Summer Term - End Term Examination Time Table

Examination May / June 2022-23 (Scheduled in July/Aug 2023)

Ref. No.: PCCOE/Exam/Circular- 84A

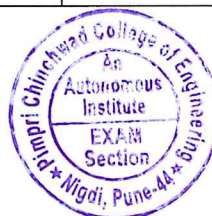Date: 12/07/2023

Year: T.Y. B. Tech.

Academic Year: 2022-23

Department of Mechanical Engineering

Semester: V (Odd)			
Course Name & Course Code	**Date & Day**	**Time**	**Duration & Marks**
Heat Transfer (BME5410)	17/07/2023 Monday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Machine Design (BME5411)	18/07/2023 Tuesday	02:00 PM to 05:00 PM	3 Hrs. 80 Marks
Professional Elective – I*	19/07/2023 Wednesday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Professional Elective – II**	20/07/2023 Thursday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Open Elective – II§	21/07/2023 Friday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
HSMC-V Principles of Management (BHM5113)	22/07/2023 Saturday	02:00 PM to 03:45 PM	1 Hr. 45 Min. 50 Marks

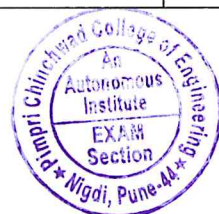| Semester: VI (Even)			
Course Name & Course Code	**Date & Day**	**Time**	**Duration & Marks**
HSMC-VI Project Management [BHM6114]	24/07/2023 Monday	02:00 PM to 03:45 PM	1 Hr. 45 min 50 Marks
HSMC-VI Financial Management [BHM6115]			
HSMC-VI Entrepreneurship Development [BHM6116]			

Course Name & Course Code	Date & Day	Time	Duration & Marks
Numerical Methods and Optimization [BME6413]	25/07/2023 Tuesday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Professional Elective – III @	26/07/2023 Wednesday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Professional Elective – IV @@	27/07/2023 Thursday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Open Elective – III %	28/07/2023 Friday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Open Elective – IV %%	31/07/2023 Monday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Mechatronics [BME6414]	01/08/2023 Tuesday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks

Honors & Minors			
Course Name & Course Code	Date & Day	Time	Duration & Marks
Semester: V (Odd)			
Honors & Minor Courses	02/08/2023 Wednesday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Semester: VI (Even)			
Honors & Minor Courses (a)	03/08/2023 Thursday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks
Honors & Minor Courses (b)	04/08/2023 Friday	02:00 PM to 04:30 PM	2 Hr. 30 Min. 80 Marks

Note: Please note the change in evening examination time slot.

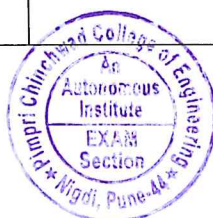**Lists of Professional Electives, Open Electives, Honors and Minor Courses:**

* *Professional Elective – I*	** *Professional Elective – II*
Design of fan, Blower & Compressor (BME5501A)	Product Design and Development (BME5502A)
Incompressible Flow Machines (BME5501B)	Smart Manufacturing (BME5502B)
Steam & Gas Turbine (BME5501C)	Advanced Materials & Manufacturing (BME5502C)
Internal Combustion Engines	Design Thinking (BME5502D)
	Design of Reliability (BME5502E)

^{S} *Open Elective – II*	
Statistical Data Analysis Using R (BAS5607)	Smart City: An Electronic Perspectives (BET5601)
Total Quality Management (BCI5602A)	Modeling and Simulation (BET5602)
Intelligent Transport System (BCI5602B)	Object Oriented Programming (BIT5601)
Data Structures Using Python (BCE5601)	Industry 4.0 (BME5602A)
Programming with C++ (BCE5602)	Safety, Health and Environment (BME5602B)

$^@$ *Professional Elective – III*	$^{@@}$ *Professional Elective – IV*
Non – Conventional Energy Systems [BME6503A]	Mechanical System Design (Design Module) [BME6504]
Biomechanics & Biomedical Engineering [BME6503B]	
Hydraulics & Pneumatics [BME6503C]	
Industrial Engineering [BME6503D]	
Design of Transmission Systems [BMe6503E]	
Alternative Energy Sources for I.C. Engines [BME6503F]	

$^%$ *Open Elective – III*	$^{%%}$ *Open Elective – IV*
Remote using & GIS [BCI6603A]	Smart Cities & Building Automations [BCI6604A]
Building Services & Maintenance [BCI6603B]	Mechanical Electrical Plumbing (MEP) Systems [BCI6604B]
Information Security [BCE6603]	Fundamentals of Machine Learning [BCE6605]
Principles of Software Engineering [BCE6604]	JAVA Programming [BCE6606]
Designing with Raspberry Pi [BET6601]	Designing with Arduino platform [BET6603]
Basics of Automotive Electronics [BET6602]	Communication Protocol for eVehicle [BET6604]
Web Technology [BIT6601]	Mobile Application Development [BIT6602]
Multivariate Data Analysis Using R [BAS6608]	

Semester: V (Odd)	
Honors Courses	***Minor Courses***
System Engineering [HME5981]	**Sustainable Waste Management for smart cities** a) Municipal Solid Waste Management in Smart City [MCI5991]
Electrical Vehicle & Technology [HME5983]	**Entrepreneurship Development** a) Introduction to Entrepreneurship Development [MME5995]
	Data Science a) Probability and Statistics for Data Science [MCE5991]
	Advanced Web Development (AICTE LITE Program) **a)** Getting Started with Java Script [WD101]
	Software Development **a)** Object-Oriented Programming [MIT5991]

Semester: VI (Even)	
Honors Courses	***Minor Courses***
System Engineering **a)** System Architecture and Design [HME6981] **b)** Model Based System Engineering [HME6983]	**Sustainable Waste Management for Smart Cities** Hazardous of e-Waste Management [MCI6991]
Electrical Vehicle & Technology **a)** Battery Technologies for Electrical Vehicle [HME6985] **b)** Design of Electrical Vehicle Powertrain [HME6987]	**Entrepreneurship Development** Business Opportunity Identification [MME6995]
	Data Science Basics of Data Science [MCE6991]
	Software Development Data Structure & Algorithms [MIT6991]

Dr. Sunil Tade
Controller of Examinations