

COEP TECHNOLOGICAL UNIVERSITY, PUNE
A Unitary Public University of Government of Maharashtra
(formerly College of Engineering Pune)
Chhatrapati Shivajinagar, Pune - 411005.



School of Transdisciplinary Sciences & Management

Minutes of the School Council Meeting

Day & Date : Saturday, 20th April 2024
Timing : 11 am to 12 pm
Venue : Online via Google Meet
Chairperson : Dr Sandeep A Meshram, Dean STSM

The 4th School Council Meeting of the School of Transdisciplinary Sciences and Management (STSM) was conducted on **Saturday, 20th April 2024** in online mode and the following luminaries were invited for the same:

Chairperson

Dr. Sandeep Meshram, Dean of STSM

Members of School Council

Dr. Milind Kulkarni, C-MET (Subject Expert)

Dr. Sagar Pandit, IISER, Pune (Subject Expert)

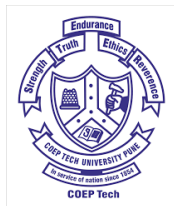
Prof. Dr. Bhaskar Shejwal, SPPU (Subject Expert)

Dr. Alok Singh, IIM Nagpur (Subject Expert)

Dr. Venkat Iyer, HB Fuller India Pune (Industry Expert)

Mr. Nandkumar Jawale (Alumni Representative)

The meeting was chaired by Dr. Sandeep Meshram, the Dean of STSM. The faculty of STSM worked incessantly in the implementation of the syllabus in line with NEP for all the courses offered from the school for the Academic Year 23-24. Dr. Mahesh Shindikar, Head of Department of Applied Sciences and Humanities, Dr. Mrunalini Phalak, Head, Department of Physics and Dr. Kshipra Moghe, Assistant Professor of Psychology were instrumental in this activity. The meeting was attended by the faculty members of STSM.



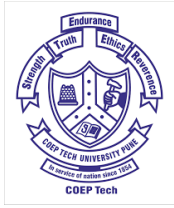
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Points Discussed in the Meeting:

1. Dr. Shindikar initiated the meeting and introduced all the luminaries of the School Council with warm greetings. He traced the journey of introducing NEP complaint syllabus for the Academic Year 23-24 for FYBTech.
2. Dr. Meshram, Dean-STSM, welcomed all the members of board and presented the rationale for the fourth meeting of STSM, and informed all members about the agenda at hand.
3. Dr. Shindikar presented the matrix of credits for first and second year (**Annexure I**) that included all the courses offered from STSM for the FYBTech. He announced the change in the Engineering Chemistry course, where out of 8 laboratory sessions, 4 were being conducted by the Metallurgy Department. However, based on experience in implementation and with mutual agreement, henceforth, all experiments in this course will be conducted by the Chemistry faculty at the Department of Applied Sciences and Humanities.
4. This was followed by the presentation on the proposed changes in the Syllabi of the following FYBTech courses (**Annexure II**) of the following courses:
 - a. Engineering Physics- minor changes in Unit 2 Theory and addition of few points in Quantum Physics course for Computer Science
 - b. Indian Knowledge System- The course was implemented successfully with the help of experts from SPPU, Deccan College, etc.
 - c. Engineering Chemistry- branch specific topics added in the syllabus for both E and M groups, such as new emerging batteries; similar changes in the Laboratory experiments emphasizing on practical applications.
 - d. Biology for Engineers- minor changes in certain terminology and rearrangement of Course Outcomes; students are encouraged to join NPTEL courses for gaining additional knowledge.
 - e. Design Thinking & Idea Lab (DTIL)- total number of topics reduced to 8 (from 10), 4 topics in each part and addition of case studies; accordingly, Course



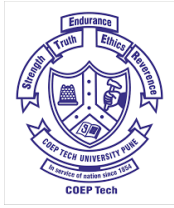
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Outcomes were revised. As per suggestions received from the School of Mechanical & Materials Engineering, Part 1 of methodology will be taught by faculty in STSM, however, Part 2 which is product development based, will be taught by industry expert from the respective branch/school.

5. Dr. Shindikar presented the structure and syllabus of the following courses to be offered to the SYBTech Engineering (**Annexure III**), which is NEP compliant and in accordance with the different Schools of Engineering:
 - a. VEC- Environmental Studies (EVS) and Constitution of India and Universal Human Values Human Values (COI/UHV) swapped internally for Sem III & IV
 - b. HSSM- Entrepreneurship Development/Indian Languages (Sanskrit/Pali) swapped internally for Sem III & IV
 - c. SEC- Design Thinking (DT) 1 credit course for Sem III to School of Electrical and Communication Engineering. It was decided that the Part 1 of this course will be taught by faculty from STSM, however following the pattern for DTIL taught in FY, it was recommended that Part 1 of methodology will be taught by faculty in STSM, however, Part 2 which is product development based, will be taught by industry expert from the respective branch/school.
 - d. OE- University level Open Elective course on Industrial Psychology will be offered in Sem V for TYBTech students at all Schools and hence will require thorough discussions & deliberations in the coming months.
6. Further, the Dean of the School presented the proposal to begin two BBA programs- BBA- BFSI and BBA- Logistics. These programs are an opportunity under the MoU signed between Department of Higher & Technical Education (DHTE, Govt of Maharashtra) and Centre for Research in Schemes and Policies (CRISP) for introducing Apprenticeship Embedded Degree Program (AEDP) under the National Initiative for Skill Integrated Higher Education (NISHE) mission. Both programs shall be run on the Academic Structure provided by CRISP which is a comprehensive module-based semester wise detailed document. The total intake will be 60 for each BBA program and



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the focus shall be on providing industry internship/apprenticeship. This comes as an opportunity for the Department of Management Studies that will allow the entry of undergraduate students in Management and open several possibilities such as admissions to MBA programs, connect with the industry, social initiatives, etc.

7. Dr. Meshram highlighted that the STSM will be soon proposing for approvals & recognition of Ph.D. guideship of the remaining eligible faculty members and sought the support of all the Council members for the same.

Suggestions/ Feedback from the Members of School Council

- Dr. Milind Kulkarni appreciated the incorporation of new emerging batteries in Engineering Chemistry as well as the emphasis on self-learning on green chemistry.
- Dr. Bhaskar Shejwal appreciated the Design Thinking course; however, he expressed concern about the excessive workload considering the lab-based nature of the course being offered to 8 different departments across semesters. He also raised a query about the issues in coordination by different faculty for Part 1 & 2. To this, Dr. Meshram, and Dr. Shindikar responded judiciously with an assurance to seek for additional help in the teaching workload and ensuring that the overall coordination of the course remains single-handed, i.e. with the STSM.
- Dr. Sagar Pandit appreciated the changes introduced in Physics.
- Dr. Alok Singh appreciated the launch of new BBA programs based on CRISP under NISHE mission and congratulated the team for this initiative.

All these points were duly acknowledged and effectively taken into consideration by the Dean, STSM and the heads of the departments of STSM. All the experts of School Council were highly impressed with the syllabus of first year and second year and appreciated the meticulous efforts taken by the faculty to make the courses unique and comprehensive as it attains the philosophy of NEP. The revisions in syllabus of first year and the plan and syllabus structure of courses for



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the second year was presented for the approval by the School Council and it was unanimously approved by all members.

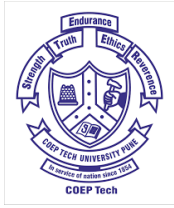
Dr. Shindikar expressed a deep sense of gratitude to all the members of School Council for their scholarly suggestions. He extended sincere thanks to the Hon'ble Vice Chancellor of COEP Tech for his guidance and visionary leadership along with other functionaries of COEP Tech. He thanked all the faculty colleagues of STSM for their cooperation and diligent efforts to make the curriculum NEP oriented in considerably short duration of time.

With the permission of Chairperson, the meeting ended with the vote of thanks.

Attendees of the 4th School Council Meeting for STSM

Date: 20.04.2024

S. N.	Name of the School Council Members	Signature
Chairperson		
1.	Dr. Sandeep Meshram -Dean STSM	
Expert Members of School Council		
2.	Dr. Milind Kulkarni, C-MET, Pune	
3.	Dr. Sagar Pandit, IISER, Pune	
4.	Dr. Alok Singh, IIM Nagpur	
5.	Professor Bhaskar Shejwal, SPPU	
6.	Dr. Venkat Iyer, HB Fuller India Pune	
7.	Mr. Nandkumar Jawale, (Alumni Representative)	
Head of Department		
8.	Dr. Mahesh Shindikar, Head, Department of Applied Sciences and Humanities	



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9.	Dr. Mrunalini Phalak, Head, Department of Physics	
Faculty representatives in School Council		
10.	Dr. Kavita Suranje	
11.	Mrs. Nandini Iyer	
12.	Mrs. Shubhangi Karadkar	
13.	Dr. Kshipra Moghe	
14.	Dr. Jagadish Dadage	
15.	Prof Arun Murbidri-Invitee(Management Department)	
