

S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD

DEPARTMENT OF CIVIL ENGG.

CIRCULAR

Date : 29/05/2018

This is to inform to all the faculty members that the meeting of Board of Studies (BOS) is scheduled on 02/06/2018 at 10.00am in the chamber of undersigned.


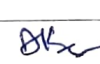







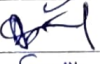







The faculty members shall note that it is permitted to change the syllabus of maximum of 10 % up to VIth semester and 100 % of syllabus change is permitted for VIIth & VIIIth semester. Further, new electives can also be added for VII & VIII semester.

Faculty members are informed to peruse the existing syllabus and suggest suitable changes to the same in the meeting.

It is to further inform that faculty members shall avoid going on leave on that day.



HOD Civil Engineering

SGJ :	VSH :	ITS: T-16	KVP :
PMM : 	DKK : 	RJF : 	UDH : 
BMG : 	MBM: 	NMM: 	SAK : 
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AB: 			

S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD

DEPARTMENT OF CIVIL ENGG.

Date : 29/05/2018

INVITATION

The meeting of BOS is scheduled on 02/06/2018 at 10.00 am in the chamber of undersigned. All the members are invited to attend the same.

1. Dr. S.G. Joshi Prof., Dept. of Civil Engg., SDM CET, Dharwad – 580 002
2. Mr. L.T. Shirkol Prof., Dept. of Civil Engg., SDM CET, Dharwad-580 002
3. Mr. K.V. Pramod Prof., Dept. of Civil Engg., SDM CET, Dharwad- 580 002
4. Dr. U.D. Hakari Associate Prof., Dept. of Civil Engg., SDM CET, Dharwad -580 002
5. Dr. R.J. Fernandes Asst.Prof., Dept. of Civil Engg., SDM CET, Dharwad – 580 002



HOD, Civil Engineering

MEETING EXCERPTS

BOS Meeting

Date: 02.06.2018 Time: 10: 00 am Venue: HoD Chamber, Civil Engg. Dept.

Meeting called by : HOD, Civil Engg.

Agenda:

1. Revision of Syllabus from IIIrd semester to VIIIth semester BE program including addition of new electives.
2. Revision of syllabus of M.Tech Program.
3. Perusal of Engineering Mechanics for I/II semester of 2018 Batch.
4. Any other matter

Deliberations :	
Sl. No.	Matter
1	Dr. M.S.Patil, Head of the Civil Engg. Dept. welcomed the BOS members and all other faculty members.
2	<p>1. Revision of Syllabus from IIIrd semester to VIIIth semester BE program including addition of new electives:</p> <ol style="list-style-type: none">i. A detailed presentation of curriculum from IIIrd to VIIIth semester was made before the BOS. The BOS members and faculty members reviewed the same. Suitable modifications were suggested.ii. Prof Shivareddy of GNDEC, Bidar opined that provision has to be made two course titled "Hydraulic & Hydraulic Mechanics and Open Channel flow". It was decided to include the same as Electives at VII/VIII semester respectively.iii. Prof.Nagakumar of UVC, Bangalore expressed his views to have 2 courses on Transportation Engineering. It was explained that it was not possible due to shortage of credits.iv. Prof. Vinod Hosur, of GIT Belgavi, suggested that few electives which are in VII & VIII Semester be interchanged. The details are as under:<ol style="list-style-type: none">a) EQ Resistant Structures of VII be shifted to VIII semester.b) Construction Contract Management of VII semester be shifted to VIII semester.c) Quality Management System in Civil Engineering of VII semester be shifted to VIII semester.d) Structural Dynamics of VIII semester be shifted to VII semester. <p>Further, the following new electives were suggested.</p>

Dr. Mahesh S. Patil opined that the elective Quality Management System in Civil Engineering be made more relevant to Civil Engg. and hence it requires a complete revision.
All the above suggestions were approved.

New Electives as follows were approved by BOS as below:

- i. Principles and Practice of Construction Project Management” proposed by Dr. U.D. Hakari to be included in VIII semester.
- ii. Introduction to Bridge Engineering proposed by Prof. K. V. Pramod to be included in VII semester.
- iii. Design of Bridges proposed by Prof. K.V. Pramod to be included in VIII semester.

Further, it was discussed that “Pre stressed Concrete”, earlier elective at VI semester to be made a core subject at VII semester.

3

Revision of syllabus of M.Tech Program:

The syllabus of M.Tech program was presented. All the courses were reviewed. Dr. Vinod Hosur of GIT, Belagavi and other members deliberated on the same.

The Program Core 1 and Program Core 2 were decided. The details are as under:

I SEMESTER

Program Core 1 : Computational Structural Mechanics – Classical and FE Approach

Program Core 2 : Continuum Mechanics –Classical and FE Approach

Electives:

1. Structural Dynamics -Theory & Computations
2. Structural Optimization - Theory & Computations
3. AI and Expert Systems in Structural Engineering
4. Action and Response of Structural Systems
5. Geotechnical Aspects of Foundations and Earth Retaining Structures
6. Numerical Methods and Programming
7. Composite and Smart Materials

II SEMESTER

Program Core 1 : Structural Stability Analysis - Classical and FE Approach

Program Core 2 : Advanced Design of Reinforced Concrete Structural Elements

Electives:

1. Analysis of Plates - Classical and FE Approach
2. Reliability Analysis and Design of Structural Elements
3. Advanced Design of Steel Structures
4. Design of Stack Tower and Water Storage Structural Systems
5. Seismic Resistant Design of Structural Systems
6. Advanced Structural Dynamics
7. Computer Aided Design of Substructures

III semester:

Program Core 3 : Analysis and Design of Shell Roof Structures – Classical and FE Approach

Project Phase –I

Internship in Industry/R&D organization: All the students shall carry out the internship after the end of II semester for 6 to 8 weeks. Else, they shall choose one more elective from the group given for the III semester.

Electives for III semester

1. Design of Precast & Composite Structures
2. Advanced Mechanics of Materials

	<p>3. Advanced Design of Pre-Stressed Concrete Structures 4. Design of Substructures 5. Design of Structural Systems In Bridges</p> <p>IV semester: Project Phase -II</p> <p>Further, it was recommended that Structural Optimization should be dealt as relevant to structures and not mathematics.</p> <p>The committee authorized the department to work out the detailed scheme and syllabus.</p>
4	Perusal of Engineering Mechanics for I/II semester of 2018 Batch : The syllabus was presented and some useful recommendations were made. It was decided that all important chapters be retained while reducing the same from 4 credits to 3 credits.
5	Any other matter: NIL
6	The meeting ended with vote of thanks.



HOD, Civil Engg.

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