

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU	MINUTES OF THE MEETING		
Alandi (D), Pune - 412 105	ACADEMIC YEAR	:	2021-2022
ACADEMIC COUNCIL MEETING	DATE	:	16 June 2022
	MEETING NO.	:	AC/2022/01/13
<p>The thirteenth meeting of the Academic Council (AC) was held on 16 June 2022 at 1.30 p.m., in the Old Conference, MIT Academy of Engineering, Alandi (D), Pune. Dr. Mahesh Goudar, Chairman presided over the meeting and the following members attended the meeting,</p>			
<ol style="list-style-type: none"> 1. Dr. Aditya Abhyankar 2. Dr. D. S. Bormane 3. Dr. Suresh Gosavi 4. Dr. M.Sasikumar 5. Kumar Goud Mulemane 6. Mr. Om Dhumal 7. Mr. Pravin Kolhe 8. Dr. B. B. Waphare 9. Dr. Sunita S. Barve 		<ol style="list-style-type: none"> 10. Mr. Senthil Kumar 11. Mrs. Ranjana Badre 12. Dr. Dipti Sakhare 13. Dr. Prafulla Hatte 14. Dr. Shyam Shukla 15. Mr. Avinash Bhalerao 16. Mr. Sunilkumar Bhagat 17. Dr. Arika Kotha 18. Dr. Abhijeet Malge 19. Mr. Dilip Panchal 	
<p>In addition to the above members, the following also attended the meeting,</p> <ul style="list-style-type: none"> ● Dr. Satish Gajbhiv <p>The leave of absence was granted to the following members,</p> <ul style="list-style-type: none"> ● Dr. S. P. Mahajan, ● Dr. Shitalkumar Jain, ● Mrs. Prabha Kasliwal. 			


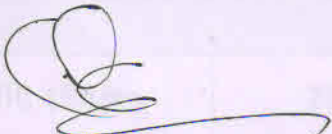
Sr. No.	Minutes
1.	<p>At the outset of the meeting following new Academic Council Members were welcomed and felicitated by Dr. Mahesh Goudar, Director, MITAoE. They were introduced by the respective School Deans.</p> <ol style="list-style-type: none">I. Dr. M. Sasikumar, Director, C-DAC, MumbaiII. Kumar Goud Mulemane, Director, Chemical Technology Solutions, ThaneIII. Mr. Om Dhumal, AGM- Operations, Knorr Bremse AG, PuneIV. Dr. S. P. Mahajan, Electronics and Telecommunication, Head of the Department, COEP, PuneV. Mr. Pravin Kolhe, Superintending Engineer, Water Resource Department, Maharashtra
2.	<p>Dr. Sunita Barve, Member Secretary of the Academic Council discussed the agenda of the meeting AC/2022/01/13.</p>
3.	<p>Dr. Mahesh Goudar, Director, MITAoE commenced the meeting with his opening remarks. He briefly reviewed the academic transformation and progress of MITAoE after the autonomy from 2016 till the present day. He extended the best practices followed at MITAoE since Autonomy.</p>
4.	<p>The Minutes of the Meeting of the AC/2021/02/12 dated 07 December 2021 and the Action Taken Report were presented by Dr. Sunita Barve and confirmed by the Academic Council Members.</p>
5.	<p>The Vision and Mission of the institute were proposed by Prof. S. M. Bhagat for approval and valuable suggestions from the Members of the Academic Council. The following points were suggested to be considered in framing the Vision and Mission of the institute:</p> <ol style="list-style-type: none">I. Supporting Engineering and Entrepreneurship to generate more Entrepreneurs and Job opportunities.II. Various managerial skills shall be considered for framing Mission Statement. Academics and Research can be oriented towards ecology and techno- society etc. and shall be reflected in these statements.

	<p>III. Advanced pedagogy to be adopted for the enhancement of Teaching-learning process.</p> <p>IV. Mission statements should be ordered in the following manner as per their significance.</p> <p>A. To promote ethical and moral values by involving students into community services.</p> <p>B. To prepare students for lifelong learning by transforming educational practices.</p> <p>C. To promote entrepreneurship and managerial skills by strengthening industry-institute interaction.</p> <p>D. To provide state of art infrastructural facilities to produce competitive engineering professionals.</p> <p>Responsibility: Registrar and Dean, Quality Assurance.</p>
6.	<p>Dr. Sunita Barve presented the semester-wise Academic Term planning for the Academic Year, 2022-23 and it was unanimously approved by all panel members.</p> <p>Responsibility: Deputy Director Academics and Schools Deans.</p>
7.	<p>Credit distribution of the revision 2019 was discussed and approved. The following points were suggested for consideration.</p> <p>I. In addition to foreign languages like German and Japanese offered by School Humanities and Engineering Sciences, Spanish and Chinese languages should be taught in view of global prospects of career development and entrepreneurship. It is suggested to study top business languages of the world.</p> <p>II. Students' political knowledge needs to be enhanced either by conducting expert sessions or by adding this track in the Liberal Learning course or in any suitable course.</p> <p>III. In the three-term Projects from semesters V to VII, the titles shall be assigned as per the defined contents and phases of the project.</p> <p>IV. Discipline Elective courses of Semester VIII can be offered through the SWAYAM platform as per the credit transfer scheme. All schools shall identify the SWAYAM courses offered in Term I and II for the Academic Year 2022-2023 for transferring the credits of the Discipline Elective. It</p>

	<p>is suggested to appoint a faculty mentor/coordinator for all such courses. It is advised to design Standard Operating Procedure for Swayam Credit Transfer Scheme for all programs. Full support shall be provided to the students for the successful completion of the course.</p> <p>V. As the Open Elective Specialization Tracks are the Emerging Areas of Engineering, the concerned faculty members' team needs to be trained and retrained for improving their competency.</p> <p>VI. Regarding Honors and Minor Degree courses, it is required to create awareness of these courses and their importance and detail process to the students and faculty members. The selection criteria or merit threshold for Honors' Degree and Minor Degree courses has to be determined as per the statistical information of the result. It is recommended to offer these courses exclusively to academically elite students.</p> <p>Responsibility: Deputy Director Academics and Schools Deans.</p>
8.	<p>The Under Graduate B. Tech Programme-wise Revised Structure 2019 Pattern (Final Year) and Course Curriculum 2022-2023 was presented and approved as below:</p> <p>Dr. Ranjana Badre, Dean, School of Computer Engineering and Technology presented Revised Curriculum Structure 2019-2023 for the Final Year of Computer Engineering and Information Technology. The Syllabus of Semester VII and VIII courses for the Academic Year 2022-2023 was presented in detail. The Final year curriculum structure and the syllabus were appreciated and approved by all panel members. There were no suggestions.</p>
9.	<p>Dr. Dipti Sakhare, Dean, School of Electrical Engineering presented the Revised Curriculum Structure 2019-2023 for the Final Year of Electronics Engineering and Electronics and Telecommunication. The Syllabus of Semester VII and VIII courses, for Academic Year 2022-2023 was presented in detail. It was suggested that the course Natural Language Processing can be canceled or it can be offered through the SWAYAM platform because it is a basic course that requires Skill Development tools and techniques. The final year curriculum structure and syllabus of semester VII and VIII courses were approved by all panel members.</p>

	Responsibility: Dean, School of Electrical and Electronics Engineering.
10.	<p>Dr. Prafull Hatte, Dean, School of Mechanical and Civil Engineering, presented the Revised Curriculum Structure 2019-2023 for the Final Year of Mechanical Engineering. The detailed syllabus of semester VII and VIII courses, for Academic Year 2021-2022 was reviewed and approved. The process of curriculum structure and syllabus design was accepted and appreciated by the Academic Council. The following suggestion was given</p> <p>The course title " Sustainable Energy Development" may be changed to "Sustainable Energy" or "Sustainable Energy Sources/ Energy Efficiency or Renewable Energy".</p> <p>Responsibility: Dean, School of Mechanical Engineering.</p>
11.	<p>Dr. Shyam Shukla, Dean, of Civil Engineering, presented the Revised Curriculum Structure 2019-2023 for the Final Year of Civil Engineering. The Syllabus of Semester VII and VIII courses, for Academic Year 2022-2023 was presented in detail. It was approved unanimously.</p>
12.	<p>Prof. Senthil Kumar, Dean, of Chemical Engineering presented the Revised Curriculum Structure 2019-2023 for the Final Year of Civil Engineering. The Syllabus of Semester VII and VIII courses, for Academic Year 2022-2023 was presented in detail. It was appreciated and approved unanimously.</p>
13.	<p>Dr. Avinash Bhalerao presented the TYBDes. curriculum structure and courses for the academic year 2022-2023. The offered courses were appreciated. According to the panel members, the course 'Design Interface' should be offered in the previous year. Common electives should be offered in semesters V, VI and VII. In Sustainability, recycling of products can be added. Along with short films or documentaries, and shooting of classroom teaching can be taken and shown to the students. Theory and Practical hours is to be bifurcated separately.</p> <p>Responsibility: Dean, School of Design.</p>
14	<p>The proposed revision of the First Year B.Tech curriculum structure was presented and it was approved with the following suggestions.</p> <ol style="list-style-type: none"> 1. Applied Mechanics is an important course and should have 3 to 4 credits to develop the problem-solving capacity of the students. The

	<p>relevance of the content needs to be established for all branch students. Relevant/real time Case Studies and Applications need to be added. Activities or Expert Sessions shall be arranged for better student engagement.</p> <ol style="list-style-type: none"> 2. The title of the course ' Computational Biology' has to be reframed. Microbiology or Foundational/ Basic Biology can be a better replacement for the title. The contents of this course were well appreciated. 3. The prerequisite knowledge and the scope of Emerging Technology need to be defined. The detailed plan for the Jury examination will help to improve the effectiveness of the assessment. 4. Diagnostic tests shall be planned to support the diverse learning needs of the first-year students. 5. Assessment Plan/reform for all first-year courses needs to be defined well in advance and shared with students. <p>Responsibility: Dean, School of Humanities and Engineering Sciences.</p>
15.	<p>Dr. Arika Kotha, CoE, presented the examination mode of conduct and schedule for 2022-2023. It was suggested that there should be a separate passing criterion for each exam and 50% weightage should be given to the End Semester Examination.</p> <p>Responsibility: Controller of Examination.</p>
16.	<p>Academic Council members insisted on conducting continuous Faculty Development Programmes for continuous improvement in pedagogy, teaching-learning process, and assessments as well.</p> <p>Responsibility: Dean Faculty.</p>
17.	<p>A prerequisite survey of the students has to be done to improve their engagement in the process of learning. Both the teacher and the student should experience the joy of teaching and learning respectively.</p> <p>Responsibility: Schools Deans.</p>
18.	<p>Dr. Sunita Barve proposed a vote of thanks to the chairman and members by expressing gratitude for active participation and valuable suggestions in the entire proceedings of the meeting.</p>

Verified by	Approved by
<p>Dr. Sunita S. Barve</p>  <p>Member Secretary Academic Council</p>	<p>Dr. Mahesh Goudar</p>  <p>Chairman Academic Council</p>

The thirty-fourth meeting of the Academic Council (AC) was held on 16 June 2022 at 1.30 p.m. in the Old Conference Hall, Institute of Engineering, Road 101, Pune. Dr. Mahesh Goudar, Chairman, presided over the meeting and the following members attended the meeting.

<ol style="list-style-type: none"> 1. Dr. Anoop Anand 2. Dr. P. S. Deshpande 3. Dr. S. S. Deshpande 4. Dr. M. S. Deshpande 5. Dr. S. S. Deshpande 6. Mr. D. S. Deshpande 7. Mr. S. S. Deshpande 8. Dr. S. S. Deshpande 9. Dr. S. S. Deshpande 	<ol style="list-style-type: none"> 10. Mr. S. S. Deshpande 11. Mr. S. S. Deshpande 12. Dr. S. S. Deshpande 13. Dr. S. S. Deshpande 14. Dr. S. S. Deshpande 15. Mr. S. S. Deshpande 16. Mr. S. S. Deshpande 17. Dr. S. S. Deshpande 18. Dr. S. S. Deshpande 19. Mr. S. S. Deshpande
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In addition to the above members, the following also attended the meeting.

- Dr. S. S. Deshpande

The issue of agenda was granted to the following members.

- Dr. S. S. Deshpande
- Dr. S. S. Deshpande
- Mr. S. S. Deshpande