



DEPARTMENT OF PHARMACY

1st Board of Studies Meeting in the Department of Pharmacy

Mode: Through Hybrid Mode

Date and Time: 22-10-2025 and 1.00 PM to 4.00 PM

Respected Madam/Sir,

The 1st Board of Studies Meeting is conducting to get the approval for the various activities that are carried out through off-line and online, at conference hall to discuss about the following agenda points.

1. Welcome and introduce the BoS Members.
2. To discuss, Review and Approve proposed curriculum in Program I- B. Pharmacy -I & II Semesters affect from the academic year 2025-2026.
3. To discuss, review and approve proposed curriculum in Programmes I- M. Pharmacy Pharmaceutics, I- M. Pharmacy Pharmaceutical Technology, I-M. Pharmacy Pharmacology, M. Pharmacy Pharmaceutical Analysis, -I & II Semesters affect from the academic year 2025-2026.
4. To discuss, Review and Approve proposed curriculum in Program I year Pharm D affect from the academic year 2025-2026.
5. To discuss and finalize the syllabus for the following I B Pharm Programme Course:
 - a) Pharmaceutical inorganic and analytical chemistry theory and Practical for I B. Pharm I semester.
 - b) Computers and digital tools in pharmacy theory and Practical for I B. Pharm I semester.
 - c) Professional communication and presentation skills theory and Practical for I B. Pharm I semester.
 - d) Health and wellness, yoga and sports for I B. Pharm I semester.
 - e) AI & Python programming for Pharmacy-I theory and Practical for I B. Pharm II semester.
 - f) Ethics and Universal Human values for I B. Pharm II semester.
6. To discuss and finalize the syllabus for the following M.Pharm Pharmaceutics and Pharmaceutical Technology Programmes Courses:
 - a) PC-1: Modern Pharmaceutical Analytical Techniques, PC-2: Advanced drug delivery systems, PC-3: Modern Pharmaceutics, PC-4: Drug regulatory affairs in product development for I M. Pharm I semester.
 - b) Practical-1: Modern Pharmaceutical Analytical Techniques Practical, Practical-2: Advanced



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drug delivery systems Practical for I M. Pharm I semester.

- c) Research paper writing for I M. Pharm I semester.
- d) PC-5: Molecular Pharmaceutics, PC-6: Advanced Biopharmaceutics and Pharmacokinetics, PC-7: Computer aided drug delivery systems, PC-8: Product formulation technology for I M. Pharm II semester.
- e) Practical-3: Molecular Pharmaceutics Practical, Practical-4: Product formulation technology Practical for I M. Pharm II semester.
- f) Entrepreneurship Management for I M. Pharm II semester.

7. To discuss and finalize the syllabus for the following M. Pharm Pharmacology Program Course:

- a) PC-1: Modern Pharmaceutical Analytical Techniques, PC-2: Modern Pharmacology-I, PC-3: Pharmacological and Toxicological Screening Methods - I, PC-4: Analytical and Cellular Pharmacology for I M. Pharm I semester.
- b) Practical-1: Analytical and Cellular Pharmacology Practical, Practical-2: Modern Pharmacology Practical for I M. Pharm I semester.
- c) Research paper writing for I M. Pharm I semester.
- d) PC-5: Modern Pharmacology - II, PC-6: Pharmacological and Toxicological Screening Methods - II, PC-7: Pharmacological drug development, PC-8: Clinical Research and Pharmacovigilance for I M. Pharm II semester.
- e) Practical-3: Bioassays Practical, Practical-4: Pharmacological drug development Practical for I M. Pharm II semester.
- f) Entrepreneurship Management for I M. Pharm II semester.

8. To discuss and finalize the syllabus for the following M.Pharm Pharmaceutical Analysis Program Course:

- a) PC-1: Modern Pharmaceutical Analytical Techniques, PC-2: Advanced Pharmaceutical Analysis, PC-3: Pharmaceutical Validation, PC-4: Food and Neutraceutical Analysis for I M. Pharm I semester.
- b) Practical-1: Modern Pharmaceutical Analytical Techniques Practical, Practical-2: Food Analysis Practical for I M. Pharm I semester.
- c) Research paper writing for I M. Pharm I semester.
- d) PC-5: Advanced Instrumental Analysis, PC-6: Modern Bioanalytical Techniques, PC-7: Quality control and Quality assurance, PC-8: Herbal and cosmetic analysis for I M. Pharm



ESTD : 2005

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II semester.

- e) Practical-3: Advanced Pharmaceutical Analysis Practical, Practical-4: Herbal and cosmetic analysis Practical for I M. Pharm II semester.
- f) Entrepreneurship Management for I M. Pharm II semester.

9. To discuss and finalize the syllabus for the following I Pharm D Programme Course:

- a) General Dispensing Pharmacy theory and practical for I Pharm D.
- b) Computational tools in pharmacy practice theory and Practical for I Pharm D.
- c) Effective communication skills Practical for I Pharm D.

10. To discuss and suggest Teaching Learning Methodology, Co-Curricular and Extra-Curricular activities for the academic year 2025-2026.

11. To discuss and suggest examiners for paper setting and evaluations.

12. Discuss on any other academic matter

13. Miscellaneous issues.

You are requested to kindly make it convenient to attend the meeting.

Regards,

Yours truly,

M. Pavani

Chairperson

BoS, Pharmacy

Chairperson

Board of Studies (AIPS)
Avanti Institute of Pharmaceutical Sciences
Cherukupally (V), Bhogapuram Mand
Vizianagaram Dt., - 531162

Copy to

1. All BoS Members
2. Dean Academics
3. Principal office



DEPARTMENT OF PHARMACY

1st Board of Studies Meeting in the Department of Pharmacy

- With the permission of the **Mode:** Through Hybrid Mode

Date and Time: 22-10-2025 and 1.00 PM to 4.00 PM Link: Join Zoom Meeting

<https://us06web.zoom.us/j/9030986321?pwd=ZiimVAkn7XVEOGSBaaotJfZWkA8J5a.1&omn>

NEP 2020 and Outcome-Based Education =81 180339256

- She emphasized **Minutes of the 1st Board of Studies (BOS)**

The Meeting of the 1st Board of Studies of Department of Pharmacy, Avanthi Institute of Pharmaceutical Sciences (Autonomous), Cherukupally (village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist), Pin-531162 held on 22-10-2025 from 2.00 PM to 4.00 PM.

Venue: Conference Hall.

Members Present:

1. **Dr.V.Girija Sastry**

Professor, Pharmaceutical Chemistry, Waltair Junction, Visakhapatnam.

2. **Dr. P Ramalingam**

Associate Professor & Head i/c, Department of Pharmaceutical Analysis, National Institute of Pharmaceutical Education and Research (NIPER) –Hajipur.

3. **Dr.Arya Lakshmi Marisetti**

Assistant Professor, DIPSAR Campus, PushpVihar, New Delhi

4. **Dr. K. Eswar Kumar**

Professor, Pharmacology, Andhra University, Waltair Junction, Visakhapatnam.

5. **Mrs. Leela Rani Alla**

Director, Lee Pharma Ltd, Duvvada-530046, Visakhapatnam.

6. **Dr.G.Durga Sai Chaitanya**

Team Lead, Galaxy Clinical Research, Visakhapatnam.

7. **Dr.Gandi Satyanarayana,**

Professor of CSE & Dean- Academics, Avanthi group of colleges.

8. **All the Department Faculty, Department of pharmacy, AIPS.**

9. **Dr.M.Pavani**

Professor, BOS Chairperson, HOD Department of Pharmacy, AIPS.

Item 1:

- Welcome and Introduction of BOS Members

Resolution:

- Dr. M. Pavani, Professor & Head of the Department of Pharmacy, and Chairperson – Board of



Studies, extended a warm welcome to all the esteemed members of the Board. She expressed sincere gratitude for their presence and valuable time.

- With the permission of the members, the Chairperson introduced the institution profile and gave a detailed overview of the department's academic progress, highlighting its commitment to excellence, accreditations, research initiatives, and continuous improvement aligned with NEP 2020 and Outcome-Based Education (OBE).
- She emphasized the importance of industry-academia collaboration in designing a curriculum that is contemporary, holistic, and career-oriented.
- All the Members of BoS assured that they will give the best of their knowledge to prepare the curriculum and syllabus as per the OBE & industrial requirements.

Item 2: Curriculum

- To discuss, Review, and Approve proposed curriculum for I B. Pharmacy I & II Semesters
- Program effective from the academic year 2025-2026.

Suggestion:

- Approve retention of new skill courses (Computers, AI & Python) conditioned on the confirmation that they are additive and not replacing PCI-mandated core content.
- Introduce the integrated course "Pharmaceutical Inorganic and Analytical Chemistry" to provide students with a coherent foundation in inorganic pharmaceutical compounds together with their analytical techniques, thereby reducing duplicate content across separate papers and improving conceptual clarity.

Resolution:

- Resolved that AI & Python, Computers & Digital Tools, and Professional Communication courses be retained as Skill Courses provided they are supplementary and do not reduce PCI-mandated core practical or theory hours.
- All the above suggestions were incorporated in the curriculum programs I B. Pharmacy as per PCI and NEP Guidelines (I & II Semesters) effective from the academic year 2025-2026.

Item 3: Curriculum

- To discuss, Review, and Approval of Proposed Curriculum for I M. Pharmacy I & II semesters programs (Pharmaceutics, Pharmaceutical Technology, Pharmacology, Pharmaceutical Analysis) effective from the academic year 2025-2026.

Suggestion:

- Modern Pharmaceutics and Product Formulation Technology courses will include topics on



quality by design, process analytical technology, and scale-up & technology transfer.

- If possible replace Food Analysis with Food and Nutraceutical Analysis in Pharmaceutical Analysis.
- Ensure practical courses reflect current industrial formulations, analytical instrumentation, and regulatory documentation practices.

Resolution:

- The above suggestions were incorporated into the curricula of I M. Pharmacy – I & II Semesters, effective from the Academic Year 2025–2026.
- The members unanimously approved the proposed curricula for I M.Pharmacy (Pharmaceutics, Pharmaceutical Technology, Pharmacology, and Pharmaceutical Analysis) programs.

Item 4:

- To Discuss, Review, and Approval of Proposed Curriculum for Pharm D –I Year.

Suggestion:

- The members of the Board of Studies reviewed the proposed curriculum for Pharm D – I Year and expressed satisfaction with the structure and course content aligned with Pharmacy Council of India (PCI) regulations.
- The members suggested adding communication skills and patient counseling modules in the practical/clinical orientation sessions to improve professional competence.

Resolution:

- The above proposed suggestions were incorporated in I Pharm D curriculum effective from AY 2025–2026.
- The Board of Studies (BOS) approved the Pharm.D –I Year curriculum.

Item 5:

- Finalization of Syllabus for I B. Pharm Courses I & II Semesters
 - a) Computers and Digital Tools in Pharmacy theory and practical for I B Pharm I Semester.
 - b) Professional Communication and Presentation Skills theory and practical for I B Pharm I Semester.
 - c) Health and Wellness, Yoga and Sports for I B Pharm I Semester.
 - d) AI & Python programming for pharmacy – I theory and practical for I B Pharm II Semester.
 - e) Ethics and Universal Human Values theory for I B Pharm II Semester.



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Suggestion:

- The members of the Board of Studies reviewed the proposed I B. Pharm – I & II Semester curriculum and appreciated the inclusion of courses that align with the latest PCI model syllabus (Regulation 2020) and NEP 2020 guidelines.
- The members also suggested that the AI & Python Programming for Pharmacy – I course include practical exercises demonstrating the use of AI in drug discovery, prescription analysis, and patient data management.
- Members proposed that the continuous internal evaluation (CIE) for these subjects should include activity-based assessments, lab reports, and project presentations to encourage applied learning.

Resolution:

- All the above suggestions were incorporated into the syllabus for the I B. Pharmacy program (I & II Semesters) in accordance with Pharmacy Council of India (PCI) and National Education Policy (NEP) 2020 guidelines, effective from the Academic Year 2025–2026.
- After incorporating the members' suggestions, the course-wise syllabi were approved by the Board of Studies (BOS).

Item 6:

Screening Methods - II, PC-7: Pharmacological drug development, PC-8: Clinical

- Finalization of Syllabus for I M. Pharm Courses Pharmaceutics & Pharmaceutical Technology I & II Semesters:
 - a) Research Paper Writing theory for I M Pharm I Semester.
 - b) Computer Aided Drug Delivery Systems theory for I M Pharm I Semester.
 - c) Entrepreneurship Management for I M Pharm II Semester.

Suggestion:

- The members of the Board of Studies reviewed the proposed syllabus for I M. Pharm (Pharmaceutics & Pharmaceutical Technology) for both I and II Semesters and appreciated its alignment with the latest PCI Model Curriculum and the JNTU-GV, R25 regulations.
- The Board emphasized that the inclusion of Research Paper Writing (theory) in the I Semester is essential to strengthen students' understanding of scientific writing, research methodology, plagiarism avoidance, and ethical publication practices.
- The members reviewed the Computer Aided Drug Delivery Systems (CADD) course and suggested that it should include recent advances in molecular modeling, pharmacokinetic



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simulations, and AI-driven formulation optimization tools, to ensure students gain exposure to digital and computational techniques relevant to modern pharmaceutics.

- The Board recommended updating course outcomes (COs) to align with Outcome-Based Education (OBE) and ensuring CO-PO mapping for accreditation readiness (NBA/NAAC).

Resolution:

- The Board of Studies (BOS) approved the **finalized syllabus** for the courses under **I M. Pharmacy (Pharmaceutics & Pharmaceutical Technology)**, incorporating the above suggestions, effective from the **Academic Year 2025–2026**.

Item 7:

- Finalization of Syllabus for I M. Pharm Courses Pharmacology I & II Semesters
 - a) PC-1: Modern Pharmaceutical Analytical Techniques, PC-2: Modern Pharmacology-I, PC-3: Pharmacological and Toxicological Screening Methods - I, PC-4: Analytical and Cellular Pharmacology for I M. Pharm I semester.
 - b) Practical-1: Analytical and Cellular Pharmacology Practical, Practical-2: Modern Pharmacology Practical for I M. Pharm I semester.
 - c) Research paper writing for I M. Pharm I semester.
 - d) PC-5: Modern Pharmacology - II, PC-6: Pharmacological and Toxicological Screening Methods - II, PC-7: Pharmacological drug development, PC-8: Clinical Research and Pharmacovigilance for I M. Pharm II semester.
- e) Practical-3: Bioassays Practical, Practical-4: Pharmacological drug development Practical for I M. Pharm II semester.
- f) Entrepreneurship Management for I M. Pharm II semester.

Suggestion:

- Include recent advances in neuropharmacology, molecular pharmacology, pharmacogenomics, and computational drug design as part of elective topics or seminar discussions.
- Recommended updating experimental protocols with advanced software tools and cell-based assay techniques to align with current GLP and OECD standards.

Resolution:

- All the above suggestions were **incorporated into the curriculum of I M. Pharmacy programs (I & II Semesters)** in accordance with the Pharmacy Council of India (PCI) and National Education Policy (NEP) 2020 guidelines, and the same was **approved by the Board of Studies (BOS)**, effective from the **Academic Year 2025–2026**.



Item 8:

- Finalization of Syllabus for M. Pharm – Pharmaceutical Analysis I & II semesters.
 - a) PC-1: Modern Pharmaceutical Analytical Techniques, PC-2: Advanced Pharmaceutical Analysis, PC-3: Pharmaceutical Validation, PC-4: Food and Neutraceutical Analysis for I M. Pharm I semester.
 - b) Practical-1: Modern Pharmaceutical Analytical Techniques Practical, Practical-2: Food Analysis Practical for I M. Pharm I semester.
 - c) Research paper writing for I M. Pharm I semester.
 - d) PC-5: Advanced Instrumental Analysis, PC-6: Modern Bioanalytical Techniques, PC-7: Quality control and Quality assurance, PC-8: Herbal and cosmetic analysis for I M. Pharm II semester.
 - e) Practical-3: Advanced Pharmaceutical Analysis Practical, Practical-4: Herbal and cosmetic analysis Practical for I M. Pharm II semester.
 - f) Entrepreneurship Management for I M. Pharm II semester.

Suggestion:

- BOS members recommended inclusion of modern chromatographic and hyphenated techniques and software-based data processing modules.
- Suggested introduction of case-based studies for validation and QA/QC.

Resolution:

- The Board unanimously resolved to approve the proposed syllabus for I M. Pharm (Pharmaceutical Analysis) I & II Semesters with the above recommendations and modifications.

Item 9:

- Finalization of Syllabus for I Pharm D Programme.
 - a) General Dispensing Pharmacy theory and practical for I Pharm D.
 - b) Computational tools in pharmacy practice theory and Practical for I Pharm D.
 - c) Effective communication skills Practical for I Pharm D.

Suggestion:

- BOS members recommended emphasis on hands-on dispensing practice and digital prescription handling.
- It was also recommended to update laboratory manuals and internal evaluation criteria to reflect current professional and regulatory requirements.



- To revise and strengthen the courses for I Pharm D in order to improve pedagogical effectiveness, technological integration, and professional competency development.

Resolution:

- All the above suggestions were incorporated in the curriculum program I Pharm D as per PCI and NEP Guidelines effective from the academic year 2025-2026 and **approved the course wise syllabus.**

Item 10: *Curriculum and practical examinations in accordance with the institutional and university norms*

- To discuss and suggest Teaching–Learning Methodology, Co-Curricular and Extra-Curricular Activities.

Suggestion:

- Promote blended learning (offline + LMS-based).
- Organize seminars, FDPs, workshops, industrial visits, and skill enhancement programs.
- Encourage student participation in health camps and social outreach.
- Encourage students and faculty to enroll in and complete NPTEL courses to enhance subject knowledge and certification value.
- For M. Pharm projects, it should be mandatory to publish at least one paper in a Scopus-indexed journal.

Resolution:

- It was **approved to implement innovative teaching and learning methods**, including ICT-enabled teaching, case studies, and project-based learning.
- The Board also recommended scheduling at least one academic or co-curricular event per semester and encouraging students to engage in online learning platforms to enhance their knowledge and skills.

Item 11:

- To discuss and suggest examiners for Paper Setting and Evaluations.

Suggestions:

- Members emphasized that the selection of examiners must strictly adhere to institutional and university guidelines, ensuring fairness, transparency, and academic integrity in the examination process.
- It was suggested that **paper setters and evaluators** should possess adequate teaching and research experience in the relevant subject area, preferably at the level of **Associate Professor**.



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or above, and should have expertise in outcome-based question paper design as per Bloom's Taxonomy.

- The importance of maintaining strict confidentiality in paper setting and adherence to examination protocols was also reiterated.

Resolution:

- It was **resolved** that a panel of qualified examiners be prepared for paper setting and evaluation of theory and practical examinations in accordance with the institutional and university norms.

Item 12:

- To discuss on other Academic Matters

Suggestions:

- BOS members suggested introducing value-added courses, certificate programs, and specialized workshops focusing on advanced pharmaceutical technologies, regulatory affairs, emerging trends in drug delivery systems, clinical data management, and soft skills development for M Pharmacy program.

Resolution:

- The Board reviewed and approved the proposal to initiate at least one certificate or value-added course each semester, ensuring relevance to contemporary pharmaceutical advancements and healthcare needs.
- Departments were advised to collaborate with industry experts and academic partners for course design, delivery, and evaluation, thereby promoting experiential and skill-oriented learning.

Item 13:

- To discuss other miscellaneous Issues

Suggestion:

- The Board recommended the establishment of Memoranda of Understanding (MoUs) with reputed pharmaceutical industries, hospitals, research institutions, and healthcare organizations to facilitate collaborative research, student training, internships, and consultancy projects.
- These partnerships would enhance experiential learning, strengthen academia–industry linkages, and promote innovation-driven education.

Resolution:

- The Board approved proceeding with the formulation and signing of MoUs with relevant partners.



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- It was resolved to prioritize collaborations that offer opportunities for student internships, industrial visits, joint research initiatives, and faculty development programs.
- The institution will also monitor the implementation and outcomes of such collaborations to ensure measurable academic and professional impact.

Attendance Sheet

S.No	NAME OF THE MEMBER & AFFILIATION	Signature
1	Dr. V. Girija Sastry Professor of Pharmacy A.U College of Pharmaceutical Science, Andhra University Visakhapatnam-530023	APPROVED ON NOV 10 2025
2	Dr. P Ramalingam., Associate Professor & Head i/c Department of Pharmaceutical Analysis National Institute of Pharmaceutical Education and Research (NIPER) – Hajipur	APPROVED ON NOV 10 2025
3	Dr. Arya Lakshmi Marisetti Assistant Professor DIPSAR Campus, Mehrauli	APPROVED ON NOV 10 2025
4	Dr. K. Eswar Kumar Professor of Pharmacology Andhra University, Visakhapatnam.	APPROVED ON NOV 7 2025
5	Mrs. Leela Rani Alla Director, Lee Pharma Ltd, Visakhapatnam	APPROVED ON NOV 9 2025
6	Dr. G. Durga Sai Chaitanya Team Lead, Galaxy Clinical Research Services, Visakhapatnam	APPROVED ON NOV 10 2025
7	Dr. Gandi Satyanarayana Professor of CSE and Dean-Academics Avanthi Group of Colleges	<i>6/11/2025</i>
8	Dr. M. Pavani Professor Head & BOS Chairperson Avanthi Institute of Pharmaceutical Sciences, Vizianagaram	<i>M. Pavani</i>



All other Department Members

1. A.H.V. Santhoshi
2. Y.V. Vandana
3. S. Ravani
4. V. Deepika
5. S. Savani
6. Dipali
7. B. Chaitanya
8. Madhu
9. K. S. Prerna Jyoti Mangat
10. R. Meher Jyoti
11. V. Meera Jyoti
12. Meera Jyoti
13. B. Meera
14. S. Chandru
15. N. Meeta Devi
16. Ch. Jayanthi
17. Meera
18. Jyoti

M. parani
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