

2016 - 2017

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR
(AUTONOMOUS)**

1st BoS Meeting of Civil Engineering (CE)

Date: 08-07-2016

The 1st meeting of Board of Studies (BoS) in Civil Engineering is held on 08 July 2016 at 01.30 PM in the Department of Civil Engineering, Siddharth Institute of Engineering & Technology, Puttur, Chittoor –Dist.

As per the UGC (University Grant Commission) guidelines, the Choice Based Credit System (CBCS) and electives have been implemented in the curriculum.

Dr. S. Siddiraju, Chairman BoS chaired the meeting and welcomed all the members to the first BoS meeting and discussed about the following agenda

Agenda:

1. Preparation of course structure for UG & PG in CE w.e.f., 2016-17.
2. Preparation of syllabi for I & II year UG & PG in CE w.e.f., 2016-17.
3. Preparation of syllabus for the subjects offered to other branches w.e.f., 2016-17.
4. Suggesting Panel of Question Paper setters.
5. Suggesting Panel of Examiners.
6. Any other item.

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After a brief introduction the agenda items listed above were taken up for discussion and the following resolutions were passed.

Minutes:

Agenda: 1

Preparation of course structure for UG & PG in CE w.e.f., 2016-17.

Resolution: 1

After the detailed discussion the course structure for UG & PG in CE is prepared (given in **Annexure –I**) and is applicable from the A.Y., 2016-17.

Agenda: 2

Preparation of syllabus for I & II year UG & PG in CE w.e.f., 2016-17.

Resolution: 2

After the thorough discussion syllabi was framed to make the students acquire the required technical knowledge and skills. The syllabi framed for the I and II year of UG & PG. in CE (given in **Annexure –II**) and is applicable from the A.Y., 2016-17.

A. Course & Syllabus Comparison

With reference to the R15 regulations, the new regulation (R16) syllabus for I & II Year has the following modifications, which are given in the below table.

I & II B.Tech

S. No	R15 Regulation	R16 Regulation	Percentage of course content changed
1	Functional English	Functional English	0
2	Mathematics – I	Engineering Mathematics – I	0
3	Computer Programming	Computer Programming	0
4	Engineering Physics	Engineering Physics	0
5	Engineering Drawing	Engineering Graphics	20
6		Human Values & Professional Ethics	100
7	English Language	English Language and	0

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	Communication Skills Lab	Communication Skills Lab	
8	Engineering Physics Lab	Engineering Physics Lab	0
9	Computer Programming Lab	Computer Programming Lab	30
10	English for Professional Communication	Professional English	0
11	Mathematics – II	Engineering Mathematics – II	0
12	Engineering Mechanics	Engineering Mechanics	47
13	Engineering Chemistry	Engineering Chemistry	0
14	Environmental Studies	Environmental Studies	20
15	Applied Mechanics Lab	Applied Mechanics Lab	0
16	Engineering Chemistry Lab	Engineering Chemistry Lab	0
17	Engineering & IT Workshop	Engineering & IT Workshop Lab	0
18	Mathematics - III	Engineering Mathematics – III	0
19	Electrical and Mechanical Technology	Electrical & Mechanical Technology	15
20	Building Materials and Construction	Building Materials & Construction	90
21	Strength of Materials – I	Strength of Materials – I	15
22	Surveying – I	Surveying	50
23	Fluid Mechanics	Fluid Mechanics	75
24	Surveying Laboratory – I	Surveying Lab – I	0
25	Strength of Materials Laboratory	Strength of Materials Lab	0
26		Data Structures through C	100
27	Probability and Statistics	Probability & Statistics	0
28	Strength of Materials – II	Strength of Materials – II	20
29		Building Planning & Drawing	100
30	Hydraulics & Hydraulic Machinery	Hydraulics & Hydraulic Machinery	25

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31	Fluid Mechanics & Hydraulic Machinery Laboratory	Fluid Mechanics & Hydraulic Machinery Lab	0
32	Surveying Laboratory – II	Surveying Lab – II	0
33		Computer Aided Drawing Lab	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
I & II Year B.Tech CE	33	24.45

B. Course Relevance

The course that comes under the category of Employability, Skill or Entrepreneurship development is shown in the table below.

S.No	Course Title	Course Code	Relevance
1	Functional English	16HS601	Skill Development
2	Computer Programming	16CS501	Skill Development
3	Human Values & Professional Ethics	16HS606	Skill Development
4	Computer Programming Lab	16CS502	Skill Development
5	Engineering & IT Workshop Lab	16ME301	Skill Development
6	Professional English	16HS610	Skill Development
7	Engineering Graphics	16ME302	Skill Development
8	Engineering Mechanics	16CE101	Skill Development
9	English Language and Communication Skills Lab	16HS607	Skill Development
10	Applied Mechanics Lab	16CE102	Skill Development
11	Electrical & Mechanical Technology	16EE209	Employability
12	Strength of Materials – I	16CE103	Skill Development
13	Surveying	16CE105	Skill Development
14	Fluid Mechanics	16CE106	Skill Development
15	Building Materials & Construction	16CE107	Employability
16	Surveying Lab – I	16CE108	Skill Development
17	Strength of Materials Lab	16CE109	Skill Development
18	Data Structures through C	16CS503	Skill Development

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19	Environmental Studies	16HS605	Skill Development
20	Building Planning & Drawing	16CE110	Skill Development
21	Strength of Materials – II	16CE111	Skill Development
22	Hydraulics & Hydraulic Machinery	16CE113	Skill Development
23	Surveying Lab – II	16CE114	Skill Development
24	Computer Aided Drawing Lab	16CE115	Skill Development
25	Fluid Mechanics & Hydraulic Machinery Lab	16CE116	Skill Development
26	Comprehensive Soft Skills	16HS614	Skill Development

A. Course & Syllabus Comparison

With reference to the R09 regulations, the new regulation (R16) syllabus for I & II Year has the following modifications, which are given in the below table.

I & II Year M.Tech (Structural Engineering)

S. No	R09 Regulation	R16 Regulation	Percentage of course content changed
1	Advanced Structural Analysis	Advanced Structural Analysis	0
2	Theory of Elasticity and Plasticity	Theory of Elasticity	3
3	Experimental Stress Analysis	Experimental Stress Analysis (ESA)	15
4	Advanced Structural Design	Advanced Reinforced Concrete Design	75
5	Low cost Housing Techniques	Low Cost Housing Techniques	10
6	Prestressed concrete	Advanced Prestressed Concrete	5
7		Structural Engineering Lab	100
8	Structural Dynamics	Structural Dynamics (SD)	70
9	Finite Element Method	Finite Element Methods	5
10	Stability of Structures	Stability of Structures (SS)	0
11	Analysis of shells and folded plates	Theory And Design of Plates and Shells	85
12	Design of Bridges	Bridge Engineering	15
13	Concrete Technology	Advanced Concrete Technology	85
14	Earthquake Resistant	Earthquake Resistant	0

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	Structures	Structures(ERS)	
15	Advanced steel structures	Advanced Structural Steel Design	100
16	Building Construction Management	Construction Project Management (CPM)	100
17		Pre-fabricated Concrete Structures	100
18		Computing Techniques Lab	100
19	Seminar	Seminar	0
20	Project work	Project work	0

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
I & II Year M.Tech (SE)	20	43.40

B. Course Relevance

The courses that come under the category of Employability, Skill or Entrepreneurship development are shown in the table below.

S.No	Course Title	Course Code	Relevance
1	Advanced Concrete Technology	16CE2001	Skill Development
2	Theory of Elasticity	16CE2002	Skill Development
3	Advanced Structural Analysis	16CE2003	Skill Development
4	Structural dynamics (SD)	16CE2004	Skill Development
5	Advanced Prestressed Concrete	16CE2005	Employability
6	Low Cost Housing Techniques	16CE2006	Skill Development
7	Bridge Engineering	16CE2007	Employability
8	Pre-fabricated Concrete Structures	16CE2008	Employability
9	Structural Engineering Lab	16CE2009	Skill Development
10	Advanced Reinforced Concrete Design	16CE2010	Employability
11	Advanced Structural Steel Design	16CE2011	Employability
12	Finite Element Methods	16CE2012	Employability
13	Theory And Design of Plates and Shells	16CE2013	Employability
14	Stability of Structures (SS)	16CE2014	Skill Development

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15	Experimental Stress Analysis (ESA)	16CE2015	Skill Development
16	Construction Project Management (CPM)	16CE2016	Employability
17	Earthquake Resistant Structures(ERS)	16CE2017	Employability
18	Computing Techniques Lab	16CE2018	Skill Development
19	Seminar	16CE2019	Employability
20	Project Work	16CE2020	Employability

Modifications described above are carried out to the curriculum after discussions in the BoS by considering the feedback/suggestions from the stakeholders viz. students, alumni, faculty and employers.

Agenda: 3

Preparation of syllabi for the subjects offered to other branches w.e.f. 2016-17.

Resolution: 3

After the thorough discussion syllabus was prepared and finalized for the subjects offered to other branches (given in **Annexure-III**) and is applicable from the A.Y., 2016-17.

Agenda: 4

Suggesting Panel of question paper setters.

Resolution: 4

The panel of question paper setters was suggested (given in **Annexure –IV**):

Agenda: 5

Suggesting Panel of examiners.

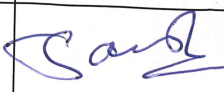
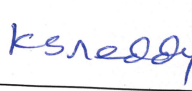
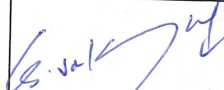
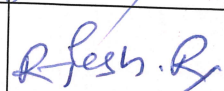
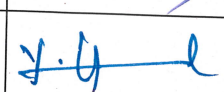

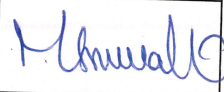
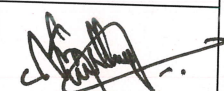
Resolution: 5

The panel of examiners for valuation was suggested (given in **Annexure –V**).

The above items were discussed, debated and the necessary approval was accorded by the BoS.

The meeting was concluded with vote of Thanks proposed by the Chairman-BoS.

Members Present

S.No.	Name of the member	Designation/Organization	Role in the BOS	Signature
1	Dr. S. Siddiraju	Professor & H.O.D. – SIETK	Chairman	
2	Dr. K. Chandrasekhar Reddy	Professor & Principal – SIETK	Member	
3	Mr. C. Siva Kumar Prasad	Associate Professor – SIETK	Member	
4	Mr. R. Rajesh Kumar	Assistant Professor- SIETK	Member	
5	Mr. Y. Guru Prasad	Assistant Professor- SIETK	Member	
6	Dr. Gunneswara Rao. T.D	Professor, NIT Warangal.	Member	
7	Dr. K.N. Satyanarayana	Professor, IIT Madras.	Member	ABSENT
8	Dr. M. Srimurali	Professor, SV University, Tirupati.	Member	
9	Dr. N. Krishnamurthy	Assistant Executive Engineer, HNSS, Sub Division no:1 Madanapalle – 517325.	Member	
10	Mr. S. Anil Kumar Reddy	Project Coordinator Equus Infra project Pvt. Ltd., Hyderabad.	Member	