

SHARDA UNIVERSITY
SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

June 2, 2017

Minutes of the Meeting

Subject: Approval of Courses and syllabi in the BOS held on June 2, 2017

A meeting of the Board of Studies (BOS) of the Department of Civil Engineering was held on June 2, 2017 at 10:00 am at the Sharda University. The following members were present,

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|-------------------------------------|---------------------------------|
| 1. Prof. Satyaprakash, HOD, Civil | Chairman |
| 2. Prof. Nirendra Dev, DTU | External Member (from Academia) |
| 3. Dr. Rajeev Goel, CRRI | External Member (from Research) |
| 4. Prof. Ranvir Singh | Internal Member |
| 5. Prof. K.P. Singh, Civil | Internal Member |
| 6. Dr. Gaurav Saini, Civil | Internal member |
| 7. Ms. Pinaki P. Nayak, Civil | Internal Member |
| 8. Mr. Nishant Kumar, Civil | Internal member |
| 9. Mr. Faizanul Haque, Civil | Internal Member |
| 10. Ms. Sarmistha Rudra Paul, Civil | Internal Member |

The agenda of the Board of Studies meeting included:

B. Tech. (Civil Engg.)

Agenda 1: New course structure of B.Tech in Civil Engineering for all four years, admitted in 2017 onwards and of 2nd year onwards for students admitted in 2016.

The updated course structures for 2016 (2nd year onwards) and 2017 (all four years) batches were presented to the BoS.

Agenda 2: Approval of new and modified courses.

The syllabi for these courses were presented to the BOS.

M. Tech. Programs

Agenda 1: The updated course structure of M. Tech. in Civil Engineering with specializations in Structural Engg. and Construction Management were presented to the BoS

Agenda 2: Approval of new and modified courses.

The syllabi for these courses were presented to the BoS.

Suggestions: The following suggestion and/or comments were made on the programmes and courses:

B. Tech. Programme:

- i. Nomenclature of Physics-I (with syllabus of Engineering Mechanics) is somewhat confusing and the course should ideally be named "Engineering Mechanics".
- ii. A course on Engineering Physics should be there, preferably in semester I or II.
- iii. SOM and SA Lab should be shifted to semester IV instead of V, bringing the laboratory courses preferably in the same semester as the theory courses.
- iv. May include Estimation Lab in the Quantity Survey course itself.
- v. A suggestion is to provide a number of questions/problems for the Open Source Software course and allowing the students to decide on their own software, instead of just one course.
- vi. Ideally Open Source Software should be in 5th, 6th or 7th semester.
- vii. May include more courses in the listing of electives. Suggestion is to include 4 courses per streamed elective, corresponding to 4 sub-disciplines of Civil Engg. (Structures, Water Resources, Soil/Geotech, Environment/Transportation).

M. Tech. Programme:

Structural Engineering:

- i. The course on Structural Dynamics and Earthquake Engineering should preferably be divided into 2 separate courses.
- ii. Bridge Engineering course may be made elective.

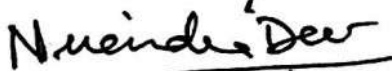
- iii. Elective courses may be listed as a basket, up to a maximum of 4 courses per elective. Some options could be Advanced Design of Hydraulic Structures, Disaster-resistant structure, Advanced bridge engineering, Advanced material & construction, etc.
- iv. Some topics may be switched between Structural Dynamics & Earthquake Engineering and Advanced RCC Design.


Construction Management:

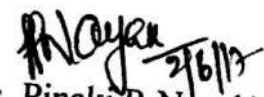
- i. Term Paper should ideally be given an L-T-P of either 2-0-0 or 0-0-4, since 0-2-0 cannot be given 2 credits.
- ii. may consider renaming dissertation-I and II as Project-I and II. The project may be included within Dissertation-I itself. The external experts were of the opinion that either we should use the term Project or Dissertation.
- iii. Seminar-II can be included in Semester-IV.

All the suggestions/comments were incorporated into the syllabi.


(Prof. Satyaprakash, HOD)

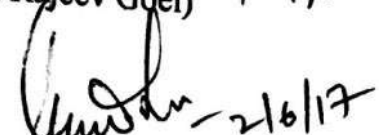

02/06/2017
(Prof. Nirendra Dev)


02.06.2017
(Prof. K.P. Singh)


2/6/17
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2/6/17
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02/06/17
(Ms. Sarmistha R. Paul)

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SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

Agenda for Board of Studies Meeting

Date: June 2, 2017

B. Tech. (Civil Engg.)

Agenda 1: New course structure of B.Tech in Civil Engineering for all four years, admitted in 2017 onwards and of 2nd year onwards for students admitted in 2016

The updated course structures for 2016 (2nd year onwards) and 2017 (all four years) batches will be presented to the BOS. The details are:

For 2016 Batch:

- 1) The new course structure is attached

For 2017 Batch:

- 1) The new course structure is attached

Agenda 2: Approval of new and modified courses.

The syllabi for these courses will be presented to the BOS.

M. Tech. Programs

Agenda 1: The updated course structure of MTech in Structural Engg and Construction Management shall be presented

Agenda 2: Approval of new and modified courses.

The syllabi for these courses will be presented to the BOS.