

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR**(AUTONOMOUS)****4th BoS Meeting of Civil Engineering (CE)**

Date: 14-08-2019

The 4th meeting of Board of Studies (BoS) in Civil Engineering is held on 14th August. 2019 (Wednesday) at 1:30 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.

Mr. C. Siva Kumar Prasad, Chairman BoS chaired the meeting and welcomed all the members to the 4th BoS meeting and discussed the following agenda

Agenda:

1. Approval of course structure for I year UG & PG in Civil w.e.f., A.Y.2019-20.
2. Approval of syllabus for I year UG & PG in Civil w.e.f., A.Y.2019-20.
3. Approval of syllabus for the subjects offered to various branches w.e.f. 2019-20.
4. Approval of Panel of Question Paper setters.
5. Approval of Panel of Examiners.
6. Any other item with the permission of Chair

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

Minutes:

Agenda: 1

Approval of course structure for I year UG & PG in Civil w.e.f., A.Y.2019-20

Resolution: 1

After detailed discussion the BoS resolved to approve the course structure for I year UG & PG (Civil) (given in **Annexure –I**) applicable from the A.Y.2019-20.

Agenda: 2

Approval of syllabus for I year UG & PG in Civil w.e.f., A.Y.2019-20

Resolution: 2

After the thorough discussion syllabus was framed to make the students acquire the required technical knowledge and skills. The BoS resolved to approve the syllabi framed for the I year B. Tech. & M. Tech. (I & II-Semesters) (given in **Annexure-II**)

A. Course & Syllabus Comparison

With reference to the R18 regulations, the new regulation (R19) syllabus for I year has the following modifications, which are given in the below table.

I B.Tech

S. No	R18 Regulation	R19 Regulation	Percentage of course content changed
1	Physics	Engineering Physics	0
2	Mathematics – I	Algebra and Calculus	60
3	Engineering Mechanics	Engineering Mechanics	0
4	Physics Lab	Engineering Physics Lab	0
5		Python Programming	100
6		Python Programming Lab	100
7	Workshop Practice Lab	Workshop Practice Lab	0
8	Chemistry	Engineering Chemistry	40

9	Mathematics – II	Differential Equations and Vector Calculus	60
10		Strength of Materials – I	100
11	English	Communicative English	10
12	Engineering Graphics & Design	Engineering Graphics	10
13	Chemistry Lab	Engineering Chemistry Lab	0
14	English Lab	Communicative English Lab	0
15	Indian Constitution	Indian Constitution	0

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
I Year B.Tech CE	15	32.00

B. Course Relevance

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

S.No	Course Title	Course Code	Relevance
1	Python Programming	19CS0501	Skill Development
2	Python Programming Lab	19CS0502	Skill Development
3	Communicative English	19HS0810	Skill Development
4	Engineering Graphics	19ME0302	Skill Development
5	Engineering Mechanics	19CE0101	Skill Development
6	Communicative English Lab	19HS0811	Skill Development
7	Workshop Practice Lab	19ME0301	Skill Development
8	Indian Constitution	19HS0816	Employability

A. Course & Syllabus Comparison

With reference to the R18 regulations, the new regulation (R19) syllabus for I year has the following modifications, which are given in the below table.

I M.Tech (Structural Engineering)

S. No	R18 Regulation	R19 Regulation	Percentage of course content changed
1	Advanced Structural Analysis	Advanced Structural Analysis	0

2	Advanced Solid Mechanics	Advanced Solid Mechanics	0
3	Theory of Thin Plates and Shells	Theory of Thin Plates and Shells	100
4	Theory and Applications of Cement Composites	Theory and Applications of Cement Composites	0
5	Theory of Structural Stability	Theory of Structural Stability	0
6	Analytical and Numerical Methods for Structural Engineering	Analytical and Numerical Methods for Structural Engineering	0
7	Structural Health Monitoring	Structural Health Monitoring	100
8	Structural Optimization	Structural Optimization	0
9	Structural Design Lab	Structural Design Lab	0
10	Advanced Concrete Lab	Advanced Concrete Lab	0
11	Research Methodology and IPR	Research Methodology and IPR	100
12	English for Research Paper Writing	English for Research Paper Writing	0
13	FEM in Structural Engineering	FEM in Structural Engineering	0
14	Structural Dynamics	Structural Dynamics	0
15	Advanced Steel Design	Advanced Steel Design	100
16	Design of Formwork	Design of Formwork	0
17	Design of High Rise Structures	Design of High-Rise Structures	100
18	Design of Masonry Structures	Design of Masonry Structures	100
19	Design of Advanced Concrete Structures	Design of Advanced Concrete Structures	60
20	Advanced Design of Foundations	Advanced Design of Foundations	100
21	Soil Structure Interaction	Soil Structure Interaction	100
22	Design of Industrial Structure	Design of Industrial Structure	100
23	Model Testing Lab	Model Testing Lab	100
24	Numerical Analysis Lab	Numerical Analysis Lab	0
25	Mini Project	Mini Project	0
26	Constitution of India	Constitution of India	0

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
I Year M.Tech (SE)	26	40.77

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	Research Methodology and IPR	19HS0823	Employability
2	Advanced Structural Analysis	19CE1001	Skill Development
3	Advanced Solid Mechanics	19CE1002	Skill Development
4	Theory of Thin Plates and Shells	19CE1008	Skill Development
5	Theory and Applications of Cement Composites	19CE1009	Skill Development
6	Theory of Structural Stability	19CE1010	Skill Development
7	Analytical and Numerical Methods for Structural Engineering	19HS0837	Skill Development
8	Structural Health Monitoring	19CE1011	Skill Development
9	Structural Optimization	19CE1012	Skill Development
10	Structural Design Lab	19CE1003	Skill Development
11	Advanced Concrete Lab	19CE1004	Skill Development
12	English for Research Paper Writing	19HS0818	Skill Development
13	FEM in Structural Engineering	19CE1005	Employability
14	Structural Dynamics	19CE1006	Skill Development
15	Advanced Steel Design	19CE1013	Employability
16	Design of Formwork	19CE1014	Employability
17	Design of High-Rise Structures	19CE1015	Employability
18	Design of Masonry Structures	19CE1016	Employability
19	Design of Advanced Concrete Structures	19CE1017	Employability
20	Advanced Design of Foundations	19CE1018	Employability
21	Soil Structure Interaction	19CE1019	Skill Development
22	Design of Industrial Structure	19CE1020	Employability
23	Model Testing Lab	19CE1007	Skill Development
24	Numerical Analysis Lab	19HS0838	Skill Development
25	Constitution of India	19HS0829	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

Approval of syllabus for the subjects offered to various branches w.e.f. 2019-20

Resolution: 3

After the thorough discussion syllabus was framed to make the students acquire the required technical knowledge and skills. The BoS resolved to approve the syllabi framed for the subjects offered to various branches (given in **Annexure-III**).

Agenda: 4

Approval of Panel of Question Paper setters

Resolution: 4

Approved the panel of question paper setting (given in **Annexure –IV**) to be submitted to the college academic council for approval.

Agenda: 5

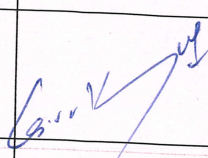
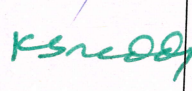
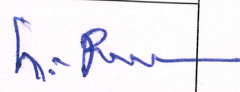
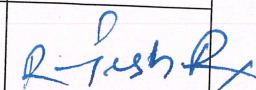
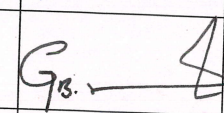
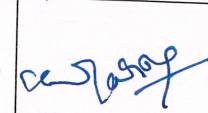
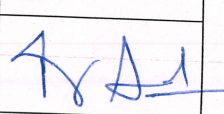
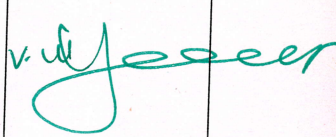
Approval of Panel of Examiners

Resolution: 5

Approved the panel of examiners prepared for valuation (given in **Annexure –V**) to be submitted to the college academic council for approval.

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	Mr. C Siva Kumar Prasad	Associate Professor & HOD - SIETK	Chairman	
2	Dr. K Chandrasekhar Reddy	Professor & Principal - SIETK	Member	
3	Dr. G Prabhakaran	Professor - SIETK	Member	
4	Mr. R Rajesh Kumar	Assistant Professor- SIETK	Member	
5	Mr. Vinodh Kumar Balaji	Assistant Professor- SIETK	Member	
6	Dr. M Chandrasekhar	Professor, NIT Warangal.	Member	
7	Dr. D V Prasada Rao	Professor, SV University, Tirupati.	Member	
8	Dr. B Krishna Prapoorna	Associate Professor, IIT Tirupati.	Member	ABSENT
9	Er. V Vidya Suman	Deputy Executive Engineer, Govt. of Telangana, Irrigation & CAD Dept., Engineer in Chief (I), Jalasoudha, Errammanzil, Hyderabad.	Member	
10	Mr. M Murali	Assistant Professor , Sree Rama Engineering College, Karakambadi Road, Tirupati.	Member	