



**YASHODA SHIKSHAN PRASARAK MANDAL'S
YASHODA TECHNICAL CAMPUS, SATARA
DEPARTMENT OF CIVIL ENGINEERING**

BTCVC 305 : Building Construction

CO	CO Statement
BTCVC 305.1	To understand the types of masonry structures.
BTCVC 305.2	To Understand composition of concrete & effect of various parameters affecting strength.
BTCVC 305.3	To comprehend components of building and their purposes.
BTCVC 305.4	To comprehend the precast and pre-engineered building construction techniques

BTCVC405: Hydraulics II

CO	CO Statement
BTCVC405.1	Design open channel sections in a most economical way.
BTCVC405.2	Know about the non-uniform flows in open channel and the characteristics of hydraulic jump.
BTCVC405.3	Understand application of momentum principle of impact of jets on plane
BTCVC405.4	The students will be able to analyze and select the pumps and turbines as per requirements

BTCVC501: Design of Steel Structure

CO	CO Statement
BTCVC501.1	Identify and compute the design loads and the stresses developed in the steel member.
BTCVC501.2	Analyze and design the various connections and identify the potential failure modes.
BTCVC501.3	Analyze and design various tension, compression and flexural members.
BTCVC501.4	Understand provisions in relevant BIS Codes.




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BTCVC602: Foundation Engineering

CO	CO Statement
BTCVC602.1	To predict soil behavior under the application of loads and come up with appropriate solutions to foundation design queries.
BTCVC602.2	Analyze the stability of slope by theoretical and graphical methods.
BTCVC602.3	Analyze the results of in-situ tests and transform measurements and associated uncertainties into relevant design parameters.
BTCVC602.4	Synthesize the concepts of allowable stress design, appropriate factors of safety, margin of safety, and reliability.
BTCVC602.5	Understand the principles and methods of Geotechnical Exploration

BTCVC 704: Professional Practices

CO	CO Statement
BTCVC 704.1	To understand the importance of preparing the estimates under different conditions for various structures.
BTCVC 704.2	To know about rate analysis and bill preparations and to study about the specification writing.
BTCVC 704.3	To know the various types of contract, accounts in PWD, methods for inviting the works in PWD and tendering.
BTCVC 704.4	TO understand the valuation of land and buildings, various methods and factors affecting valuation.

BTCESS 802B: Environmental Remediation of Contaminated Sites

CO	CO Statement
BTCESS 802B.1	Understand laws, regulations, nature, source and remediation for contaminated sites.
BTCESS 802B.2	Create reports for the assessment, investigation, and closure of environmentally contaminated sites.
BTCESS 802B.3	Investigate and remediate the environmental contamination by using Phytoremediation, Soil Vapor Extraction and Solidification/Stabilization
BTCESS 802B.4	Assess contaminated soil and groundwater remediation strategies by using Chemical Treatment, Bioremediation, Thermal Processes and Soil Washing.



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**YASHODA SHIKSHAN PRASARAK MANDAL'S
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

BTCOC302: Discrete Mathematics


CO	CO Statement
BTCOC302.1	Explain the various fundamental concepts of the Set theory and Logics and Apply the Inclusion and Exclusion Principal to optimize the internal and external validity of the study.
BTCOC302.2	Illustrate the concept of relations and Diagraph to analyze the area of greatest impact for improvement.
BTCOC302.3	Create the application part of lattices in distributed computing and Data mining.
BTCOC302.4	Explain the concept of trees and analyze the concept of Algebraic Structures.

BTCOE404: Object Oriented Programming in Java

CO	CO Statement
BTCOE404.1	To write, compile, run, and test simple object-oriented Java programs.
BTCOE404.2	Read and make elementary modifications to Java programs that solve real-world problems
BTCOE404.3	Validate input in a Java program.
BTCOE404.4	Identify and fix defects and common security issues in code

BTCOC503: Machine Learning

CO	CO Statement
BTCOC503.1	Recognize the characteristics of machine learning, binary classification
BTCOC503.2	Solve classification problems using concept learning and multiclass classification
BTCOC503.3	Apply Tree based and Linear learning models to real world problems
BTCOC503.4	Analyse Bayesian classifiers, Distance based classification and clustering algorithms


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BTCOC602: Computer Networks

CO	CO Statement
BTCOC602.1	To develop an understanding of modern network architectures from a design and performance perspective.
BTCOC602.2	Analyse the requirements for a given organizational structure and select the most appropriate networking architecture and technologies.
BTCOC602.3	To study protocols, network standards, the OSI model, IP addressing, cabling, networking components, and basic LAN design.
BTCOC602.4	Ability to write program using socket programming.

BTCOE702A: Big Data Analytics

CO	CO Statement
BTCOE702A.1	Understand the basic concepts of Big Data Hadoop, Apache Spark & File system.
BTCOE702A.2	Apply map reduce concepts for desired applications.
BTCOE702A.3	Learn the different big data streaming platforms.
BTCOE702A.4	Understand the Machine learning algorithms & visualize the data.

BTCOE802: Cryptography & Network Security

CO	CO Statement
BTCOE802.1	The student will be able to remember the basics of information security and understand the concepts of Number theory necessary of cryptology
BTCOE802.2	The student will be able to remember and Compare various Cryptographic Techniques
BTCOE802.3	The student will be able to remember, Compare and apply various authentication Techniques & Practices and services provided for network security.
BTCOE802.4	The Student will be able to Design Secure applications and Inject secure coding in the developed applications and will be able to understand about the Intrusion, Viruses, firewalls and its configurations



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**YASHODA SHIKSHAN PRASARAK MANDAL'S
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DEPARTMENT OF ELECTRICAL ENGINEERING**

BTEEC302: Electrical Machines-I

CO	Co Statements
C302.1	Empathize with Representation of Power System in P.U.
C302.2	Evaluate Symmetrical Fault Analysis.
C302.3	Investigate Sequence Components and To Draw Sequence Network of
C302.4	Evaluate Unsymmetrical Fault Analysis.
C302.5	Recognize Power flow and Network Model Formulation

BTEEC602: Principles of Electrical Machine Design

CO	Co Statements
C602.1	To understand principles of electric machine design.
C602.2	To design different components of electric machine
C602.3	To design Transformer
C602.4	To understand CAD and use it for transformer design

BTEEC701: Power System Operation & Control

CO	Co Statements
C701.1	An understanding of operational constraints (equipment and stability)
C701.2	To enable the students to analyze Economic dispatch of thermal units
C701.3	To impart the knowledge of automatic generation control and automation
C701.4	An understanding of interchange of power and energy- Economy interchangeability
C701.5	Create awareness of Power system security -factors affecting power system

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BTEEOE606: Elective-VIII- Project Management

CO	Co Statements
C606.1	Understand the concept of management, organization, planning, staffing
C606.2	Understand the importance of Directing and controlling, leadership sty
C606.3	Understand the role of entrepreneurs in economic development, and b
C606.4	Understand the contents of project report, ERP and project

BTEEC502: POWER SYSTEM-II

CO	Co Statements
C502.1	To study different parameters of power system operation and control
C502.2	To study load flow and Diff. methods of reactive power control.
C502.3	To understand diff. methods of fault analysis and stability study

BTEEC703: ELECTRICAL DRIVES

CO	Co Statements
C703.1	Analyze the dynamics of Electrical Drives system.
C703.2	Use various control techniques for controlling the speed of AC and DC motors.
C703.3	Analyze the AC and DC drives.
C703.4	To Select/recommend the appropriate Drive according to the particular applications.
C703.5	State the recent technology of AC and DC drive

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**YASHODA SHIKSHAN PRASARAK MANDAL'S
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DEPARTMENT OF E& TC ENGINEERING**

BTETC303: Digital Electronics

CO	Co Statements
BTETC303.1	Use the basic logic gates and various reduction techniques of digital logic circuit in detail.
BTETC303.2	Design combinational and sequential circuits.
BTETC303.3	Design and implement hardware circuit to test performance and application.
BTETC303.4	Understand the architecture and use of VHDL for basic operations and Simulate using simulation software.

BTETC402: Signals and Systems

CO	Co Statements
BTETC402.1	Understand mathematical description and representation of continuous and discrete time signals and systems.
BTETC402.2	Develop input output relationship for linear shift invariant system and understand the convolution operator for continuous and discrete time system.
BTETC402.3	Understand and resolve the signals in frequency domain using Fourier series and Fourier transforms.
BTETC402.4	Understand the limitations of Fourier transform and need for Laplace transform and develop the ability to analyze the system in s-domain.

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BTEXC504: Digital Signal Processing

CO	Co Statements
BTEXC504.1	Understand use of different transforms and analyze the discrete time signals and systems.
BTEXC504.2	Realize the use of LTI filters for filtering different real world signals.
BTEXC504.3	Capable of calibrating and resolving different frequencies existing in any signal.
BTEXC504.4	Design and implement multistage sampling rate converter.
BTEXC504.5	Design of different types of digital filters for various applications.

BTETC602: Computer Network & Cloud Computing

CO	Co Statements
BTETC602.1	To master the terminology and concepts of the OSI reference model and the TCP-IP reference model.
BTETC602.2	To master the concepts of protocols, network interfaces, and design/performance issues in local area networks and wide area networks.
BTETC602.3	To be familiar with wireless networking concepts.
BTETC602.4	To be familiar with contemporary issues in networking technologies.
BTETC602.5	To be familiar with network tools and network programming.
BTETC602.6	For a given requirement (small scale) of wide-area networks (WANs), local area networks (LANs) and Wireless LANs (WLANs) design it based on the market available component.
BTETC602.7	For a given problem related TCP/IP protocol developed the network programming.
BTETC602.8	Configure DNS DDNS, TELNET, EMAIL, File Transfer Protocol (FTP), WWW, HTTP, SNMP, Bluetooth, Firewalls using open source available software and tools.

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BTETPE703: Embedded System Design

CO	Co Statements
BTETPE703.1	Suggest design approach using advanced controllers to real-life situations.
BTETPE703.2	Design interfacing of the systems with other data handling / processing systems.
BTETPE703.3	Appreciate engineering constraints like energy dissipation, data exchange speeds etc.
BTETPE703.4	Get to know the hardware – software co design issues and testing methodology for embedded system.

BTETOE803: Internet of Things

CO	Co Statements
BTETOE803.1	Understand general concepts of Internet of Things.
BTETOE803.2	Recognize various devices, sensors and applications.
BTETOE803.3	Apply design concept to Internet of Things solutions.
BTETOE803.4	Evaluate design issues in Internet of Things applications.


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YASHODA SHIKSHAN PRASARAK MANDAL'S
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DEPARTMENT OF MECHANICAL ENGINEERING

Course Code: BTMEC302: Material Science and Metallurgy

CO	CO Statement
BTMEC302.1	Students will be able to describe the basic concepts of metal structure.
BTMEC302.2	Understand mechanical properties of materials and calculations of same using appropriate equations
BTMEC302.3	Evaluate phase diagrams of various materials
BTMEC302.4	Suggest appropriate heat treatment process for a given application
BTMEC302.5	Prepare samples of different materials for metallography
BTMEC302.6	Recommend appropriate NDT technique for a given application

Course Code: BTMEC401: Manufacturing Process-I

CO	CO Statement
BTMEC401.1	Identify castings processes, working principles and applications and list various defects in metal casting
BTMEC401.2	Understand the various metal forming processes, working principles and applications
BTMEC401.3	Classify the basic joining processes and demonstrate principles of welding, brazing and soldering

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BTMEC401.4	Study center lathe and its operations including plain, taper turning, work holding devices and cutting tool.
BTMEC401.5	Understand milling machines and operations, cutters and indexing for gear cutting.
BTMEC401.6	Study shaping, planning and drilling, their types and related tooling's

Course Code: BTMEC502: Applied Thermodynamics	
CO	CO Statement
BTMEC502.1	Define the terms like calorific value of fuel, stoichiometric air-fuel ratio, excess air, equivalent evaporation, boiler efficiency, etc. Calculate minimum air required for combustion of fuel.
BTMEC502.2	Study and Analyze gas power cycles and vapour power cycles like Otto, Diesel, dual, Joule and Rankine cycles and derive expressions for the performance parameters like thermal efficiency, P_m
BTMEC502.3	Classify various types of boiler, nozzle, steam turbine and condenser used in steam power plant.
BTMEC502.4	Classify various types of IC engines. Sketch the cut section of typical diesel engine and label its components. Define the terms like TDC, BDC, r_c , etc.
BTMEC502.5	Draw P-V diagram for single-stage reciprocating air compressor, with and without clearance volume, and evaluate its performance. Differentiate between reciprocating and rotary air compressors.

Course Code: BTMEC601: Manufacturing Process II	
CO	CO Statement
BTMEC601.1	Understand the process of powder metallurgy and its applications
BTMEC601.2	Calculate the cutting forces in orthogonal and oblique cutting
BTMEC601.3	Evaluate the machinability of materials

BTMEC601.4	Understand the abrasive processes
BTMEC601.5	Explain the different precision machining processes
BTMEC601.6	Design jigs and fixtures for given application

Course Code: BTMEC701: Mechatronics	
CO	CO Statement
BTMEC701.1	Define sensor, transducer and understand the applications of different sensors and transducers
BTMEC701.2	Explain the signal conditioning and data representation techniques
BTMEC701.3	Design pneumatic and hydraulic circuits for a given application
BTMEC701.4	Write a PLC program using Ladder logic for a given application
BTMEC701.5	Understand applications of microprocessor and micro controller
BTMEC701.6	Analyze PI, PD and PID controllers for a given application

Course Code: BTMEP803 : Project Stage II	
CO	CO Statement
BTMEP803.1	State the aim and objectives for this stage of the project
BTMEP803.2	Construct and conduct the tests on the system/product
BTMEP803.3	Analyze the results of the tests.
BTMEP803.4	Discuss the findings, draw conclusions, and modify the system/product, if necessary.


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**YASHODA SHIKSHAN PRASARAK MANDAL'S
YASHODA TECHNICAL CAMPUS, SATARA
FACULTY OF MBA**

**Course Outcomes
MBA I Sem-I**

Indian Ethos and Management

Course Code	Course Outcomes
CC 101.1	Understand sources of organizational ethical culture and different behavior
CC 101.2	Understand the way of righteousness in the Gita
CC 101.3	Identify the features of Indian ethos
CC 101.4	Analyze Principles of Management
CC 101.5	Understand dynamics of ethics in management.

Management Accounting

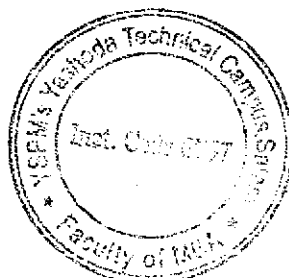
Course Code	Course Outcomes
CC 102.1	Describe concepts in management accounting.
CC 102.2	Prepare final account of a company
CC 102.3	Prepare cost sheet of a company
CC 102.4	Produce CVP analysis.

Managerial Economics

Course Code	Course Outcomes
CC 103.1	To introduce the students about managerial economics and its practices
CC 103.2	To learn the production function and pricing practices
CC 103.3	To aware about market structure and price determination under different market situations
CC 103.4	To aware the students about capital budgeting and business cycles

Information Technology for Management

Course Code	Course Outcomes
CC 104.1	Recognize different components of Information Technology.
CC 104.2	Understand E-commerce models used in a business.
CC 104.3	Analyze impact of E-banking on the business.
CC 104.4	Design a database.



Legal and Business Environment

Course Code	Course Outcomes
CC 105.1	Understand Legal Aspects of Business with respect to Indian economy.
CC 105.2	Relate various legal provisions to relevant business aspects and situations.
CC 105.3	Assess Business Environment in India.
CC 105.4	Appraise Globalization trends a, challenges and environment for foreign trade and investments.

Organizational Behaviour

Course Code	Course Outcomes
CC 106.1	Relate with the historical growth, factors and model of Organizational Behavior.
CC 106.2	Understand the determinants and various theories of personality development.
CC 106.3	Understand the concept of perception and the process.
CC 106.4	Understand the concept of attitude and values. Elaborate the sources and types of values.
CC 106.5	Relate different theories of motivation and Leadership with current situation and know the roles and activities of leadership
CC 106.6	Understand the various strategies for managing conflicts in organization.
CC 106.7	Understand the concept of organizational culture, organizational change and Development.

Soft Skill Development (Internal)

Course Code	Course Outcomes
SECC 107.1	Understand the soft skills
SECC 107.2	Develop professional etiquettes and manners
SECC 107.3	Develop effective communication skills

I-Chh. Shivaji Maharaj – The Management Guru Optional – A* (Internal)

Course Code	Course Outcomes
SECC 108.1.1	Describe functions of management.
SECC 108.1.2	Relate contemporary management with the management by Chh. Shivaji Maharaj.
SECC 108.1.3	Evaluate the planning and strategic options.
SECC 108.1.4	Design the planning and strategic options.



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MCA I Sem- I

Subject Name	CO's	Description
CC101: Introduction to Programming	CO1	Understand Basic Syntax of Python Programming.
	CO2	Demonstrate and implement concepts of object oriented methodology using Python.
	CO3	Develop problem solving skills and their implementation through Python
	CO4	Design Graphical user Interfaces in Python.
CC102 : Computer Architecture and Operating System	CO1	Understand the architecture and working of hardware components in digital computer
	CO2	Compare different memory devices used in digital computer.
	CO3	Describe the basic concepts and functions of Operating System.
	CO4	Illustrate features and significance of Linux operating system.
CC103: RDBMS	CO1	Understand the fundamentals of relational systems including data models, database architectures, and database manipulations using SQL.
	CO2	Design normalized database for business applications.
	CO3	Understand the use of procedural Structured Query Language (PL/SQL).
	CO4	Demonstrate programs using PL/SQL.
104: Statistical and Mathematical	CO1	Understand Basic algorithms and techniques of modern data analysis
	CO2	Implement the algorithms using descriptive Statistical Analysis.
	CO3	Apply a variety of methods for explaining, summarizing and presenting data and interpreting results clearly.
	CO4	Perform the data analysis using classification and present the results of the analysis.
105: Principles of Management and Organizational Behavior	CO1	Understand basics of principles of management and organization behavior.
	CO2	Understand concepts of Personality, learning, emotions, motivation and staffing & controlling
	CO3	Understand Group behavior, team building, communication and leadership.
	CO4	Understand Organizational culture, change and development.
106: Business Communication	CO1	Determine competency level with the basic Communication Skills
	CO2	Adapt Proficiency in handling Professional Communication
GE107: Elective 2.Knowledge Management	CO1	Understand concept of knowledge management and technology application for knowledge management.
	CO2	Use the knowledge management tools.
	CO3	Understand knowledge management Applications.
	CO4	Design knowledge management strategy for organization.

MCA I Sem- II

Subject Name	Co's	Description
CC201: Web Technology	CO1	Apply the concept and usages web based programming techniques.
	CO2	Demonstrate the development of XHTML documents using JavaScript and CSS.
	CO3	Design and implement user interactive dynamic web based applications.
	CO4	Demonstrate client side and server side scripting languages and validation techniques.
CC202: Data Structure	CO1	Differentiate between primitive and non-primitive data types.
	CO2	Select appropriate data type/structure to solve the problem.
	CO3	Design and implement appropriate data structures for solving computing problems.
	CO4	Understand and use various file structures.
CC202: Big Data Management	CO1	Identify evolution of Big Data Management.
	CO2	Understand Components and Tools of Big Data.
	CO3	Apply Big Data Management techniques for processing data.
	CO4	Evaluate role of different Big Data Storage Models and NOSQL for Business Applications.
CC204 : Data Communication & Network	CO1	Understand the basic concepts of data communication and Networking.
	CO2	Evaluate the performance of various networking models.
	CO3	Analyze the performance of network on the basis of different services provided by it.
	CO4	Identify security threats to network and tools to control network security.
CC205: Software Engineering and Project Management	CO1	Understand various software Process Models
	CO2	Design SRS document for Software Project
	CO3	Understand Software Project Life Cycle
	CO4	Describe Software quality attributes and identify IT project risk
GE206: Elective 1.Digital Marketing	CO1	Understand concept and significance of Digital Marketing.
	CO2	Demonstrate the Technical Elements of Digital Marketing.
	CO3	Learn contemporary developments in Digital Marketing.
	CO4	Use Google analytics tools for generating various reports.

MCA II Sem- III

Subject Name	Co's	Description
CC301: Java Programming	CO1	Explain and Apply the Object Oriented Concepts for Solving Real Problem.
	CO2	Create, Debug and Run Simple Java Programs using the Java SDK Environment.
	CO3	Develop the Small Applications using networking and Multithreading.
	CO4	Apply Events Management and Layout Managers Using AWT, Swing for Developing the Software for Various Problems.
CC302:Data Analytics	CO1	Understand basics of Data analysis.
	CO2	Identify tools available for data analytics in python.
	CO3	Evaluate different libraries of python for data analytics
	CO4	Analyze visualization tools for graphical representation of data in python
CC303 : Cyber Security	CO1	Understand the fundamentals of Cyber security vulnerabilities.
	CO2	Demonstrate different Cyber Security techniques.
	CO3	Apply different Internet and Cyber Security Controls.
	CO4	Describe Information Technology Act 2000.
DSE304: 1. Cloud Computing	CO1	Differentiate between different types and services of cloud computing.
	CO2	Assess the role of virtualization in cloud computing.
	CO3	Identify security issues in cloud computing.
	CO4	Describe risk assessment and management in cloud.
AEC305:Entrepreneurship Development	CO1	Understand the concept and significance of Entrepreneurship
	CO2	Understand eco-system available for entrepreneurship development
	CO3	Analyze risk and opportunities involved in IT business projects
	CO4	Prepare feasibility report for a project
AEC306 :MOOC	CO1	Build self learning capabilities through MOOC's.
	CO2	Develop knowledge and skills in emerging areas of information technology.
CC309 : Major Project	CO1	Identify the problem in existing system and develop SRS.
	CO2	Understand the industrial line of work and corporate work culture.
	CO3	Select appropriate technology platform for problem solving
	CO4	Develop application using appropriate technology platform.
	CO5	Test developed application for user acceptance.
	CO6	Write project report in professional format.

MCA II Sem- IV

Subject Name	Co's	Description
CC401 : Artificial Intelligence and Soft Computing	CO1	Understand building blocks of Artificial Intelligence.
	CO2	Evaluate various AI Techniques for problem solving.
	CO3	Analyze different soft computing techniques for solving problems.
	CO4	Build artificial intelligence and soft computing models for real life scenario.
CC402: Advance Java Programing	CO1	Understand the concept of JDBC, Servlet and its life cycle.
	CO2	Design and develop JSP applications using JSP tags.
	CO3	Develop MVC based Java Applications using Spring and Struts.
	CO4	Apply Java Technology to develop the Small Applications using JSF and Hibernate.
CC403: Internet of Things	CO1	Understand the role of IoT in various application domains.
	CO2	Illustrate different technologies of IoT.
	CO3	Identify various communication protocols used for IoT.
	CO4	Elaborate emerging trends in IoT.
DSE404.1: Block Chain Technology	CO1	Understand the structure of Blockchain
	CO2	Identify basics of cryptocurrency.
	CO3	Analyze different Block chain Vulnerabilities.
	CO4	Determine various applications of Block chain.
AEC 405 : Research Methodology	CO1	Define various terms used in research process
	CO2	Describe research design, sample design and sampling methods
	CO3	Apply appropriate methods for data collection and data analysis for research work and write research report.
	CO4	Design Research proposal in the area of Computer Application.
AEC 406: Personality Development	CO1	Recognize factors that influence and groom one's personality.
	CO2	Develop good interpersonal skills and employability skills.
DSE407 : Seminar	CO1	Identify and summarize a topic pertaining to recent advancements in IT and prepare a report based on the formatting guidelines.
	CO2	Develop presentation skills using multimedia tools.
CC410: Mini Project	CO1	Identify the problem in existing system.
	CO2	Develop SRS document for proposed system.
	CO3	Develop application using appropriate technology platform.
	CO4	Validate the developed application.



NAAC- B⁺

Yashoda Shikshan Prasarak Mandal's
Yashoda Technical Campus,
 Faculty of Pharmacy Wadhe, NH-4, Satara – 41501

Course outcomes (2022-23)

Name of the course: Industrial Pharmacy-I

Course Code: BP502T

Semester: V

Class: T. Y. B.Pharm

After completion of course students will be able to

CO	Course Outcomes
BP502TC01	Apply the knowledge of preformulation in the development of dosage new form
BP502TC02	Explain the manufacturing of tablet and liquid oral
BP502TC03	Distigushish between hard and soft gelatin capsule also explain formulation and evaluation of capsule and pellets
BP502TC04	Summarise various considerations in sterile dosage form
BP502TC05	Describe cosmetic product, pharmaceutical aerosol and packaging material science

CO-PO mapping

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11
Code											
BP502TC01	3	3	3	1	2	-	2	-	-	-	3
BP502TC02	3	2	3	2	2	2	2	2	2	1	3
BP502TC03	3	2	2	2	2	2	2	2	2	1	3
BP502TC04	3	2	2	2	-	2	2	2	2	1	3
BP502TC05	3	2	1	1	-	1	2	2	2	1	3
Average	3	2	2	2	2	2	2	2	2	1	3

Correlation level 1,2,3 as defined below

1- Slight 2- Moderate 3 High

Sangre
 (Ms.P.C.Sangre)
 Course co-ordinator

Redasani
 Dr. V. K. Redasani
 Principal
 Yashoda Technical Campus,
 Faculty of Pharmacy, Satara



Yashoda Technical Campus
Faculty of Pharmacy

Semester V
Academic Year 21-22
Class TY
Course IP-I
Course code BP502T

POs	Pharmacy Knowledge	Planning Abilities	Problem analysis	Modern tool usage	Leadership skills	Professional Identity	Pharmaceutical Ethics	Communication	The Pharmacist and society	Environment and sustainability	Life-long learning
CO to PO Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
BP502TC01	3	3	3	1	2	-	2	-	-	-	3
BP502TC02	3	2	3	2	2	2	2	2	2	1	3
BP502TC03	3	2	2	2	2	2	2	2	2	1	3
BP502TC04	3	2	2	2	-	2	2	2	2	1	3
BP502TC05	3	2	1	1	-	1	2	2	2	1	3
Average	3	2	2	2	2	2	2	2	2	1	3
Average Roundup	3	2	2	2	2	2	2	2	2	1	3

CO attainment for course 2.94

PO Attainment for course

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
PO Attainment	2.94	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	0.98	2.94



(Signature)
Dr. V. K. Redasani
Principal
Yashoda Technical Campus,
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