

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::RAJAMPET
(AN AUTONOMOUS INSTITUTION)
DEPARTMENT OF CIVIL ENGINEERING
III-BOS MINUTES: 2015-2016

Date-05-06-2015

The minutes of BOS held at 11:30 AM on Friday 05-06-2015 in connection with civil engineering course structure, scheme of instructions and syllabi, at institute premises AITS, Rajampet.

Agenda:

- To finalize the course structure, Regulations and syllabi of R-15 regulations.
- Introduction of open electives and Massive open online course to curriculum

Disaster Management
System modelling & simulation
Total Quality Management
Integrated product development
Nano Technology & Applications
Medical Instrumentation
.Net Technologies
Cyber laws
Intellectual Property Rights
Human Resource Management

A discussion on Introduction of new courses

English through literature
Problem solving techniques and Introduction to C Programming
Engineering Mechanics - Statics
Engineering Graphics-I
English Language Communications Skills Lab-I
Programming through C lab
C Programming and Data structures
Engineering mechanics-Dynamics
Engineering Graphics-II
English language communication skills lab-II
Programming in C & Data structures lab
Technical English
Engineering Workshop
IT Workshop

Green buildings
Transportation Engineering lab
Concrete Technology lab
Water Resource Engineering-I
Water Resource Engineering-II
Massive Open online course
Advanced Environmental Engineering
Foundation Engineering
CAD & STAAD Lab

- Any other item with permission of chair.

The following are the members of the committee :

1. Dr.H.Sudarshan RaoUniversity nominee
Professor & Rector,
JNTUA, Anantapuramu
2. Dr.P.SriChandana,-Chair person
Head, Dept of CIVIL Engg,
AITS, Rajampet, Kadapa Dt.
3. Dr.N.V.Ramana,Member
Professor, Subject expert,
UBDT,Dawangiri,VTU, Belgaum.
4. Mr.P.Manoharam-Member
Dy.Chief Engineer,(CAD),
TTD, AD.Block, Tirupathi.
5. Dr.SMVNarayana-Member
Principal,
AITS, Rajampet, Kadapa Dt.
6. Dr.IVRamana Reddy- Member
Professor,
S.V. University, TPT.
7. Mr.T.Nareshkumar -Member
Asst. Professor,
AITS, Rajampet, Kadapa Dt.
8. Ms.N.R.Gowthami-Member
Assistant professor,
AITS, Rajampet, Kadapa Dt.




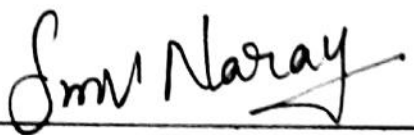
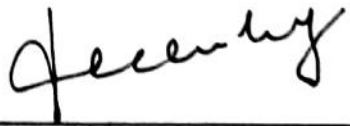

The following are Resolutions of BOS members:

- The committee went through the course structure, scheme of instructions and syllabi for I, II, III & IV B.Tech Civil Engineering programme R-15 Regulations as enclosed in ANNEXURE-I
- The M.Tech structural engineering programme has finalized as it remains same as previous regulation excepting advanced concrete technology subject is revised.
- Conversion of 1st year B.Tech in to semester system from yearly pattern.
- Finalized the syllabi for IV year B.Tech-courses.
- Engineering mechanics is revised and divided in to Engineering mechanics- Statics-5G511 & Engineering mechanics-Dynamics-5G521.
- Engineering graphics is revised and divided in to Engineering graphics-1(5G512) & Engineering graphics-2 (5G522).
- Introduced a new value added course for M.Tech –II Sem i.e., Construction planning and management.
- Revised the syllabus of Advanced Concrete Technology (PG) 5PT626.
- Concluded to introduce all the 10 open electives offered by different departments as shown in ANNEXURE-I.
- Civil engineering department is concluded to offer disaster management as its open elective.
- Conclude to introduce all of these new courses as enclosed.

English through literature
Problem solving techniques and Introduction to C Programming
Engineering Mechanics - Statics
Engineering Graphics-I
English Language Communications Skills Lab-I
Programming through C lab
C Programming and Data structures
Engineering mechanics-Dynamics
Engineering Graphics-II
English language communication skills lab-II
Programming in C & Data structures lab
Technical English
Engineering Workshop
IT Workshop
Green buildings
Transportation Engineering lab
Concrete Technology lab

Water Resource Engineering-I
Water Resource Engineering-II
Massive Open online course
Advanced Environmental Engineering
Foundation Engineering
CAD & STAAD Lab

- The total percentage of revisions concluded to 17.12%.
- Surveying camp is introduced to the choice of student either seminar or survey camp.
- Best of two mid exams is converted to 80% as best and 20% as next.

S.No	Name of the members	Signature of the members
1.	Dr.H.Sudarshan Rao - University nominee Professor & Rector, JNTUA, Anantapuramu	
2.	Dr.P.SriChandana- Chair person, Head, Dept of CIVIL Engg, AITS, Rajampet, Kadapa Dt.	
3.	Dr.N.V.Ramana - Member Professor, Subject expert, UBDT, Dawangiri, VTU, Belgaum	
4.	Mr.P.Manoharam- Member, Dy.Chief Engineer,(CAD) TTD, AD.Block, Tirupathi.	
5.	Dr.SMVNarayana-Member Principal, AITS, Rajampet, Kadapa Dt.	
6.	Dr.IVRamana Reddy- Member Professor, S.V. University, TPT.	
7.	Mr.T.Nareshkumar-Member Asst. Professor, AITS, Rajampet, Kadapa Dt.	
8.	Ms.N.R.Gowthami- Member Assistant professor, AITS, Rajampet, Kadapa Dt.	

ANNEXURE-I

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
DEPARTMENT OF CIVIL ENGINEERING**

Regulations :R15

Programme Code: G6

I Year B. Tech., I Semester

Subject Code	Subject Name	Hours / Week			C
		L	T	P	
5GC11	English through Literature	2	1	0	2
5GC12	Engineering Chemistry	4	1	0	4
5GC14	Engineering Mathematics-I	3	1	0	3
5G111	Problem solving techniques and Introduction to C Programming	3	1	0	3
5G511	Engineering Mechanics - Statics	3	1	0	3
5G512	Engineering Graphics -I	2	--	6	5
5GC16	ELCS Lab-I	--	--	3	2
5GC17	Engineering Chemistry Lab	--	--	3	2
5G113	Problem Solving Through C Lab	--	--	3	2
5G514	Engineering Workshop	--	--	3	2
Total		17	5	18	28

I Year B. Tech., II Semester

Subject Code	Subject Name	Hours / Week			C
		L	T	P	
5GC21	Technical English	2	1	0	2
5GC23	Engineering Physics	4	1	0	4
5GC24	Engineering Mathematics-II	3	1	0	3
5G121	C programming and Data Structures	3	1	0	3
5G521	Engineering Mechanics -Dynamics	3	1	0	3
5G522	Engineering Graphics -II	2	--	6	5
5GC26	ELCS Lab-II	--	--	3	2
5GC28	Engineering Physics Lab	--	--	3	2
5G123	Programming in C and Data Structures Lab	--	--	3	2
5G124	IT Workshop	--	--	3	2
Total		17	5	18	28

II Year B. Tech., I Semester

Subject Code	Subject Name	Hours / Week			C
		L	T	P	
5GC31	Engineering Mathematics-III	3	1	0	3
5G538	Electrical and Mechanical Technology [*]	3	1	0	3
5G631	Strength of Materials-I	3	1	0	3
5G632	Surveying	3	1	0	3
5G633	Fluid Mechanics	3	1	0	3
5G634	Building Materials and Construction	3	1	0	3
5GC35	Aptitude & Reasoning skills	2	--	--	2

5G635	Surveying Lab-I	0	0	3	2
5G636	Strength of Materials Lab	0	0	3	2
Total		20	12	6	24

II Year B. Tech., II Semester

Subject Code	Subject Name	Hours / Week			C
		L	T	P	
5GC42	Probability and Statistics	3	1	0	3
5GC43	Environmental Science	3	1	0	3
5G641	Strength of Materials-II	3	1	0	3
5G642	Hydraulics and Hydraulic Machinery	3	1	0	3
5G643	Structural Analysis-I	3	1	0	3
5G644	Building Planning and Drawing	3	1	0	3
5G645	Fluid Mechanics and Hydraulics Hydraulic Machinery Lab	0	0	3	2
5G646	Surveying Lab II	0	0	3	2
5G647	Seminar - I	0	2	0	2
Total		18	8	6	24

III Year B. Tech., I Semester

Subject Code	Subject Name	Hours / Week			C
		L	T	P	
5GA51	Managerial Economics and Financial Analysis	3	1	0	3
5G651	Structural Analysis-II	3	1	0	3
5G652	Engineering Geology	3	1	0	3
5G653	Water Resource Engineering -I	3	1	0	3
5G654	Environmental Engineering-I	3	1	0	3
5G655	Design and Drawing of Reinforced Concrete Structures	3	1	0	3
5GC52	English for Competitive Examination	2	1	0	2
5G656	Environmental Engineering Lab	0	0	3	2
5G656	Engineering Geology Lab	0	0	3	2
Audit course	*Advanced English communication skills lab	0	0	3	0
Total		20	7	9	24

III Year B. Tech., II Semester

Subject Code	Subject Name	Hours / Week			C
		L	T	P	
5G661	Water Resource Engineering-II	3	1	0	3
5G662	Advanced RCC Design	3	1	0	3
5G663	Geotechnical Engineering	3	1	0	3
5G664	Transportation Engineering	3	1	0	3
PROFESSIONAL ELECTIVE I		3	1	0	3
5G665	Environmental Engineering-II				
5G666	Ground Improvement Techniques				
5G667	Green Buildings				

5G668	Advanced Structural Analysis				
PROFESSIONAL ELECTIVE II					
5G669	Construction Planning and Project Management	3	1	0	3
5G66A	Finite Element Method for civil Engineering				
5G66B	Earth Quake Resistant Design				
5G66C	Environmental Impact Assessment for Infrastructure Projects				
5G66D	Transportation Engineering Lab				
5G66E	Geotechnical Engineering Lab	0	0	3	2
5G66G	Seminar-II/Surveying camp	0	0	3	2
Audit course	Professional Ethics / Stress Management	0	0	2	2
		--	--	2	0
Total		18	6	8	24

IV Year B. Tech., I Semester

Subject Code	Subject Name	Hours / Week			C
		L	T	P	
5G671	Foundation Engineering	3	1	0	3
5G672	Design and Drawing of steel structures	3	1	0	3
5G673	Bridge Engineering	3	1	0	3
5G674	Concrete Technology	3	1	0	3
PROFESSIONAL ELECTIVE III					
5G675	Prestressed concrete	3	1	0	3
5G676	Railway Docks and Harbour Engineering				
5G677	Advanced Environmental Engineering				
5G678	Ground water development and management				
OPEN ELECTIVE					
5G67D	CAD and STAAD Lab	3	1	0	3
5G67E	Concrete Technology Lab	0	0	3	2
5G67F	Comprehensive Civil Engineering	0	2	0	2
Total		18	8	6	24

LIST OF OPEN ELECTIVES SUBJECTS		Offered By Department of
5G679	Disaster Management	CE
5G27C	System Modelling and Simulation	EEE
5G57D	Total Quality Management	ME
5G57E	Integrated Product Development	ME
5G377	Nano Technology and Applications	ECE
5G378	Medical Instrumentation	ECE
5G178	.NET Technologies	CSE
5G473	Cyber Laws	IT
5GA71	Intellectual Property Rights	DBA
5GA72	Human Resource Management	DBA