

	Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering Nigdi, Pune – 411 044	
Minutes of Meeting for Board of Studies-5		

Department: Applied Sciences and Humanities (AS & H)

Academic Year: 2023-2024

The fifth BoS meeting was held at Conference Hall at Fifth Floor of Academic Building of Department of AS & H, Pimpri Chinchwad College of Engineering (PCCOE) on **29th May 2023 at 10.00 am.**

Following BoS members were present:

Sr. No.	Name	Designation
1.	Dr. Sanjivani Sonar HoD, (AS & H, PCCOE)	BoS Chairman
2.	Dr. Leena Sharma Associate Professor, (AS & H, PCCOE)	Subject Head -Mathematics
3.	Dr. Sandeep Patil, Assistant Professor, (AS & H, PCCOE)	Subject Head (HSMC)
4.	Dr. Sanjivani Sonar HoD, (AS & H, PCCOE)	Subject Head -Engineering Chemistry
5.	Dr Sumit B Sharma Associate Professor, Dept. of Chemistry, M. E. S. College of Engineering, Pune	University Nominee

The said meeting was conducted in online mode with following BOS members.

Sr. No.	Name	Designation
1.	Dr. Sunit Rane, Senior Scientist, Centre for Materials for Electronics Technology (C-MET), Pune	Industry Representative
2.	Dr. Arundhati S Warke Professor, Engineering Mathematics, Symbiosis Institute of Technology, Pune	Subject Expert (Engineering Mathematics)

Leave of absence was granted to following Members:

Sr. No.	Name	Designation
1.	Mr. Durgesh Pawar Toyota Motor Europe, Belgium	UG Alumnus
2.	Dr. Madhuri Gokhale Associate Professor, Department of English Fergusson College, Pune	Invitee Expert

Agenda for the meeting was as follows:

- Discussion on Reframing of Course Outcomes (COs) for following subjects
 - Mathematics- **Courses of Mathematics for F. Y. B.Tech, S. Y. B. Tech, T. Y. B. Tech (Applied Mathematics and Open Electives)**
 - Engineering Chemistry- **For F. Y. B. Tech**
 - Engineering Physics- **For F. Y. B. Tech**
 - HSMC- **Courses of HSMC and Life Skill for F. Y. B. Tech, S. Y. B. Tech, T. Y. B. Tech**
 - Audit courses- **Courses for S. Y. B. Tech**

***List of Courses as Annexure 1 is attached**

- Discussion for Changes in duration according to number of credits allotted to courses as per policy:
Theory course- 1 credit-15 hrs. 2 credits- 30hrs. 3 credits-45hrs and 4 credits-45hrs
Laboratory course- 1 credit- 30 hrs, 2 hrs- 60 hrs
- Any other points with the permission of the chair.

Discussions held in the meeting:

The Summary of proposed changes in course outcomes and contact hours (Duration) for concerned courses as per policy was discussed in the meeting.

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

- **To approve the changes in Course Outcomes and Duration (Contact Hours) as per policy:**

Course coordinators of Engineering Mathematics, Physics, Chemistry, Mini Project and Basic Innovation [MPBI] and HSMC were presented their Reframed Course outcomes with assessment tools and increased contact hours as per credit for the courses of First Year, Second Year and Third Year B. Tech.

Discussion:

The discussion was based on the syllabus, course outcomes and assessment tools.

All BoS members accepted and approved Reframed Course outcomes of courses and increased contact hours as per credit for courses under AS & H Department for Ac. Yr. 23-24.

The meeting was continued for open thoughtful discussions on the need of minor changes as per course requirement based on future perceptions.

The meeting was ended by Vote of Thanks

Dr. Sanjiwani Sonar

BoS, Chairman (AS & H)

Note*

- **Annexure 1 as List of courses is attached.**
- **Annexure 2 as Points discussed with BoS members in the meeting**

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

Sr. No.	Course Code	Name of Course
1	BFE1207	Linear Algebra and Univariate Calculus
2	BFE1208	Linear Algebra & Univariate Calculus tutorial
3	BFE2209	Multivariate Calculus
4	BFE2210	Multivariate Calculus tutorial
5	BFE1204, BFE2204	Engineering Chemistry
6	BFE1205, BFE2205	Engineering Chemistry Laboratory
7	BFE1202, BFE2202	Engineering Physics
8	BFE1203, BFE2203	Engineering Physics Laboratory
9	BFE1101	English 1
10	BFE1102	Japanese 1
11	BFE1103	German 1
12	BFE1109	Business Story telling
13	BFE2104	English 2
14	BFE2105	Japanese 2
15	BFE2106	German 2
16	BHM2110	Technical Writing
17	BHM2107	Marathi
18	BHM2108	Self healing Psychology

19	BFE1702	Mini project & basics of innovation
20	BFE1901	Life Skill course I
21	BFE2901	Life Skill course II
S. Y. B.Tech		
1	BAS3205	Applied Mathematics [COMP/IT/Regional]
2	BAS3201	Applied Mathematics [Mechanical]
3	BAS3203	Applied Mathematics [E&TC]
4	BAS3204	Applied Mathematics [Civil]
5	BAS3202	Statistics and Probability
6	BAS3206	Data Analysis Using R
7	BAS4601	Numerical Methods
8	BAS4606	Neural Networking and Fuzzy Logic
9	BAS4602	Mathematical Optimization
10	BAS4603	Calculus of Variation
11	BAS4605	Financial Mathematics
12	BAS4604	Mathematical Modeling and Simulation
13	BHM3101	Universal Human Values
14	BHM4101	Professional Skills for Engineers
15	BHM9961	Environmental Science
16	BHM9962	Constitution of India
17	BHM9963	Emotional Intelligence
18	BHM9964	Entrepreneurship Development
19	BHM9965	Research Article Writing

20	BHM3939	Life Skills-III
21	BHM4940	Life Skills-IV
T. Y. B. Tech		
1	BAS5607	Statistical Data Analysis using R (OEC-2)
2	BAS6608	Multivariate Data Analysis using R (OEC-3)
3	BHM5113	Principles of Management
4	BHM6114	Project Management
5	BHM6115	Financial Management
6	BHM6116	Entrepreneurship Development
7	BHM5917	Proficiency Development Training-I
8	BHM6918	Proficiency Development Training-II

***Annexure 2 as Points discussed with BoS members in the meeting**

Sr. No.	Course Name	Course Code	Minutes of Meeting	Points regarding Modifications
1	Engg. Chemistry	BFE1204/2204 & BFE1205/BFE2205	Approval for 1. Proposed Reframed COs of Engineering Chemistry and Engineering Chemistry laboratory (BFE1204/2204 & BFE1205/BFE2205) 2. Proposed Increased contact hours as per credit (4 credits=60 contact hours for BFE1204/2204) was the agenda for BoS in Engg Chem. The reframed COs along with their assessment tools were discussed with Dr. Sumit Sharma.	The new proposed COs and distribution of contact hours/no. of lectures among 6 units for the subject were approved.
2	Engg. Physics	BFE1202/2202 & BFE1203/2203	Approval for 1. Proposed Reframed COs of Engineering Physics-Theory and Laboratory Course (BFE1202/2202 & BFE1203/BFE2203) 2. Proposed contact hours as per credit (4 credits=60 contact hours for BFE1202/2202) was the agenda for BoS in Engg Physics The reframed COs along with their assessment tools were discussed with Dr. Sunit Rane. The meeting was conducted in online mode	The new proposed COs and distribution of contact hours/no. of lectures among 6 units for the subject were approved.
3	Mathematics	BFE1207: Linear Algebra and Univariate	1. Detailed syllabus was discussed.	1. No change in the syllabus.

		Calculus BFE2209:Multivariate Calculus BAS3205:Applied Mathematics [COMP/IT/Regional] BAS3201:Applied Mathematics [Mechanical] BAS3203:Applied Mathematics [E&TC] BAS3204:Applied Mathematics [Civil] BAS3202:Statistics and Probability BAS3206:Data Analysis Using R BAS4601:Numerical Methods BAS4606:Neural Networking and Fuzzy Logic BAS4602:Mathematical Optimization BAS4603:Calculus of Variation BAS4605:Financial Mathematics BAS4604:Mathematical Modeling and Simulation BAS5607:Statistical Data Analysis Using R	2. Reframing of CO statements as per bloom taxonomy is suggested by experts.	2. Minor Changes were done in CO statements.
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4	HSMC & Life Skill	1. English 1 - BFE1101 2. English 2 - BFE2104 3. Business Storytelling - BFE1109 4. Technical Writing – BFE2110 5. Life Skill 1 & 2- BFE1901 & BFE2901	1. Minor changes in action verbs of course statements were proposed and presented. 2. The same were approved 3. The number of contact hours was modified as 1 credit for 15 hrs.	1. Changes in Course statements (Action Verbs) 2. Number of contact hours.
		6. Universal Human Values - BHM3101 7. Professional Skills for Engineers - BHM4101	1. Minor changes in action verbs of course statements were proposed and presented. 2. The same were approved 3. The number of contact hours was modified as 1 credit for 15 hrs.	1. Changes in Course statements (Action Verbs) 2. Number of contact hours.
		8. Principles of Management - BHM5113 9. Project Management - BHM6114 10. Financial Management - BHM6115 11. Entrepreneurship Development - BHM6116	1. Minor changes in action verbs of course statements and reframing of course objectives were proposed and presented. 2. Minor changes such as rearrangement of the subtopics in the unit number 1,2 and 4 of the course Principles of Management - BHM5113 were proposed 3. The title of unit number 2 was changed BHM5113 of the course Principles of Management - BHM5113 was proposed 4. Change in the course objectives and course	1. Minor changes in action verbs of course statements and reframing of course objectives along with rearrangement of the subtopics in the unit number 1,2 and 4 of the course Principles of Management - BHM5113. 2. The title of unit number 2 was changed of the course Principles of Management - BHM5113. 3. Change in the course objectives and course outcomes along

			outcomes along with title of second unit of Project Management - BHM6114 was proposed. 5. Rearrangement of subtopics was proposed in 1 and 2 unit of the course Project Management - BHM6114 6. Changes in course outcome and the title of first unit of the course Entrepreneurship Development - BHM6116 was proposed. 7. Changes in Course outcome of the course Financial Management - BHM6115 were proposed. 8. Subtopics were rearranged in the unit number of 1,2,3 and 4 with minor changes were proposed for the course Financial Management - BHM6115. 9. Contact hours of all the above courses were updated as 1 credit for 15 hrs.	with title of second unit of Project Management - BHM6114 4. Rearrangement of subtopics was proposed in 1 and 2 unit of the course Project Management - BHM6114 5. Change in Course outcome of the course Financial Management - BHM6115 along with rearrangement of subtopics in the unit number of 1, 2, 3 and 4. 6. Contact hours of courses - Principles of Management - BHM5113, Project Management - BHM6114, Financial Management - BHM6115. Entrepreneurship Development - BHM6116 were updated as 1 credit for 15 hrs.
5	Mini Projects and Basics of Innovation (MPBI)	BFE1701/BFE2702	1. Proposed change in Total number of Units 6 to 3 by deleting some topics in existing syllabus and adjusting remaining topics in 3	1. Topics removed 2. Unit II Publication Platforms 3. Unit III Structure of Concept notes 4. Unit IV Introduction to

			units. 2. Allotting the conduction hours accordingly. being 2 credit practical course, Course conduction hours considered = 60 hrs 3. Reducing the Theory conduction hours 4. Adding Quiz in the assignments and deleting the assignment on design thinking	Design thinking (whole unit) 5. Unit VI -Basics of entrepreneurship (whole unit) Theory hours are reduced from 12 hrs to 10 hrs. Assignment on design thinking is removed
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