



DEPARTMENT OF CIVIL ENGINEERING

Board of Studies (BOS) Meeting

Minutes of Meeting (MOM)

Academic year: 2019-20

Date: 25th June, 2020

Time: 10.00 to 1.00 P.M

1 Agenda

- i. Scrutinization and Approval of scheme & syllabus of 3rd year Civil Engineering for the academic year 2020-2021.
- ii. Scrutinization and Approval of scheme of 5th to 8th semester.
- iii. Any other related topic with the permission of the chairman.

The meeting started at 10.00 A.M. **Dr. Niranjana P.S**, Professor and Head of Civil Engineering department welcomed all the board of studies members and briefed about the agenda of the meeting.

2 Deliberations

2.1 General

- ✚ The board of members suggested to include rubrics in each course.
- ✚ Minimum three text books are to be listed under reference books.
- ✚ To incorporate the books of latest edition and IS codes for reference.
- ✚ Suggested to implement Self study tool to cover up the important topics beyond the syllabus.
- ✚ Suggested to adopt advanced survey equipments in the Extensive survey projects.



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- ✚ Appreciated the efforts of the department in implementing the mini projects from the fourth semester onwards.

2.2 *Scheme*

- ✚ Additional open electives are included in the curriculum.
- ✚ A rubric for evaluation of the internship has to be revised.
- ✚ Effective monitoring of the performance of the student during the project phase-I is to be carried out.

2.3 *Subject Specific*

2.3.1 *Analysis of indeterminate structures (20CIV53)*

- ✚ To reduce the content in the Module 4 (Removal of Flexibility matrix analysis)

2.3.2 *Traffic Engineering (20CVI641)*

- ✚ Topics related to accident study to be added.

The meeting concluded at 1.30 P.M. **Dr.Niranjan P.S**, Professor and Head of Civil Engineering department delivered vote of thanks.



DEPARTMENT OF CIVIL ENGINEERING

Board of Studies (BOS) Meeting

Minutes of Meeting (MOM)

Academic year: 2018-19

Date: 22nd May, 2019

Time: 10.00 to 1.00 P.M

1 Agenda

- i. Scrutinization and Approval of syllabus of 1st year Civil Engineering for the academic year 2019-2020.
- ii. Scrutinization and Approval of scheme & syllabus of 2nd year Civil Engineering for the academic year 2019-2020.
- iii. Scrutinization and Approval of scheme of 3rd to 8th semester.
- iv. Any other related topic with the permission of the chairman.

The meeting started at 10.00 A.M. **Dr. Niranjan P.S**, Professor and Head of Civil Engineering department welcomed all the board of studies members and briefed about the agenda of the meeting.

2 Discussion Points

2.1 General

- ✚ The board of members suggested to follow the **Bloom's taxonomy nomenclatures** for framing Course outcomes (COs).
- ✚ The **COs and mapping of the COs and Program outcomes (POs)** has to be checked for all the subjects.
- ✚ The **COs of the Lab and theory courses** should be different.



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- ✚ The **Courses** in the curriculum has to reflect the **Vision and Mission** of the department. The courses should reflect the social concern like sustainability, environmental issues and entrepreneurship.
- ✚ The **contact hours** should match with the credits.
- ✚ Check the content of the syllabus of all the courses.
- ✚ Suggested to propose '**B.E honors**', if the students have earned extra qualification other than the curriculum (currently, implemented in RVCE)
- ✚ Suggested to follow the integrated course system.
- ✚ Pattern of Evaluation in CIE and SEE has to be mentioned in the syllabus.
- ✚ Suggested to remove the distribution of percentage marks (with respect to blooms taxonomy) in the syllabus.
- ✚ No. of references (Text books and Reference books) should be consistent for all the courses.
- ✚ Suggested to formulate a methodology for evaluation of student's assignment.

2.2 *Scheme*

- ✚ The **LTP** of the subjects *Plane surveying (19CIV35)* and *Higher surveying (19CIV45)* has changed from **2:1:0** to **3:0:0**.
- ✚ **Transportation Engineering and Hydrology and Irrigation Engineering** have to be incorporated as Core subjects in curriculum.
- ✚ The Course "**Concrete Technology**" may be shifted to fourth semester in the curriculum.
- ✚ Suggested to have only **nine experiments** in the Lab's.



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- ✚ The content of the course **Earth science and engineering** may be reduced to 50%.
The basics of Geotechnical engineering may be incorporated to the course **Earth science and engineering**. Instead of having two **Geo technical engineering** subjects, it may be reduced to one.
- ✚ Suggested to include **Estimation, Primavera and M S Project software** labs in the curriculum.
- ✚ Suggested to rename ‘**Strength of materials lab**’ as ‘**Materials testing lab**’. The syllabus of the lab needs to be restructured (inclusion of all the materials testing components in the lab, and removal of some of the obsolete experiments).
- ✚ Suggested to include ‘**Bridge Engineering**’ course as an elective in the curriculum.

2.3 *Subject Specific*

2.3.1 *Building Materials and Construction (19CIV33)*

- ✚ National Building Code has to be included in the Reference.
- ✚ Include properties of ferrous and non-ferrous materials and Engineering materials such as timber and bamboo.
- ✚ The title ‘Miscellaneous’ in Module-5 has to be changed.

2.3.2 *Strength of Materials (19CIV34)*

- ✚ Theory of Failures has to be removed.
- ✚ Torsion- only concepts.
- ✚ Deflection of the beams should be included (currently this topic is covered in Analysis of determinate structures).



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2.3.3 Plane surveying Lab (19CIV38)

- ✚ The exercises related to plane table surveying has to be included (currently these exercises is covered in Higher surveying Lab).

The meeting concluded at 12.50 P.M. **Dr.Niranjan P.S**, Professor and Head of Civil Engineering department delivered vote of thanks.

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Board of Studies (BOS) Meeting

Minutes of Meeting (MOM)

Academic year: 2017-18

Date: 10th March, 2018

Time: 10.00 to 1.00 P.M

1 Agenda

- i. Scrutinization and Approval of scheme & syllabus of 3rd year Civil Engineering for the academic year 2020-2021.
- ii. Scrutinization and Approval of scheme of 5th to 8th semester.
- iii. Any other related topic with the permission of the chairman.

The meeting started at 10.00 A.M. **Dr. Niranjan P.S**, Professor and Head of Civil Engineering department welcomed all the board of studies members and briefed about the agenda of the meeting.

2 Deliberations

2.1 General

- ✚ The 175 credit based system was implemented from academic year 2018-19.
- ✚ The courses with integrated laboratories were split into theory course and laboratory course separately.
- ✚ It is proposed to have six course outcomes for theory subjects and four course outcomes for the Laboratory.



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2.2 Subject Specific

2.2.1 Elements of Civil Engineering (CIV14/24)

- ✚ In Module 4, topic related to analysis of simple determinate trusses by method of joints and sections was removed.
- ✚ In Module 5 the topics- work, power, energy, energy principles for particles were removed.

The meeting concluded at 12.00 noon. **Dr.Niranjan P.S**, Professor and Head of Civil Engineering department delivered vote of thanks.

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Board of Studies (BOS) Meeting

Minutes of Meeting (MOM)

Academic year: 2016-17

Date: 15th June, 2017

Time: 10.00 to 1.00 P.M

1 Agenda

- i. Finalization syllabus of First, Second and Third year including electives
- ii. Finalization of scheme for Fourth year including electives
- iii. Any other related topic with the permission of the chairman.

The meeting started at 10.00 A.M. **Dr. Niranjana P.S**, Professor and Head of Civil Engineering department welcomed all the board of studies members and briefed about the agenda of the meeting.

2 Deliberations

2.1 General

- ✚ The 200 credit based system was introduced.
- ✚ The courses proposed to have integrated laboratories.
- ✚ It is proposed to have six course outcomes for theory subjects and four course outcomes for the Laboratory.
- ✚ The guidelines for framing the course outcomes as well as mapping of course outcomes with program outcomes are recommended.



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2.2 Subject Specific

- ✚ Global electives are proposed in eight semesters (one in seventh semesters and two in eight semester) considering the importance of Multidisciplinary roles.

The meeting concluded at 12.00 noon. **Dr.Niranjan P.S**, Professor and Head of Civil Engineering department delivered vote of thanks.

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Board of Studies (BOS) Meeting

Minutes of Meeting (MOM)

Academic year: 2015-16

Date: 23rd June, 2016

Time: 9.30 to 1.00 P.M

1 Agenda

- i. Approval of syllabus and scheme of Second year.
- ii. Approval of scheme of Third and Fourth year.
- iii. Any other related topic with the permission of the chairman.
- iv. Approval of List of Professional Electives.
- v. Approval of List of other Electives.
- vi.

The meeting started at 9.30 A.M. **Dr. Niranjan P.S**, Professor and Head of Civil Engineering department welcomed all the board of studies members and briefed about the agenda of the meeting.

2 Deliberations

2.1 General

- ✚ Cos and POs of some subjects are reviewed and modified
- ✚ The Scheme of third and fourth year are finalized after a long deliberation over the contents and number of subjects.
- ✚ The list of electives was finalized after renaming the titles and modifying the contents of some electives.



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2.2 Subject Specific

- ✚ Some topics in surveying and Analysis of structures and Building Planning and Drawing Laboratories were modified

The meeting concluded at 12.00 noon. **Dr.Niranjana P.S**, Professor and Head of Civil Engineering department delivered vote of thanks.

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