



# SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS)

NAAC Accredited with 'A' Grade,  
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)  
Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956

TIRUCHENGODE- 637 205



16<sup>th</sup> Feb, 2026

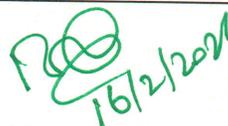
## FACULTY OF TECHNOLOGY DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY FIFTH BOARD OF STUDIES MEETING

### I. AGENDA

- 5.1. To discuss the department Vision and Mission.
- 5.2. To approve the ratifications in the Curriculum (1- 8 Semesters) of Regulations- 2023.
- 5.3. To approve the ratifications in the Three to Sixth semester syllabus under R2023.
- 5.4. To discuss and approve the changes in Seventh & Eight semester syllabus under R2023.
- 5.5. To approve the ratifications in the professional elective courses, mandatory courses 1 & 2 and open elective.
- 5.6. To discuss and confirm the Courses under Minor and Honors Degree for B.Tech.- Pharmaceutical Technology course.
- 5.7. Any Other points.

### II. LIST OF MEMBERS ATTENDED

The Fifth meeting of Board of Studies of the Department of Pharmaceutical Technology held on 16.02.2026 at 10.30 a.m. in the IQAC Room. The following Members attended the meeting.

S. No.	Name of the Faculty & Designation	Position in Committee	Signature with Date
1	Dr.R.Satishkumar Principal Sengunthar Engineering College Tiruchengode	Chairman	 16/2/2026
2	Dr. A. Puratchikody Professor Department of Pharmaceutical Technology University College of Engineering BIT Campus, Anna University, Tiruchirappalli-620024.	University Nominee	 16/02/26



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3	Dr.M.Ramesh pathy Professor, Department of Biotechnology, School of Bioscience and Technology, Vellore Institute of technology (VIT), Vellore – 632014	External Subject Expert	 16/2/26
4	Mr.M.Gopalan, Senior Project Manager, Thermo Fisher Scientific , Bangalore.	Industry Expert	 16/02/2026
5	Dr.N.Kandasamy Asst.Prof / Chemistry Sengunthar Engineering College Tiruchengode.	Internal Member	 16/2/26
6	Mr.S.Arunkumar Asst.Prof / Pharma.Tech Sengunthar Engineering College Tiruchengode.	Internal Member	 16/2/26
7	Mr.V.M.Balakrishan Asst.Prof / Pharma.Tech Sengunthar Engineering College Tiruchengode.	Internal Member	 16/2/26
8	Mr.M.Arjun Asst.Prof / Pharma.Tech Sengunthar Engineering College Tiruchengode.	Internal Member	 16/02/26

### III MINUTES OF THE MEETING

The Chairman of BoS, Dr.R.Satishkumar welcomed all the members. Then all the points of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the Members of Board of Studies.



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After many deliberations, the following resolutions were passed.

**1. Vision and Mission Statement Revision**

- I. The existing vision statement “**Leading in Centre**” should be revised as:  
“**To be a leading centre of excellence in Pharmaceutical Technology, advancing drug development and innovation.**”
- II. The following aspects should be emphasized in the Vision and Mission:
  - a) Strengthening collaboration with pharmaceutical and allied industries.
  - b) Organizing workshops, seminars, and expert lectures for knowledge enhancement.
  - c) Promoting industry–institute interaction and research partnerships.

**2. Curriculum Enhancement and Interdisciplinary Integration**

- a) Include selected **Chemical Engineering** subjects in the syllabus to strengthen interdisciplinary learning.
- b) Advance the subject **Stereochemistry** to the **III or IV semester** to ensure better academic progression.
- c) Introduce structured **self-learning components** in addition to online certification courses.
- d) Incorporate **internship training** to provide industrial exposure and professional development.
- e) Include **industrial projects and product development activities** as part of the curriculum.
- f) If necessary, restructure or replace **Stereochemistry** with relevant **Chemical Engineering-oriented subjects**.

**3. Syllabus Revision – Instrumental Methods of Analysis**

- a) Revise the **Unit V syllabus** content for the **VII Semester**.
- b) Arrange chromatography topics in the following order:
  - I. Thin Layer Chromatography (TLC)
  - II. Column Chromatography



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III. High Performance Liquid Chromatography (HPLC) – include detailed instrumentation.

c) Modify the Column Chromatography topics to improve clarity and relevance.

#### 4. Credit Distribution Review

- a) Verify the **total credit distribution** according to the latest **Anna University regulations**.
- b) Internship attended in the **IV semester** currently carries **no credit**; clarify whether credits should be awarded based on evaluation.
- c) Review and, if required, reduce credits allotted to:
- d) Project Phase I
- e) Project Phase II

#### 5. Value-Added Courses

The following value-added courses are **recommended** to enhance employability and industry readiness:

1. Patent-related courses (Intellectual Property Rights in Pharmaceuticals)
2. Pharmacovigilance
3. Clinical Trials and Regulatory Affairs
4. CDMO – Contract Development and Manufacturing Organization
5. Documentation Practices in Pharmaceutical Industries.
6. Artificial Intelligence Applications in Drug Discovery
7. CMO – Contract Manufacturing Organization in Pharmaceuticals
8. CRAMS – Contract Research and Manufacturing Services

Mr. S. Arunkumar, Assistant Professor and Member of the Board of Studies (P&T), proposed the vote of thanks and expressed his sincere gratitude to all the BoS committee members for their valuable suggestions and for making the meeting a success.

The meeting concluded by 1.00 p.m.



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## FIFTH BOARD OF STUDIES MEETING



*(Handwritten signature)*  
16/2/2026

(Dr.R.Satishkumar)  
Bos -Chairman

