



KARPAGAM ACADEMY OF HIGHER EDUCATION  
(Deemed to be University)  
( Established Under Section 3 of UGC Act 1956) Pollachi  
Main Road, Eachanari Post, Coimbatore – 641 021. Faculty  
of Engineering  
DEPARTMENT OF CIVIL ENGINEERING  
Minutes of The Meeting of Board of Studies 2018-19

Minutes of the meeting of the Board of Studies in Civil Engineering held on 11.6.2018 at  
10 am in the Department of Civil Engineering at Karpagam Academy of Higher Education.

Members Present:

1. Dr.N.Balasundaram, professor and Head  
Department of Civil Engineering  
Faculty of Engineering  
Karpagam Academy of Higher Education, Coimbatore – 21

2. Dr.M.Natarajan, Professor  
Department of Civil Engineering  
Faculty of Engineering  
Karpagam Academy of Higher Education, Coimbatore – 21

3. Mr.V.Venugopalan  
Department of Civil Engineering  
Faculty of Engineering  
Karpagam Academy of Higher Education, Coimbatore – 21

4.Mr.V.Johnpaul  
Assistant Professor,  
Department of Civil Engineering  
Faculty of Engineering  
Karpagam Academy of Higher Education, Coimbatore – 21

5.Dr.Sudhakar  
Consulting Civil Engineer,  
Dimension Structural Design,  
RS Puram,  
Coimbatore

The Chairperson welcomed the members of the Board. Leave of absence granted to Dr.C.Rajakumar&Dr.Rajkumar. The Board carefully scrutinized the draft syllabus and after detailed discussion the following resolutions were passed based on the local and global needs.

#### Agenda: 1

To consider and approve introduction of M.E-Water Resources and Environmental Engineering (Part time) under Faculty of Engineering (FOE) from the Academic year 2018-2019.

#### Resolution: 1

Resolved to approve the introduction of M.E-Water Resources and Environmental Engineering (Part time) under Faculty of Engineering (FOE) from the Academic year 2018- 2019.

#### Agenda 2

To consider and approve the Regulations and Syllabus for the following programmes

- . 1.B.E-Civil Engineering
- 2.M.E-Water Resources and Environmental Engineering (Part time)
- 3.Ph.D in Civil Engineering

#### Resolution 2

Resolved to approve the Regulations and Syllabus for the following programme and it comes into effect from 2019-20.

#### 1.B.E-Civil Engineering

Considering the employability, entrepreneurship and skill development the following changes were made. All the courses introduced were new courses.

- ✓ In Computer Aided Civil Engineering Drawing course, It is suggested that the introduction part can be changed into General Introduction and Introduction to computer Aided Drawing.
- ✓ In Engineering Mechanics course, some of the topics were removed like method of sections and Dynamics due to overloading of contents in the course.
- ✓ Some outdated topics were removed in Introduction to Civil Engg course and History of Civil Engineering, Architect and Town Planning topics were removed.
- ✓ In Disaster Preparedness and planning course it is suggested to include Alternative Communication System topic in Module IV.
- ✓ In Introduction to Solid Mechanics course some of the topics were removed like Analysis of Statically determinate Structures and Stress analysis in thin and thick cylinders.
- ✓ In structural Engg course, Cable structures topic is replaced by flat slab and Prestressed concrete Bridge is replaced by Concrete Element.

- ✓ In Construction Engineering and Management Contract recovery topic is included to increase the weightage of the curriculum.
- ✓ In Estimation and Costing course, Introduction to act topic was removed.
- ✓ It is suggested to include Construction Practices course to increase the weightage of curriculum.

## 2. M.E-Water Resources and Environmental Engineering (Part time)

A new programme M.E-Water Resources and Environmental Engineering (Part time) is introduced for the batch 2018-2019 considering the employability, entrepreneurship and skill development.

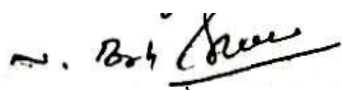

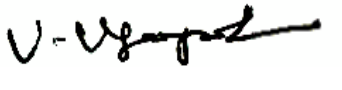

## 2. Ph.D in Civil Engineering

Advanced soil mechanics course and Traffic Engineering and Management course were removed. Theoretical soil mechanics, soil dynamics and machine foundation, soil structure interaction, rock mechanics in engineering practice, reinforced soil structures, Earthquake stress analysis, Rehabilitation and modernization of irrigation structures were added.

The meeting came to an end with a vote of thanks by the Chair.

The UG Programme B.E-Civil Engineering consists of 50 courses out of which courses 21 are offered by other departments. There is a syllabus change in 28 courses and hence total change =  $(28/29) \times 100 = 97\%$

The Ph.D Programme--Civil Engineering consists of 23 courses out of which 8 courses changed and hence total change =  $(8/23) \times 100 = 35\%$

S.NO	Name	Signature
1	Dr.N.Balasundaram	
2	Dr.M.Natarajan	
3	Mr.V.Venugopalan	
4	Mr.V.Johnpaul	
5	Dr.Sudhakar	