



Pimpri Chinchwad Education Trust's
Pimpri Chinchwad College of Engineering
Nigdi, Pune – 411 044

Minutes of Meeting: 7th Board of Studies on 25th July 2023

Department: Applied Sciences and Humanities (AS & H) Academic Year: 2023-24

Semester: I

Date: 25/07/2023

The Seventh meeting of the Board of Studies of the Department of AS & H (PCCoE) was held on Tuesday 25/07/2023 at 11:00 am in online mode, using Google Meet Link:

<https://meet.google.com/fqw-ffjb-aum>

The following BoS members were present:

Sr. No.	Name	Designation
1.	Dr. Sanjivani Sonar HoD, (AS & H, PCCOE)	BoS Chairman
2.	Dr. Sunit Rane, Senior Scientist, Centre for Materials for Electronics Technology (C-MET), Pune	Industry Representative
3.	Dr Sumit B Sharma Associate Professor, Dept. of Chemistry, M. E. S. College of Engineering, Pune	University Nominee
4.	Dr. Madhuri Gokhale Associate Professor, Department of English Fergusson College, Pune	Invitee Expert
5.	Dr. Leena Sharma Associate Professor, (AS & H, PCCOE)	Subject Head -Mathematics
6.	Dr. Priya Joshi, Associate Professor, (AS & H, PCCOE)	Subject Head -Chemistry
7.	Dr. Sandeep Patil, Assistant Professor, (AS & H, PCCOE)	Subject Head (HSMC)
8.	Mrs. Anjali Sakurkar, Assistant Professor, (AS & H, PCCOE)	Subject Head -Engineering Physics
9.	Dr. Sonali Kale	Associate Professor
10.	Ms. Falguni Bhavsar	Assistant Professor

Leave of absence was granted to following Members:

Sr. No.	Name	Designation
1.	Mr. Durgesh Pawar Toyota Motor Europe, Belgium	UG Alumnus

Agenda for the meeting: -

1. Welcome and Introduction of BoS Members
2. Confirmation of Last BoS Meeting held on 29th May, 2023
3. Proposed Curriculum Structure as per NEP 2020
4. Proposed F.Y B. Tech Curriculum Structure and Syllabus
5. Any other related point
6. Vote of Thanks

BoS: 07: 01: Welcome and Introduction of BoS Members

On behalf of the AS & H department, Dr. Priya Joshi welcomed all the external and internal BoS members and handed over to Dr. Sanjiwani Sonar, HOD, AS & H Department.

Dr. Sanjiwani welcomes all members once again and set the stage by explaining the agenda points.

BoS: 07: 02: Confirmation minutes of Last BoS meeting held on 29th May, 2023

Dr. Priya Joshi presented the agenda of the sixth BoS meeting dated 29th May, 2023 and significant actions taken based on suggestions received by BoS members.

Resolution R-BoS: 07:02:

The BoS resolved to approve the minutes of the sixth meeting of the Board of Studies and actions taken thereafter.

BoS: 07: 03: Proposed Curriculum Structure as per NEP 2020

The structure suggested in GR of Govt. of Maharashtra (NEP-2022/105/03 dated 4th July).

Dr. Priya Joshi presented the proposed curriculum structure as per NEP 2020.

She started with the comparison of courses offered under AS & H as per the existing curriculum and new revised curriculum.

The existing structure is of comprised of following courses:

- Basic Science Courses including open electives
- Humanities, Social Sciences and Management Course (HSMC)
- Audit Course (AC)
- Life Skill (LS) courses

The curriculum has been designed as per the GR received in July 2023. As per NEP guidelines, the credit distribution is implemented

The revised structure for F. Y. B. Tech as per NEP is of comprised of following courses:

- Basic Science Course (BSC) of 14 credits
- Ability Enhancement Course (AEC) – HSSM of 4 credits
- Co-curricular Courses (CC)-Liberal Learning Course of 4 credits

Note: Annexure 1 as List of courses is attached.

The meeting was opened for opinions of the BoS members and further discussion.

Discussions:

1. All BoS members welcomes the decision of implementing NEP

Resolution R-BoS: 07:02:

BoS members approved the syllabus structure.

BoS: 07: 04: Proposed F.Y B. Tech Curriculum Structure and Syllabus like:

- Basic Science Course (BSC) of 14 credits

Linear Algebra and Univariate Calculus (LAUC)- 3 credits, Multivariate Calculus (MC) - 3 credits,
Engineering Chemistry- 4 credits, Engineering Physics- 4 credits

- Ability Enhancement Course (AEC) – HSSM of 4 credits

AEC01- 2 credits, AEC-02- 2 credits

- Co-curricular Courses (CC)-Liberal Learning Course of 4 credits

Life skill 1- 2 credits, Life skill 2- 2 credits,

The meeting was continued with the presentation by the respective course coordinators for their courses.

Discussions:

Dr. Sonali Kale, Course Coordinator (Physics) presented the course syllabus to BOS Members.

1. Dr. Sunit Rane suggested few points in the physics syllabus. The topics like band theory of solids, Lasing action are essential as basics therefore these topics can be included in the syllabus. Topics like Hall effect, solar cell can be a part of practical. In addition, sir also suggested for inclusion of multi-disciplinary courses may be as minor courses which can be helpful to students in future.

2. Dr. Priya Joshi presented syllabus of Engineering Chemistry as course coordinator

BOS members were suggested to curtail the syllabus like impurities of water, instrumentation of IR, Octane and Cetane numbers, Reaction mechanism of polymerization.

Inclusion of Mini project in lieu of five experiments out of ten experiments in engineering chemistry laboratory is done.

3. Dr. Sandeep Patil as course coordinator, for Ability Enhancement Course (AEC) – HSSM presented syllabus.

- HSMC Courses such as English 1, English 2, Business Communication, Business Storytelling, and Technical Writing were discussed in detail.
- Dr. Madhuri Gokhale, Fergusson College, Pune suggested rearrangement of some sub-topics in the 2nd and 4th units of Business Communication course the same was accepted by all.
- The contents of the course named Business Communication, a course with two credits, were discussed. The course is to be introduced in second semester to cater to the needs of students who are interested to study business communication.
- Life skills1 and life skills 2 courses to be introduced under Liberal Learning Courses with two credits in each semester were discussed and all reached to an agreement to accept the course contents and deliver it in practical sessions.
- German 1 and German 2 courses were presented and minor changes were suggested in the courses German 1 and German 2 such as rearrangement of 3rd and 4th units.

- A course in Sanskrit to be introduced with two credits was discussed in the meeting. Suggestions received from Prof Amruta Kulkarni, MITWPU, for the Sanskrit language course was accepted.
- Mrs Priyanka Garg proposed vote of thanks at the end of the meeting.

4. Dr. Leena Sharma and Mrs. Ashwini Vaze presented syllabus of Linear Algebra and Univariate Calculus (LAUC) and Multivariate Calculus (MC)

BoS meeting has been conducted with Dr. A. Warke [Deputy Director, Symbiosis College, Pune] for LAUC and MC

Dr. Warke madam has suggested following suggestions:

A. LAUC

- For applications of differential equations of FOED, Kirchoff's law in electrical circuits should be restricted to first order differential equations only.
- One dimensional heat conduction should be restricted to the steady state case.

B. MC

- Euler's theorem and Jacobian should be included in the unit of Partial Differentiation. [Included in syllabus]
- Classification of PDE should be included in Unit of PDE [Included in syllabus]

Resolution R-BoS: 07:04:

1. It was resolved that as per the opinions of the BoS members, the department will implement the suggestions in the syllabus.
2. The revised syllabus was sent to BoS members and received their approval.

BoS: 07: 08: Vote of Thanks:

Dr. Sonali Kale thanks all the BoS members for their valuable time and suggestions.

The meeting was ended by Vote of Thanks


Dr. Priya Joshi
Autonomy Coordinator


Dr. Sanji Vani Sonar
BoS Chairman, AS & H

Note*

- Annexure 1 as List of courses is attached.

***Annexure 1 - List of Courses under Department of AS & H**

Sr. No.	Course Code	Name of Course
Basic Science Course (BSC)		
1	BSH21A01	Linear Algebra and Univariate Calculus
2,3	BSH21A02 & BSH22A02	Engineering Physics
4,5	BSH21A03 & BSH22A03	Engineering Physics Laboratory
6,7	BSH21A04 & BSH22A04	Engineering Chemistry
8,9	BSH21A05 & BSH22A05	Engineering Chemistry Laboratory
10	BSH22A06	Multivariate Calculus
Ability Enhancement Course (AEC) – HSSM		
1	BSH21H01	English 1
2	BSH21H02	German 1
3	BSH21H03	Japanese 1
4	BSH21H04	Business Story telling
5	BSH22H05	English 2
6	BSH22H06	German 2
7	BSH22H07	Japanese 2
8	BSH22H08	Technical Writing

9	BSH22H09	Business Communication
10	BSH22H10	Marathi
11	BSH22H11	Sanskrit
Co-curricular Courses (CC)-Liberal Learning Course		
1	BSH21K01	Life Skill 1
2	BSH22K01	Life Skill course II