

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING
MINUTES OF THE BOARD OF STUDIES MEETING HELD ON 06.06.2022

Lr. No. VCE/CED/A08/2021-22/473

Date: 07.06.2022

Members Present:

- 1 Dr. B.Sridhar Professor, Department of Civil Engineering, VCE
- 2 Dr. M. Kumar Principal, College of engineering, Osmania University, Hyderabad
- 3 Prof. M.A. Prasad Professor and Head, Department of Civil Engineering, OU College of Engg.
- 4 Dr. T. Shashidhar Professor, Department of Civil Engg., IIT Hyderabad
- 5 Dr. Anasua Guharay Assistant Professor, Department of Civil engineering, BITS, Hyderabad
- 6 Er. P. Suryaprakash CEO, M/s. Satyavani Projects, Hyderabad
- 7 Dr. M.V. Rama Rao Professor, Department of Civil Engineering, VCE
- 8 Dr. T. Srinivas Associate Professor, Department of Civil Engineering, VCE
- 9 Dr. C. Mohanlal Associate Professor, Department of Civil Engineering, VCE
- 10 Sri. S. Vijaya Kumar Associate Professor, Department of Civil Engineering, VCE
- 11 Dr.M.V.S.S. Sastri Associate Professor, Department of Civil Engineering, VCE
- 12 Dr. K.Jayasree Assistant Professor, Department of Civil Engineering, VCE
- 13 Mrs. P.Dhatri Assistant Professor, Department of Civil Engineering, VCE
- 14 Mr. S. Kesav Kumar Assistant Professor, Department of Civil Engineering, VCE
- 15 Mr. J. Chaitanya Assistant Professor, Department of Civil Engineering, VCE
- 17 Mrs. Krati Sharma Assistant Professor, Department of Civil Engineering, VCE

At the outset, the Chairman of BOS& HOD welcomed the members for attending the Board of Studies Meeting. The Chairman further expressed special thanks to all the members for sparing the time from their busy schedule to attend the meeting. After that the agenda items were taken up and the board decided/ recommended as under:

1. The vision, mission, PEOs and PSOs of the Civil Engineering department were reviewed. The board has approved the existing vision, mission, PEOs and PSOs.
2. Dr. T. Shashidhar suggested to include acts on consumerism, women and child protection act and biodiversity act in Environmental science course. Dr. M.Kumar suggested to modify syllabus of Environmental Science course and improve it to higher level based on practical applications. Dr. T. Shashidhar suggested to combine ecosystem and biodiversity topics. He also suggested to include various types of ecosystems like terrestrial , forest etc in the course. Dr.Shashidhar informed that he will send the modified syllabus that is required for the course as there are lot of contents that require modification.
3. Dr. Anasua Guharay suggested to modify course outcomes of Soil mechanics course .

4. Dr. M. Kumar suggested to introduce Autocad in Drawing subjects . All experts have suggested it as a need of the hour to make drawing through Autocad. They said that all institutions including premier institutions have adopted Autocad based learning process. Prof. M.A. Prasad suggested to keep one unit of manual drawing and remaining units on Autocad. Dr.Shashidhar suggested that there are drawing papers with horizontal and vertical lines and they can be used during lecture hours. And during practical hours, Autocad based drawing may be adopted. Dr.M. Kumar suggested to conduct two days workshop at the beginning of the semester for the faculty to have preparedness to handle Autocad based drawing. Dr.Kumar suggested to modify the syllabus of Drawing subjects if it is decided to make Autocad based drawing.
5. Prof. M.A. Prasad informed that syllabus can be framed beyond AICTE curriculum. He suggested to include GATE and IES syllabus in the curriculum
6. Dr.Shashidhar and Dr.Prasad suggested to include atleast one session on Geology lab other than the lecture hours to have practical demonstration of the experiments
7. Dr.M.Kumar suggested to modify the latest references in all the courses
8. Dr.M.Kumar and Prof. Prasad suggested to remove concrete and reinforcing steel in Building materials and construction course as they can be covered in concrete technology course.
9. Prof Prasad suggested to offer Green buildings as a separate course to Civil engineering students.
10. Dr. Shashidhar has suggested to view a course on "Eco system based disaster risk reduction (Eco DRR)" developed by experts from the United Nations Environment Programme (UNEP) and the Partnership of Environment and Disaster Risk Reduction (PEDDR) for modifying the syllabus of Disaster Management course.
11. Prof Prasad and Dr. Shashidhar suggested to make all the course outcomes very crisp and short.
12. Dr. Shashidhar has suggested to check the experiments in Chemistry laboratory and if there is repetition of any experiments like alkalinity, turbidity etc in Environmental engineering laboratory, they can be removed and replaced with some new experiments. He suggested to add experiments on calorific value for anaerobic digestion , dual medium filter and sludge volume index in Environmental engineering lab.
13. Prof Prasad suggested to modify the syllabus of Modelling and analysis of uncertainty as the titles and syllabus are not matching
14. Dr.M.Kumar suggested to include introductory concepts of pavement evaluation in Highway engineering course