

SVKM's NMIMS Deemed-to-be University
Mukesh Patel School of Technology Management and Engineering

Minutes of the Meeting of Board of Studies (BoS) of Civil Engineering Department, was held on September 8, 2022 at 7.00 PM on Microsoft Teams platform.

The following members were present:

1. Dr. Meenal Mategaonkar, Head, Department of Civil Engineering, MPSTME
2. Dr. Prashant Prabhakar Bhawe, Associate Professor, VJTI -Academic Expert
3. Mr. Kaustubh Raikar, Executive Director, Structwel Designer and Consultants Pvt. Ltd.- Industry Expert
4. Prof. Prasad Gharat, Assistant Professor, Department of Civil Engineering, MPSTME
5. Dr. Manoj Anaokar, Assistant Professor, Department of Civil Engineering, MPSTME
6. Prof. Deoyani Joshi, Assistant Professor, Department of Civil Engineering, MPSTME (Invitee)
7. Dr. Jigisha Vashi, Assistant Professor, Department of Civil Engineering, MPSTME (Invitee)
8. Dr. Sunayana Sarkar, Assistant Professor, Department of Civil Engineering, MPSTME (Invitee)
9. Prof. Avadhut Kshirsagar, Associate Professor, Department of Civil Engineering, MPSTME (Invitee)
10. Prof. Darshana Lade, Assistant Professor, Department of Civil Engineering, MPSTME (Invitee)

Leave of absence is granted to the following member:

1. Dr. Alka Mahajan, Dean, MPSTME, NMIMS University
1. The BoS members confirmed the minutes of meetings of BoS in Civil Engineering held on 11th April, 2022.
 2. The BoS members considered and deliberated upon the revision in the curricula of B Tech in Civil Engineering. They approved the following:
 - A. A minor revision of curricula of B Tech in Civil Engineering by way of -
 - i. Revision in course structure for the students admitted in AY 2021-22 and direct second year students admitted in AY 2022-23 (Encl.-Ia)
 - ii. Revision in Course Structure for the students admitted in AY 2020-21 and direct second year students admitted in AY 2021-22 (Encl.-Ib)
 - Renaming the course "Quantity Surveying and Estimation" to "Quantity Surveying, Estimation and Valuation" with in Semester VI.
 - B. Introduction of Teaching and Examination Scheme and Syllabi of Semester VI of the following courses for the students admitted in AY 2020-21 and direct second year students admitted in AY 2021-22 (Encl.-II)
 - Water and Wastewater Engineering
 - Hydraulics and Fluid Machinery
 - Computer Applications in Civil Engineering - I
 - Department Elective - II
 - Earthquake Engineering
 - Department Elective - III
 - Advanced Geotechnical Engineering

The remaining courses are approved in earlier AC meetings.

SVKM's NMIMS Deemed-to-be University
Mukesh Patel School of Technology Management and Engineering

- C. Introducing of the Syllabus of open elective course offered by the Department of Civil Engineering for Semester V & VI. This will be applicable for the students of B Tech and MBA Tech programs except B Tech CSBS and B Tech CSE (DS) admitted in AY 2020-21 and direct second year students admitted in AY 2021-22 onwards (Encl.-III)
- Introduction to GIS
- D. Information Items - Revision in the Course Objectives, Course Outcomes, Text Books & Reference Books and Credits of Syllabi of Semester VI of the following courses for the students admitted in AY 2020-21 and direct second year students admitted in AY 2021-22 onwards (Encl.-IV)
- Quantity Surveying, Estimation and Valuation
 - Department Elective - II
 - Bridge Engineering
 - Prestressed Concrete
 - Department Elective - III
 - Rock Mechanics
 - Pavement Design and Construction

BoS Committee Suggestions:

1. In the course of "Water and Wastewater Engineering" include "Introduction to Advanced Water Treatment" in unit 3 - Treatment processes for water and "Introduction to Advanced Wastewater Treatment" in unit 6 - Sewage Treatment.
2. In the course of "Earthquake Engineering" include a new unit 7 - Introduction to ductile detailing of structures.
3. In the course of "Quantity Surveying, Estimation and Valuation" modify the course outcomes.

Action taken:

The above suggestions are incorporated into the revised curriculum.



Chairperson
Dean, Board of Studies



SVKM's NMIMS Deemed-to-be University
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Minutes of the Meeting of Board of Studies (BoS) of Civil Engineering Department, was held on 2nd December, 2022 at 7.00 PM on Microsoft Teams platform.

The following members were present:

1. Dr. Meenal Mategaonkar, Head, Department of Civil Engineering, MPSTME
2. Dr. Prashant Prabhakar Bhave, Professor, Civil & Environmental Engineering, VJTI -Academic Expert
3. Mr. Santosh Deodhar, Practicing Consultant, - Industry Expert
4. Prof. Prasad Gharat, Assistant Professor, Department of Civil Engineering, MPSTME
5. Dr. Manoj Anaokar, Assistant Professor, Department of Civil Engineering, MPSTME
6. Prof. Avadhut Kshirsagar, Associate Professor, Department of Civil Engineering, MPSTME
7. Dr. Sahajanand Kamat, Assistant Professor, Department of Civil Engineering, MPSTME (Invitee)
8. Prof. Darshana Lade, Assistant Professor, Department of Civil Engineering, MPSTME (Invitee)

Leave of absence is granted to the following member:

1. Dr. Alka Mahajan, Dean, MPSTME, NMIMS
 2. Prof. Deoyani Joshi, Assistant Professor, Department of Civil Engineering, MPSTME (Invitee)
 3. Prof. Preeti Shrivastava, Assistant Professor, Department of Civil Engineering, MPSTME (Invitee)
1. The BoS members confirmed the minutes of meetings of BoS in Civil Engineering held on 8th September, 2022.
 2. The BoS members considered and deliberated upon the revision in the curricula of B Tech Civil Engineering. They approved the following:
 - A. Minor revision in Course Structure of B Tech Civil Engineering for the students admitted in AY 2020-21 onwards (Encl.-Ia, Ib & Ic)
 - i. Renaming the course on "Construction Project and Finance Management" to "Construction Project Management and Finance" in Semester VII.
 - B. Approval of Teaching & Examination Scheme for the following courses for B Tech Civil Engineering for the students admitted in AY 2021-22 onwards owing to change in Course Structure. The Syllabi are already approved in earlier Academic Council Meeting. (Encl.-IIa, IIb & IIc)
 - i. Fluid Mechanics and Hydraulics (Sem IV)
 - ii. Transportation Engineering (Sem IV)
 - iii. Hydraulics and Fluid Machinery (Sem V)
 - iv. Design of Steel Structures (Sem VI)
 - v. Interpersonal Skills (Sem VI)
 - C. Introduction of Teaching & Examination Scheme and Syllabi of the following courses for B Tech in Civil Engineering Semester VII for the students admitted in AY 2020-21 onwards (Encl.-III)
 - i. Construction Project Management and Finance
 - ii. Computer Applications in Civil Engineering – II
 - iii. Capstone Project
 - iv. Department Elective – IV
 - a. Industrial Waste Management
 - b. Design of Hydraulic Structures
 - c. Water Conveyance and Distribution Systems

SVKM's NMIMS Deemed-to-be University
Mukesh Patel School of Technology Management and Engineering

- v. Department Elective - V
 - a. Construction Contracts and Administration
 - b. Construction Economics and Finance Management
 - c. Construction Quality Control and Assurance
- vi. Department Elective - VI
 - a. Hydrogeology and Groundwater Modelling
 - b. Environmental Impact Assessment and Auditing
 - c. Docks and Harbor Engineering

BoS Committee Suggestions -

Members appreciated the contents of the syllabi presented in the meeting.

The following suggestions given by **Dr. Prashant Bhawe** for the courses on

1. "Industrial Waste Management" - the content of unit 1 and 4 to be revisited with their duration.
2. "Water Distribution Systems" - the title of the course to be renamed as "Water Conveyance and Distribution Systems"

The following suggestions given by **Mr. Santosh Deodhar** for the courses on

1. "Construction Project Management and Finance" - high-rise building projects to be included in unit 2
2. "Industrial Waste Management" - a reference book by Metcalf & Eddy to be added
3. "Hydrogeology and Groundwater Modelling" - an online link of the manual of CGWB to be included in the reference books

Action taken -

The above suggestions are incorporated into the revised curriculum.



Chairperson
Dean, Board of Studies



Minutes of the Meeting of Board of Studies (BoS) of Civil Engineering Department, was held on 2nd May, 2023 at 8.00 PM on Microsoft Teams platform.

The following members were present:

1. Dr. Meenal Mategaonkar, Head, Department of Civil Engineering, MPSTME
2. Dr. Prashant Prabhakar Bhawe, Professor, Civil & Environmental Engineering, VJTI - Academic Expert
3. Mr. Santosh Deodhar, Practicing Consultant, - Industry Expert
4. Prof. Prasad Gharat, Assistant Professor, Department of Civil Engineering, MPSTME
5. Dr. Manoj Anaokar, Assistant Professor, Department of Civil Engineering, MPSTME
6. Prof. Darshana Lade, Assistant Professor, Department of Civil Engineering, MPSTME

Leave of absence is granted to the following member:

1. Dr. Alka Mahajan, Dean, MPSTME, NMIMS
1. The BoS members confirmed the minutes of meetings of BoS in Civil Engineering held on 2nd December, 2023.
2. The BoS members considered and deliberated upon the revision in the curricula of B Tech Civil Engineering. They approved the following:
 - A. Introduction of the Syllabus and Teaching & Examination Scheme of the course "Smart Cities" in the basket of open electives, offered by the Department of Civil Engineering. This will be applicable for the students of B Tech and MBA Tech programs except B Tech CSBS and B Tech CSE (DS) for Semester V & VI for admitted in AY 2021-22 onwards (Encl.-I)
3. Information Items -
 - A. Minor revision in Teaching Scheme of B Tech Civil Engineering for Semester VII for the students admitted in AY 2020-21 onwards (Encl.-II)
 - i. Swapping the elective courses on "Construction Economics and Finance Management" and "Environmental Impact Assessment and Auditing" in Department Elective - V & VI.

BoS Committee Suggestions -

Members appreciated the content of the syllabus presented in the meeting.

The following suggestions given by BoS members for the courses on "Smart Cities"

1. Mr. Deodhar suggested to add the topics 'Challenges in implementation of Smart Cities', "Climatic diversity", "Public private partnership"
2. Dr. Bhawe suggested to mention the areas of "data collection for Smart cities" and "case studies in India and abroad"

Action taken -

The above suggestions are incorporated into the revised curriculum.



Chairperson
Dean, Board of Studies

