



St. John College of Humanities and Sciences

ALDEL EDUCATION TRUST'S
AUTONOMOUS
(A Christian Religious Minority Institution)
Affiliated to University of Mumbai



NAAC Accredited with Grade 'B++'

Minutes of the Meeting

Minutes of the meeting of Board of Studies in Chemistry held on **09/03/2026**.

Timing : 02:00 pm to 04:00 pm

Mode : Online

The following members were present:

Departmental Faculty Members		Attendance
Mrs. Namrata Jha	Chairperson of BOS, Asst. Professor	Online
Mrs. Priyanka Save	Asst. Professor, St. John College of Humanities and Sciences	Online
Miss. Priya Singh	Asst. Professor, St. John College of Humanities and Sciences	Online
External Members:		
Prof. Dr. Rajesh A. Samant	Professor, K.C. College	Online
Dr. Aqeela A. Sattar Qureshi	Head & Associate Professor Royal College	Online
Dr. Bapu Thorat	Asst. Professor, Dr. Babasaheb Ambedkar Marathawada University, Chhatrapati Sambhajinagar	Granted Leave of Absence
Mr. Sanjay Berad	Industrial Expert Sr. Manager, T2 & T3 Site Head, Lupin	Online
Mr. Aman Rai	Alumni	Online

Welcome Address:

The meeting commenced with a welcomed both the External and Internal members and brief them about the agenda by Mrs. Namrata Jha, Chairperson of the Chemistry BOS.

Agenda of the Meeting:

- To review, discuss, finalize and approve the proposed credit structure distribution as per NEP 2020 guidelines and institutional autonomy framework.
- To review and discuss the approval of Odd and Even Semester Syllabus.
- To discuss and review the Evaluation pattern, Exam paper pattern and Assessment methods and finalization for panel of Examiners for theory and lab courses for Academic Year 2026 – 27
- Any Other Matter



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Introduction :

Mrs. Namrata Jha presented an overview of the meeting's objectives, underlining the importance of aligning the curriculum with NEP 2020 and the autonomy framework. Emphasis was laid on academic productivity, pedagogy reform, and assessment revision based on Outcome-Based Education (OBE).

Agenda-wise Discussions:

Agenda 1: Review, Discuss, Finalize, and Approve Proposed Credit Structure Distribution (NEP 2020 & Institutional Autonomy)

Discussed that:

- Proposed a new credit structure for the B.Sc. Chemistry programme (AY 2026–27) under NEP 2020 guidelines and institutional autonomy.
- T.Y.B.Sc. Chemistry credit structure will remain unchanged, following the University of Mumbai Credit structure.
- The Board discussed the credit allocation for Co-Curricular (CC) activities for the 2025–2028 batch. While The proposal suggested a distribution of 2 credits in Semester III and 4 credits in Semester IV.

Recommended that:

- Rather than the initial 2/4 split, the board recommended an equal distribution of 3 credits each for Semester III and Semester IV.

Resolved that:

- The revised credit structure was **approved**. It will be incorporated and presented before the Academic Council for final approval.

Agenda 2: Review and Approval of Odd and Even Semester Syllabus

Discussed that:

A comprehensive review of the theory and practical syllabi for F.Y. and S.Y.B.Sc. was conducted.

Recommended that:

F.Y.B.Sc. Curriculum Updates

- Theory:** The current syllabus was reviewed and found to be comprehensive; **no changes** were proposed for Semester I and II.
- Practical:** * To enhance students' analytical skills, the curriculum will now include **five additional mixtures** in both **Organic Spotting** and **Semi-Micro Analysis** experiments instead of three.



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- **Vocational Skill Course (VSC):** * New practical demonstrations were added focusing on fundamental electrochemistry, specifically the **preparation of salt bridges** and the **calibration of potentiometers**.

S.Y.B.Sc. Curriculum Updates

Theory: The Board decided to remove the "Double Beam Spectrophotometer" from the core theory Progressive Physical & Analytical Chemistry III. The syllabus will now focus on providing a foundation in Introductory Spectrophotometry.

Practical: For VSC : In a move to bridge the gap between academia and industry, the Board recommended the inclusion of **HPLC (High-Performance Liquid Chromatography)** or **GC (Gas Chromatography)** demonstrations within the Separation Techniques practical. Along with that Ion Exchange practical are suggested to include.

Resolved that:

The revised syllabus, incorporating these technical updates and practical enhancements, was formally approved by the Board for implementation in the 2026–27 Academic Year. It will be further presented before the academic council for final approval.

Agenda 3: Evaluation Pattern, Exam Paper Pattern, Assessment Methods, and Panel of Examiners (AY 2026–27)

Discussed that:

- 60:40 examination pattern to be followed for F.Y. and S.Y. courses as per NEP guidelines.
- The question paper pattern for the Even Semester 2025–26 was presented, as the question paper pattern followed in the Odd Semester was found to be unsatisfactory. It was proposed that the revised pattern used in the Even Semester 2025–26 will continue to be followed for the Academic Year 2026–27. List of Board of Examiners and Moderators was discussed.
- QnSmarti software introduced for question paper preparation.
- The evaluation pattern for theory and practical courses was presented and approved. The assessment will consist of **Internal Examination (20 Marks)** and **Semester End Examination (30 Marks)** for theory courses. For practical courses, the evaluation will include **Demonstration/Mini Project or Field/Industrial Visit, Viva, Quiz/Report, Practical Performance, and Journal**, totaling **50 Marks**.

Recommendation:

- Include small one-liner or definition-based questions in all sub-questions to encourage conceptual understanding and concise responses.

Resolved that:

- Board approved the proposed examination pattern, evaluation components, and recommendations for implementation from Even Semester 2025–26. It will be further presented in Academic Council for Final Approval.



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Agenda 4 : Academic Productivity and Outcome-Based Education (OBE)

Discussed that:

- Reviewed teaching–learning practices for enhancing student outcomes.
- Methods discussed: Case Studies, Student Presentations, Problem-Based Learning, Flipped Classroom, Group Discussions, NPTEL/SWAYAM courses, and Field Visits.

Recommended that:

- The college must obtain **prior written consent** from the respective SWAYAM/NPTEL authorities Council before holding any institutional-level exams for these courses for Credit transfer.

Resolved that:

- Continued use of these pedagogical practices recommended to strengthen OBE implementation and the recommendation will be presented before the academic council for further discussion & Approval.

Agenda 5 - Any Other Matter: Proposed Certificate Course – AI, Data Analytics & Career Skills

Discussed that:

- Proposed certificate course covering:
 - Prompt engineering
 - AI for research
 - Data analytics concepts
 - Interview preparation & professional skills

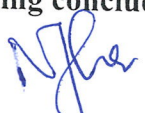
Recommended :

- Mr. Berad an Industrial expert suggested also recommended to include Certificate course like “Data Integrity for Industry.”

Resolved that:

- The BoS approved the proposed certificate course with the above recommendation, the same will be forwarded to the Academic Council for further approval.

The Meeting concluded with a Vote of thanks by Chairperson.


Chemistry , BoS Chairperson




Principal