

P.E.S COLLEGE OF ENGINEERING, MANDYA – 571 401

(An Autonomous Institution Affiliated to VTU, Belagavi)

No.: PESCE/DEAN-ACAD/2025-2026/70

Date: 10th February, 2026

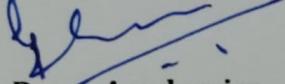
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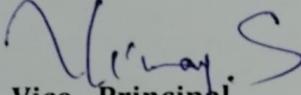
Sub.: Open Elective Registration in PESCE ERP Software for BE – VI (P22 Scheme) Semester Students – Reg.

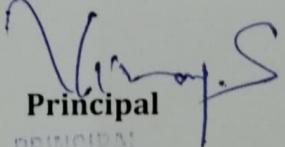
The **BE – VI (P22 Scheme) Semester** students are hereby instructed to do the mandatory Online Course Registration through **PESCE ERP Software**. During the Online Course Registration, the student has to do the **Option Entry for Open Elective**. The Online Course Registration in PESCE ERP Software will be enabled from **06:00pm onwards of 14th February, 2026 to 15th February, 2026**.

The students are directed to do the Option entry carefully for **Open Elective** during the Online Course Registration (**No Changes will be entertained at the later stage**).

The list of Open-Elective courses offered by the departments for B.E- VI (P22 Scheme) Semester students for the Academic Year 2025-26 are enclosed in **ANNEXURE – I**


Dy. Dean Academics
Dy. Dean (Academic)
PESCE, Mandya


Vice - Principal
Vice Principal
P.E.S. College of Engg. Mandya


Principal
PRINCIPAL
PES College of Engineering
Mandya

Copy to:

- Controller of Examination for kind information.
- All UG HoD's, for kind circulation among their BE – VI (P22 Scheme) Semester Students.
- Basic Sciences and MBA HoD's
- Website Coordinator to publish in College portal

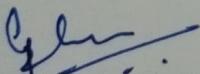
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ANNEXURE - I

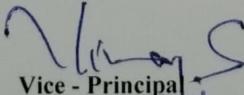
The list of Open Elective courses offered by the departments for B.E (P22Scheme) – VI Semester students for the Academic Year 2025 - 26

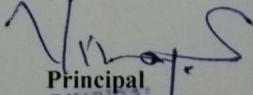
Sl. No.	Offering Department Name	Course Title & Code	Max. limit	Open to the students of all branches
1	Physics	Advanced Physics (P22PHO6051)	45	All Branches
2	Chemistry	Innovations in Chemical Engineering for Environmental Sustainability (P22CHO6052)	45	All Branches
3	Mathematics	Advanced Numerical Techniques (P22MAO6053)	45	All Branches
4	MBA	Financial Management (P22MBO6054)	45	All Branches
5	Automobile Engineering	Advance Driving Assistance System (ADAS) (P22AUO6053)	45	Except AU
6	Civil Engineering	Building Services (P22CVO6051)	45	Except CV
		Municipal Waste Management (P22CVO6054)	45	Except CV
7	Computer Science & Engineering	Introduction to WEB Programming (P22CSO6051)	45	Except CS, AI&ML, IS, DS & CSBS
		Fundamentals of DBMS (P22CSO6052)	45	Except CS, IS, AI&ML, DS & CSBS
8	Computer Science & Engineering (AI&ML)	Fundamentals of Machine Learning (P22AIO6052)	45	Except AIML, CSBS, CS, IS & DS
9	CS&E (Data Science)	R Programming (P22CDO6054)	45	Except CS&E (DS), AIML, CS, IS & CSBS
11	Computer Science & Business Systems	Business Information Systems (P22CBO6052)	45	Except CSBS, AIML, CS, IS & CS&E (DS)
12	Electronics & Communication Engineering	Electronic Instrumentation (P22ECO6051)	45	Except EC
		Introduction to Embedded Systems (P22ECO6052)	45	Except EC
		Introduction to Image Processing (P22ECO6053)	45	Except EC
13	Electrical & Electronics Engineering	Fundamentals of Electric Vehicle (P22EEO6052)	45	Except EE
14	Information science & Engineering	Robotic Process Automation (P22ISO6051)	45	Except IS & AIML
15	Industrial & Production Engineering	Digital Supply Chain Management (P22IPO6052)	45	Except IP
16	Mechanical Engineering	Alternate Fuels, Energy Conversion and Conservation (P22MEO6051)	45	Except ME
		Maintenance Engineering (P22MEO6053)	45	Except ME
		Operations Research (P22MEO6054)	45	Except ME
		Industry 5.0 (P22MEO6055)	45	Except ME
		Ignite X 5.0 – Entrepreneurship & Innovation Accelerator (P22MEO6057)	45	Except ME

Note: a student of a particular programme has already studied / going to study, in higher semester, a similar Core course with majority of topics (60%) same as that of a particular Open elective, then that Open elective is not offered to that student. In which case, the student has to select an alternative Open elective.


Dy. Dean Academics
Dy. Dean (Academic)
PESCE Mandyā

Enclosure: Guidelines for offering Open Elective.


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GUIDELINES FOR OFFERING OPEN ELECTIVE FOR THE B.E. VI SEMESTER

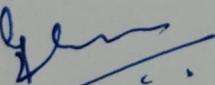
(P22 – SCHEME), FOR THE ACADEMIC YEAR 2025 – 26

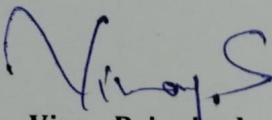
Note to Students:

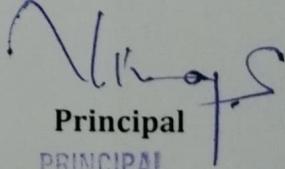
1. All B.E. (P22 – Scheme) students should study one Open Elective in VI Semester (P22XXO605X) as a part of their Programme.
2. Students should register for the Open elective in the beginning of the VI Semester in the department / Online and it may be restricted to department maximum limit requirement on a First Come First Serve basis.
3. All open electives are offered to students of all B.E. programmes (branches) of engineering, in general. However, if a student of a particular programme has already studied / going to study, in higher semester, a similar Core course with majority of topics (60%) same as that of a particular Open elective, then that Open elective is not offered to that student. In which case, the student has to select an alternative Open elective.
4. Having studied / selected a particular Open Elective, a student is not eligible to take a professional elective of his / her programme in the higher semester / same semester which will have majority of topics same as that of the Open elective studied / selected. In which case, the student has to select an alternative professional elective.
5. Students are advised to select an Open elective of their interest and only if they have a pre-requisite knowledge to study that particular open elective.

Note to Departments:

Coordination and Monitoring: The open Elective Coordinator of the student's home department and the course coordinator of the department offering the open elective are jointly responsible for monitoring and adherence to these guidelines at the beginning of the 6th Semester.


Dy. Dean Academic
Dy. Dean (Academic)
PESCE, Mandyā


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