IN POWER SYSTEM#
---	----	BTCHEE603T	SWITCH GEAR & PROTECTION #
----	---	BTCHEE602P	COMPUTER APPLICATIONS IN POWER SYSTEM LAB#
----	---	BTCHEE603P	SWITCH GEAR & PROTECTION LAB#

The students who fail to clear any subject(s) of the VI semester (old pattern) by the last chance prescribed, shall be required to clear the respective equivalent subject of VI semester (new pattern) along with an additional subject marked with ().

The student who has cleared the old CBS pattern subject which are listed in professional elective are exempted from appearing in those professional and open electives().

#The student who is absorbed in CBCS pattern in 4th year of B.Tech. CBCS has to appear for subject marked with (#).

The Internal Marks of Absorption Scheme new Subject will be the average Marks of CBS Scheme in the Same Semester obtained by Students in Proportion to 30 Marks.

(DR. V. E. Himase)

(DR. P. T. Kaware)

Absorption Scheme for the students of B.Tech. Electrical Engg. (Electronics & Power)

From CBS pattern to CBCS semester pattern


VII Semester B. TECH. Electrical Engineering

Subject Code	Name of subject in CBS pattern	Subject Code	Name of subject in CBCS pattern
BEELE701T	CONTROLSYSTEM-II	BTCHEE605T	PROFESSIONAL ELECTIVE-II * 1. ADVANCED CONTROL SYSTEM
BEELE702T	ELECTRICAL POWER SYSTEM-II	BTCHEE504T	ADVANCED ELECTRICAL POWER SYSTEM#
BEELE703T	ELECTIVE-I 1. IT AND ITS APPLICATIONS IN POWER SYSTEM		--- (Exempted)
BEELE703T	ELECTIVE-I 2. FUZZY LOGIC AND NEURAL NETWORK		--- (Exempted)
BEELE703T	ELECTIVE-I 3. FLEXIBLEAC TRANSMISSIONSYSTEMS	BTCHEE702T	PROFESSIONAL ELECTIVE-IV 3. FLEXIBLE AC TRANSMISSION SYSTEM
BEELE703T	ELECTIVE-I 4. ENERGY MANAGEMENT AND AUDIT	BTCHEE704T	OPEN ELECTIVE-II* 1. ENERGY MANAGEMENT &AUDIT
BEELE704T	HIGH VOLTAGE ENGINEERING	BTCHEE701T	PROFESSIONAL ELECTIVE-III * 1. HIGH VOLTAGE ENGINEERING
BEELE704P	HIGH VOLTAGE ENGINEERING	BTCHEE706P	ELECTIVE LAB-I 1. HIGH VOLTAGE ENGINEERING)
BEELE705T	ELECTRICAL INSTALLATION DESIGN	BTCHEE702T	PROFESSIONAL ELECTIVE-IV 2. ELECTRICAL INSTALLATION &DESIGN
BEELE705P	ELECTRICAL INSTALLATION DESIGN LAB	BTCHEE707P	ELECTIVE LAB-II (ELECTRICAL INSTALLATION & DESIGN)
BEELE706P	PROJECT	BTCHEE708P	PROJECT PHASE I & SEMINAR
----	----	BTCHEE705T	ANCIENT INDIAN HISTORY*

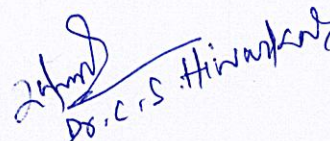
The students who fail to clear any subject(s) of the VII semester (old pattern) by the last chance prescribed, shall be required to clear the respective equivalent subject of VII semester (new pattern) along with an additional subject marked with ().


The student who has cleared the old CBS pattern subject which are listed in professional elective are exempted from appearing in those professional and open electives().


The Internal Marks of Absorption Scheme new Subject will be the average Marks of CBS Scheme in the Same Semester obtained by Students in Proportion to 30 Marks.


(DR. U. E. Hiwase)


(PR. A. M. MENDHE)


Dr. C. S. Hiwase
5/6


DR. N. R. Dhote


Dr. J. B. Fulzele

Absorption Scheme for the students of B.Tech. Electrical Engg. (Electronics & Power)

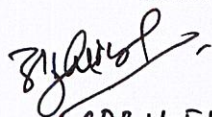
From CBS pattern to CBCS semester pattern

VIII Semester B. TECH. Electrical Engineering

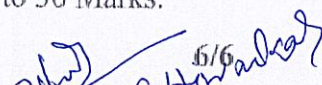
Subject Code	Name of subject in CBS pattern	Subject Code	Name of subject in CBCS pattern
BEELE801T	ELECTIVE-II 1. ENTREPRENEURSHIP DEVELOPMENT	BTCHEE704T	OPEN ELECTIVE-II* 2. INDUSTRIAL ECONOMICS & ENTERPRENURESHIP
BEELE801T	ELECTIVE-II 2. DIGITAL SIGNAL PROCESSING	BTCHEE703T	PROFESSIONAL ELECTIVE-V * 2. DIGITAL SIGNAL PROCESSING & ITS APPLICATION
BEELE801T	ELECTIVE-II 3. POWER QUALITY	BTCHEE803T	ADVANCED PROFESSIONAL ELECTIVE-VII 2. POWER QUALITY
BEELE801T	ELECTIVE-II 4. EHVAC-DC TRANSMISSION	BTCHEE803T	ADVANCED PROFESSIONAL ELECTIVE-VII 1. EHVAC AND HVDC TRANSMISSION
BEELE802T	ELECTIVE-III 1. BIOMEDICAL ENGINEERING	---	--- (Exempted)
BEELE802T	ELECTIVE-III 2. ADVANCED MICROPROCESSOR PERIPHERALS	---	--- (Exempted)
BEELE802T	ELECTIVE-III 3. POWER SEMICONDUCTOR BASED ELECTRIC DRIVES	BTCHEE802T	ADVANCED PROFESSIONAL ELECTIVE-VI 1. POWER SEMICONDUCTOR DRIVES
BEELE802T	ELECTIVE-III 4. ELECTRICAL DISTRIBUTION SYSTEM	BTCHEE802T	ADVANCED PROFESSIONAL ELECTIVE-VI 2. ELECTRICAL DISTRIBUTION SYSTEM
BEELE803T	SWITCHGEAR & PROTECTION	BTCHEE603T	SWITCH GEAR & PROTECTION
BEELE803P	SWITCHGEAR & PROTECTION LAB	BTCHEE603P	SWITCH GEAR & PROTECTION
BEELE804T	COMPUTER APPLICATION IN POWER SYSTEM	BTCHEE602T	COMPUTER APPLICATIONS IN POWER SYSTEM
BEELE804P	COMPUTER APPLICATION IN POWER SYSTEM LAB	BTCHEE602P	COMPUTER APPLICATIONS IN POWER SYSTEM
BEELE805P	PROJECT	BTCHEE804P	PROJECT PHASE II
-----	-----	BTCHEE801T	ELECTRICAL SAFETY & STANDARDS *


*The students who fail to clear any subject(s) of the VIII semester (old pattern) by the last chance prescribed, shall be required to clear the respective equivalent subject of VIII semester (new pattern).


The student who has cleared the old CBS pattern subject which are listed in professional elective are exempted from appearing in those professional and open electives(). The Internal Marks of Absorption Scheme new Subject will be the average Marks of CBS Scheme in the Same Semester obtained by Students in Proportion to 30 Marks.


CDR-U. E. H. Wase


(Dr. A. M. MENDHE)


Dr. C. S. H. Wase


Dr. H. R. Dhoke


Dr. J. B. Fulzele