



Bharati Vidyapeeth (Deemed to be University) Pune, India.



Prof. Dr. Shivajirao Kadam
M.Sc., Ph.D.
Chancellor

Prof. Dr. Vivek A. Saoji
M.B.B.S., M.S.(Surg.)
Vice Chancellor

Founder Chancellor : Dr. Patangrao Kadam

- ★ Accredited with 'A+' Grade (2017) by NAAC ★
- ★ Category-I University Status by UGC ★
- ★ NIRF Ranking - 91 ★

"Social Transformation Through Dynamic Education"

Dr. Vishwajeet Kadam
B.Tech., M.B.A., Ph.D.
Pro Vice Chancellor

G. Jayakumar
M.Com., Dip.Pub.Admn.
Registrar

NOTIFICATION NO. 1278

It is hereby notified for the information of all concerned that the Academic Council at its 71st meeting held on 08-10-2024 has resolved to approve the following recommendations of the Faculty of Engineering and Technology to be implemented from the Academic Year 2024-25 :

- (1) Revised course structure and syllabi of the following 2nd year B. Tech. programmes (2023 Batch) as per the guidelines of NEP 2020 :

Sr. No	Name of the Programme
1	B.Tech. (Chemical)
2	B.Tech. (Civil)
3	B.Tech. (Computer Engineering)
	B.Tech. (IT)
	B.Tech. (Computer Science & Engineering)
	B.Tech.(Computer Science & Engineering (AIML))
	B.Tech. (Computer Science & Business Systems)
4	B.Tech. (Electrical)
5	B.Tech. (Electronics & Communication Engineering)
	B.Tech. (Electronics & Telecommunication)
6	B.Tech. (Mechanical)
	B.Tech. (Robotics & Automation)
7	Basic Science

G. Jayakumar



- (2) **Introduction of Minor / Specialization programmes as per the AICTE norms** to be offered in Semester III and IV in different Departments. The details are given below :

Sr. No.	Name of the Department	Minor subject proposed
1	Computer	
a)	Cyber Security	SEM III: Information Security SEM IV: Network Security
b)	Artificial Intelligence & Data Science	SEM III: Soft computing SEM IV: Artificial Intelligence
2	Chemical	SEM III: Bioprocess Technology SEM IV: Wastewater Treatment
3	Civil	SEM III: Integrated Building system SEM IV: Green Construction Practice
4	Computer: CE	SEM III: Artificial Intelligence and Game Development- UI UX Design SEM IV: Artificial Intelligence and Game Development-Game Theory
	Computer: IT	SEM III: Distributed Computing SEM IV: Cloud Systems and Infrastructure
	Computer: CSE	SEM III: Introduction To Block Chain SEM IV: Decentralize & Blockchain Tec
	Computer: CSBS	SEM III: Business Strategy SEM IV: Introduction to Innovation, Ip Management & Entrepreneurship
5	Electrical	SEM-III: Fundamental of electric & Hybrid vehicles—Minor-I SEM IV: EV batteries & charging system-Minor-II
6	Electronics: ECE	SEM III: Sensors and Actuators SEM IV: Communication Protocols
	Electronics: ETC	SEM III: Introduction to Biomedical Engineering SEM IV: Biomedical instruction and bio signal Processing

G. P. Suryawanshi



Sr. No.	Name of the Department	Minor subject proposed
7	Mechanical: Mech	SEM III: materials and manufacturing Processes for 3D printing
		SEM IV: Modelling for 3D printing
	Mechanical: RAC	SEM III: Fundamental of Robotics
		SEM IV: Instrumentation for Robotics and Automation

- (3) Revised syllabus for 7th and 8th Semesters of Computer Science Engineering (AIML) (2020 batch)
- (4) Introduction of the following value added courses for B.Tech. programmes :

Sr. No.	Name of the B.Tech. Programme	Value added course
1	Chemical	Fundamentals of Green Chemistry
		Fermentation Technology
2	Civil	Water Conservation
		Sustainable development
3	Computer: CE	Introduction to Data Science
		Introduction to Intellectual Property Rights
	Computer: IT	Cyber Security
		Data Analysis Tools
4	Electrical	Industrial Safety Practice
5	Electronics: ECE	Introduction Arduino framework
	Electronics: ETC	Basic Electronics
6	Mechanical: Mech	Computer Aided Drafting
	Mechanical: RAC	Application of Robotics in health Science
7	Basic Science and Humanities	Vedic mathematics
		Japanese Language Course
		Instrumental methods for Chemical Analysis
		Smart materials
		Quantum Mechanics
		German Language

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- (5) Revised course structure and syllabi of the 2nd year for the following M.Tech. programmes offered at College of Engineering, Pune :

Sr. No.	Name of the Programme
(1)	M.Tech (Chemical)
(2)	M.Tech. (Civil)
(3)	M.Tech. (Computer Engineering)
(4)	M.Tech. (IT)
(5)	M.Tech. (Electrical)
(6)	M.Tech. (Electronics)
(7)	M.Tech. (Mechanical)
(8)	M.Tech. (Nano Technology)

- (6) Starting of a post-graduate programme **M. Tech (Mechanical)-Energy Systems and Management** and also its course structure and syllabus for its implementation from the academic year 2024-2025.

This is for the information of all the concerned.

Ref. No. BVDU/2024-2025/2682

Date: October 16, 2024

To,

1. The Principal, College of Engineering, Pune
2. The Principal, Department of Engineering & Technology, Off campus, Navi Mumbai
3. The Dean, Faculty of Engineering & Technology, College of Engineering, Pune
4. The Controller of Examinations, BVDU
5. The IT Cell for uploading in the Website.

G. Rajakumar
Registrar