

GOVERNMENT COLLEGE OF ENGINEERING, SALEM-11

DEPARTMENT OF CIVIL ENGINEERING

Minutes of the Board of Studies Meeting held on 16.08.2018

The Board of Studies meeting for **M.E. Structural Engineering** under 2018-2019 regulations was held on 16.08.2018 at 11 a.m. in the Seminar Hall of the Department of Civil Engineering.

The following members were present:

Chairman	Dr.D.Shoba Rajkumar, Asso. Prof. & Head /Civil
Members	1.Dr.V.Rajkumar, Asso. Prof./ Civil 2. Dr.K.Sudha, Asst. Prof./Civil 3. Prof.S.Sundari, Asst. Prof./Civil 4. Dr.G.Arunkumar, Asst. Prof./Civil 5. Dr.M.Anbarasu, Asst. Prof./Civil 6. Prof.D.Amali, Asst. Prof/ Civil 7. Prof.P.Senthamilselvi, Asst. Prof./Civil 8. Prof.T.Murugesan, Asst.Prof./Civil
University Nominee	Dr.C.Umarani, Professor, Division of Structural Engineering, College of Engineering, Guindy, Anna university, Chennai.
Two Subject Experts	1.Dr.R.Sundararajan, Registrar, Karpagam Academy of Higher Education, Coimbatore. 2.Dr.V.G.SriSanthi, Professor, Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore.
One Industry Representative	Er. A.V.Sekar, Chartered Engineer and Valuer, Salem.
One PG Alumnus	Dr.M.Sivaraja Principal, NSN College of Engineering and Technology, Karur.

The following are the minutes of the meeting:

The Curriculum for first to fourth semester including the list of electives pertaining to the new AICTE Model Curriculum – 2018 was presented.

The syllabus for first to fourth semester including the list of electives pertaining to the new AICTE Model Curriculum – 2018 was presented.

The following resolutions and decisions were made based on the discussion :

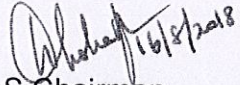
1. In the first semester, for the core course 1, '**Advanced Structural Analysis**', Dr.R.Sundararajan suggested the heading for Unit 2 as "Stiffness Method" and the syllabus content for Unit 4 to be revised.
2. Dr.C.Umarani recommended the title for core course 2 to be modified as '**Theory of Elasticity and Plasticity**'.
3. Program Elective – I, Course: '**Theory of Thin Plates and Shells**'
Dr.C.Umarani suggested to adopt Rayleigh Ritz approach for simple cases in circular plates instead of rectangular plates in Unit 3..
4. Program Elective – I, Course: '**Theory and Application of Cement Composites**'
Dr.M.Sivaraja suggested to include 'Introduction to Engineered Cementitious Composites' in Unit 3.
5. Program Elective – I, Course: '**Theory of Structural Stability**'
It was proposed to elaborate the syllabus content in Unit 2 & 3 by the academic experts.
6. Program Elective – II, Course: '**Structural Health Monitoring**',
Dr.C.Umarani suggested to elaborate the syllabus content in Unit 1 and to add the topic 'Issue of stability certificate' in Unit 3.
7. Core Lab 1 '**Structural Design Lab**'
It was suggested by Er.A.V.Sekar to include Design and detailed drawing of G+3 Structural buildings (Domestic & Commercial) and Industrial structures with steel truss.

8. It was suggested to have the course title for core lab 2 in first semester as **'Concrete and Experimental Stress Analysis Lab'** by all BoS External Members.
9. In semester II, for the core course 3 **'Finite Element Method in Structural Engineering'**, it was suggested by Dr.R.Sundararajan to include the book 'Finite Element Method' by Maria Paz under reference.
10. Program Elective III, Course: **'Advanced Steel Design'**
Dr.C.Umarani suggested to correct the content of the syllabus as bolted and welded connections in Unit 2 and also to include 'Design of beam column' in Unit 4.
11. Program Elective III, Course: **'Design of High Rise Structures'**
Dr.C.Umarani suggested to have 'Analysis & Design of Steel Chimneys' as a separate unit.
12. Program Elective IV, Course: **'Design of Advanced Concrete Structures'**
Dr.V.G.Srisanthi suggested to remove the content 'Design of beams for combined effect of shear, bending moment and torsion'.
13. Program Elective IV, Course: **'Design of Advanced Concrete Structures'**
Dr.V.G.Srisanthi suggested to shift 'Design of Deep Beams' from Unit 2 to Unit 1. The title for Unit 1 was suggested as 'Design of Beams Curved in Plan and Deep beams'.
14. Program Elective IV, Course: **'Advanced Design of Foundations'**
It was suggested by Dr.C.Umarani to include 'Design of Pile Group and Pile Cap' in Unit 3.
15. Program Elective IV, Course: **'Design of Industrial Structures'**
It was suggested by Dr.R.Sundarajan to remove 'Design of pressed steel tank' from Unit 5 and insisted to include 'Hemispherical water tank'.
16. Audit course: **'Disaster Management'**
It was suggested to merge Unit 3 along with Unit 1 by all the external BoS members.

17. It was suggested to include some more courses under Program Electives in first, second and third semesters by all the BoS Members.

18. It was suggested to update the reference books with latest editions by all the BoS members.

After the detailed discussion, the Chairman, BoS Civil thanked all the members of the Board and the meeting came to an end at 4.00 p.m.


BoS Chairman
HoD/ Civil

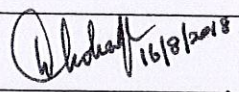
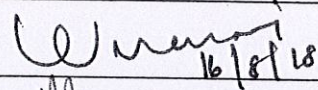
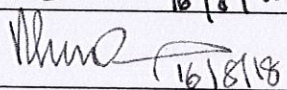
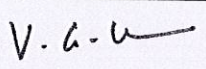
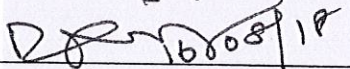
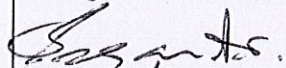
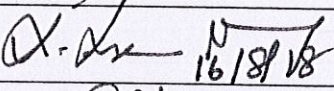

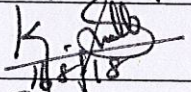
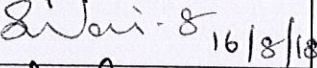
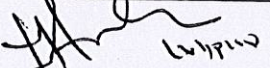
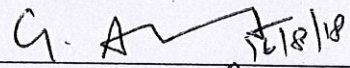
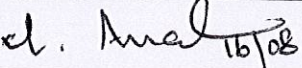
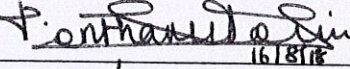
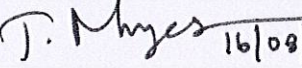
GOVERNMENT COLLEGE OF ENGINEERING, Salem -636 011

(An Autonomous Institution affiliated to Anna University- Chennai)

DEPARTMENT OF CIVIL ENGINEERING

Attendance of First Board of Studies Meeting held on 16.08.2018

The First Board of Studies meeting for the M.E Structural Engineering for 2018 Regulations was held on 16.08.2018 at 11.00a.m in the Seminar hall of the department. The following members were present.

S.No	Name	Position	Signature
1.	Dr. D.Shoba Rajkumar	Chairman & Convener	
2	Dr. C.Umarani,	University Nominee	
3	Dr. R.Sundararajan	Expert Member – Academic	
4	Dr. V.G.Srisanthi	Expert Member – Academic	
5	Dr. M.Sivaraja	Meritorious Alumni	
6	Er. A.V. Sekar	Industrial Expert	
7	Prof.S.Leema Mary	Associate Professor/Mathematics	
8	Dr.V.Rajkumar	Associate Professor	
9	Dr.K.Sudha	Assistant Professor	
10	Prof. S.Sundari	Assistant Professor	
11	Dr.M.Anbarasu	Assistant Professor	
12	Dr.G.Arunkumar	Assistant Professor	
13	Prof.D.Amali	Assistant Professor	
14	Prof. P.Senthamil Selvi	Assistant Professor	
15	Prof. T.Murugesan	Assistant Professor	
16	Ms. P.Yukanthra	Student Member	