

Dr.R.Malathy, M.E., Ph.D
Professor & Head of the Department
Chair Person - Board of Studies
Department of Civil Engineering

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Sub: Sona College of Technology – 18th Meeting of the Board of Studies (online) in the Department of Civil Engineering held on 03-06-2021 through Microsoft Team – Minutes - Communicated.

I thank the members for their presence and their valuable suggestions during the 18th Meeting of the Board of Studies in Civil Engineering held on 03-06-2021 at 09:30 a.m. online using the Microsoft team app.

Please find the enclosed copy of the minutes of the 18th Meeting of the Board of Studies in Civil Engineering.

Yours Sincerely,


Dr.R.Malathy

Chair Person - Board of Studies
Department of Civil Engineering

Encl: Minutes of the meeting/ 18th Board of Studies/CIVIL

To

1. Dr.S.R.R.Senthilkumar, Principal, Sona College of Technology
2. Dr.R.Shivakumar, Member Secretary/ Academic Council, Sona College of Technology.
3. Dr.J.Akilandeswari, Dean-Academics, Sona College of Technology.
4. Dr.K.Chinnaraju, Professor, Division of Structural Engineering, College of Engineering, Guindy, Anna University, Chennai.
5. Dr.T.Palanisamy, Assistant Professor, Division of Structural Engineering, Department of Civil Engineering, National Institute of Technology Karnataka, Surathkal.
6. Dr. S. T. Ramesh, Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli - 620 015.
7. Kingsley. J. D. Ernest, Head - Technology Competency Centre, Heavy Civil Infrastructure Company, Larsen&Toubro Construction, Mount Poonamallee Road, Chennai.
8. Dr.DepakMuniraj, Assistant Project Manager, Sobha Valley View Project, Bangalore.
9. Er.M.Sudhakar, DGM Projects, L&T construction, Chennai
10. Er.C.Gopalakrishnan, Structural Consultant Expert, Madurai Corporation, Structural Engineering, Expert, CMWSS Chennai, Blasting Consultant, Tanjore.
11. Mr. Ravi Subramanian, Director, Originovate Systems Private Limited, Karnataka 560037
12. All Internal BoS members
13. File/BoS

Minutes of 18th Board of Studies Meeting
DEPARTMENT OF CIVIL ENGINEERING

The 18th Board of Studies meeting of the Department of Civil Engineering, Sona College of Technology (Autonomous), Salem held on 03-06-2021 at 09.30 a.m. online using the Microsoft team app.

The following members were present:

1. Dr.S.R.R.Senthilkumar, Principal, Sona College of Technology.
2. Dr.R.Shivakumar, Member Secretary/ Academic Council, Sona College of Technology.
3. Dr.J.Akilandeswari, Dean-Academics, Sona College of Technology.
4. Dr.K.Chinnaraju, Professor, Division of Structural Engineering, College of Engineering, Guindy, Anna University, Chennai.
5. Dr.T.Palanisamy, Assistant Professor, Division of Structural Engineering, Department of Civil Engineering, National Institute of Technology Karnataka, Surathkal.
6. Dr. S. T. Ramesh, Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli - 620 015
7. Kingsley. J. D. Ernest, Head - Technology Competency Centre, Heavy Civil Infrastructure Company, Larsen&Toubro Construction, Mount Poonamallee Road, Chennai.
8. Dr.DepakMuniraj, Assistant Project Manager, Sobha Valley View Project, Bangalore.
9. Er.M.Sudhakar, DGM Projects, L&T construction, Chennai
10. Er.C.Gopalakrishnan, Structural Consultant Expert, Madurai Corporation, Structural Engineering, Expert, CMWSS Chennai, Blasting Consultant, Tanjore.
11. Dr.SubrahmanyaSastry, Assistant General Manager, Vee Technologies Pvt.Ltd
12. All Internal BoS members

Dr.R. Malathy, Chairman of the Board of Studies, Department of Civil Engineering, Sona College of Technology, initiated the meeting with a warm welcome to all the members present and all the members introduced themselves.

The following items were discussed and the corresponding resolutions were adopted:

1. Discussion of Vision, Mission, Programme Educational Objectives, Programme Outcomes, and Programme Specific Outcomes
2. Discussion of the curriculum for Under Graduate course B.E.- Civil Engineering from semester III to VII for Regulation 2019
3. Approval of the curriculum:
 - Under Graduate course B.E.- Civil Engineering from semester III to VII for Regulation 2019
4. Approval of a syllabus:

- Under Graduate course B.E.- Civil Engineering of semester V for Regulation 2019
- Discussion and approval of including NPTEL courses as an elective course in the fifth semester for B.E.-Civil Engineering for Reg 2019 which was approved by the Department Consultative committee.


5. Discussion and approval of one-credit courses for B.E.-Civil Engineering which approved by the Department Consultative committee

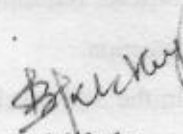
During the deliberations of the 18th Board of Studies meeting, the members recommended the following points for improving the Curriculum.

1. Overall view of the Department of Civil Engineering in the form of Student Achievements, Awards received and MoU's signed for the AY 20-21 was given by the Head of the Department, Dr.R.Malathy.
2. Highlights of the 18th BOS meeting such as the inclusion of advanced technologies such as 3D Printing, AR, VR, etc., Discussing the 5th Semester curriculum & syllabi, NPTEL and 1 credit course were stated by Mr.P.Ashokkumar, Assistant Professor/Civil Engineering Department
3. In the Structural Analysis subject, no reduction in topics was approved by the Expert Committee. Instead, relaxation towards change in Question paper pattern was allowed due to the current pandemic situation.
4. In the Soil Mechanics syllabus, the title of Unit 3 (Vertical Stress Distribution) was changed. Also, the addition of standard reference books was suggested by the expert.
5. As the DRC syllabus concerned, corrections such as the inclusion of introduction to Working Stress Method, analysis of crack width(theory only), changing the unit -3 title to design of slab and staircase, in-unit -5 topics such as Isolated Pad & Rectangular footing, concepts of combined footing(theory only).
6. In Laboratory courses such as CAD drawing, experts suggested including topics useful while undergoing building approval; in the soil mechanics laboratory syllabus few topics were modified and no modifications in the Survey Camp syllabus.
7. Experts suggested offering Remote sensing subjects for other branches such as IT, CSE, etc. Maximum number of Textbooks to be limited to 2 and proper format of textbook/reference to be followed while framing syllabus for all the subjects.
8. For Housing Planning and Management, experts told to include TamilNadu Combined Development rules(recent version) along with Nation Building Code(NBC) in references.
9. In Architecture and Town Planning, instead of Building Byelaws specific topics only to be included; also in Construction practices, topics such as step-by-step procedure in Piling was suggested
10. For Municipal Solid Waste Management, the inclusion of the following topics were suggested by the expert committee: Construction and Demolition Waste Rules, Gas Collection System, Landfill capping, and Landfill Mining
11. Air Pollution specific act to be included in Air Pollution Management syllabus. Textbooks to be verified.

12. When proper Indian author books not available, foreign author books are taken as Textbooks otherwise preference should be given to Indian authors.
13. Only two textbooks for each course and the remaining can be moved to reference books. This will enable the students to refer and buy the books in easy mode.
14. The list of electives provided every semester for the students shall be given a roadmap so that the students can take up courses to develop a specific skill for industry requirements thus provide them with placement opportunities.
15. According to the streams, the electives shall be redistributed so that the students can decide as per their learning internet.

As there was no other item introduced by any member for discussion, the Chairman, BoS, adjourned the meeting. Thanked the members for their participation and valuable suggestions and concluded the meeting.


Dr.D.Jegatheeswaran
Prof.P.Ashokkumar
(Coordinator-BOS)


Dr. R. Malathy
(Chairman-BOS)