

BOARD OF STUDIES

MINUTES OF MEETING

Legend

Yellow – About New Courses

Green – About CBCS

Pink - Course Structure and Syllabus Discussion



Minutes of 1st Board of Studies (BoS) Meeting in Department of Civil Engineering held on 27th August 2014

The 1st Board of Studies(BoS) meeting, Dept. of Civil Engineering, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 27th August 2014 at 14:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. K. Rama Chandra Reddy	Chairman	
2	Prof. B. Dean Kumar	JNTU Nominee	
3	Prof.M.Koti Reddy	Member	
4	Prof.V.Bhikshma	Member	
5	Prof.K.V.Ramana Reddy	Member	
6	Mr.T.V.Rao	Member	
7	Prof. N.Murali Krishna	Member	
8	Mr. C. Manikanta Reddy	Member	
9	Mr. Sk. Md. Rafi	Member	
10	Ms. M. Swetha	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt), Telangana-508206

Minutes of 1st Board of Studies (BoS) Meeting in Department of Civil Engineering held on 27th August 2014

Item No. 1: Proposal of Course Structure and Syllabus for I B.Tech I and II Semester and Approval

The Chairman presented the proposed course structure for I B.Tech (Civil Engineering) I and II semester along with syllabus of respective courses (Annexure-I). The Members elaborately discussed existing I B.Tech (Civil Engineering) course structure of affiliating university, JNTUH, with the proposed course structure (Annexure-I).

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for I B.Tech (Civil Engineering) I and II Semester presented in Annexure-I.

Item No. 2: Proposal of Course Structure and Syllabus for I M.Tech I and II Semester and Approval

The Chairman presented the course structure for I M.Tech (Transportation Engineering, Structural Engineering) - I and II semester along with syllabus of respective courses (Annexure-II). The Chairman informed the members that the affiliating university, JNTUH, course structure and syllabus will be followed for the M.Tech programmes.

Resolution (2) : The members approved the course structure and syllabus to be taught for I M.Tech (Transportation Engineering, Structural Engineering) I and II semester.


Noted and Approved.

Item No. 3: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-III) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.


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Suryapet (Dt.), Telangana-508206

Item No. 4: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The Board has empowered the Chairman to finalize panel of examiners for conduct examinations of I B.Tech- I & II semesters and I M.Tech- I & II semesters for the A.Y.2014-15.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

Board of Studies

Department of Civil Engineering



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ANNEXURE – I

COURSE STRUCTURE (R15) UNDER CBCS M.TECH (STRUCTURAL ENGINEERING)

I Year I Semester

Sub. Code	Category	Subject Name	L	P	C
A31012	Core Course I	Theory of Elasticity and plasticity	4	0	4
A31013	Core Course II	Advanced structural analysis	4	0	4
A31014	Core Course III	Advanced Reinforced Concrete Design	4	0	4
A31015	Core Elective-I	Concrete Technology	4	0	4
A31016	Core Elective-I	Experimental Stress Analysis			
A31017	Core Elective-I	Optimization Techniques in Structural Engineering			
A31018	Core Elective-II	Theory and Analysis of plates			
A31019	Core Elective-II	Soil dynamics and foundation Engineering	4	0	4
A31020	Core Elective-II	composite materials			
A31021	Open Elective I	Computer Oriented Numerical Methods	4	0	4
A31202	Open Elective I	Reliability Engineering Experimental Stress Analysis			
A31203		Advanced Concrete Laboratory	0	4	2
A31204		Seminar	-	4	2
	Total		24	8	28

I Year II Semester

Subject Code	Category	Subject Name	L	P	C
A32012	Core Course V	Finite Element Methods	4	0	4
A32013	Core Course VI	Structural Dynamics	4	0	4
A32014	Core Course VII	Earthquake Resistant Design of Buildings	4	0	4
A32015	Core Elective-III	Pre stressed concrete	4	0	4
A32016	Core Elective-III	Advanced Foundation Engineering			
A32017	Core Elective-III	Computer Aided Design in Structural Engineering (CAD).			
A32018	Core Elective-IV	Principles of Bridge Engineering	4	0	4
A32019	Core Elective-IV	Analysis and Design of Shells and Folded plates			
A32020	Core Elective-IV	Advanced. Steel Design			
A32021	Open Elective I	Plastic Analysis and Design	4	0	4
A32022	Open Elective I	Stability of Structures			
A32203		CAD Laboratory	0	4	2
A32204		Seminar	-	4	2
	Total		24	8	28


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II Year I Semester


Subject Code	Category	Subject Name	L	P	C
A33203		Comprehensive Viva-Voce	-	-	4
A33204		Project work Review I	-	24	12
Total Credits			-	24	16

II Year II Semester

Subject Code	Category	Subject Name	L	P	C
A34203		Project work Review II	-	8	4
A34204		Project Evaluation (Viva-Voce)		16	12
Total Credits			-	24	16



Chairman
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Department of Civil Engineering




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Annexure – III

UG	Internal				End Semester	Total			
Theory	Mid Term I (25 Marks) Duration 90 Minutes	Mid Term II (25 marks) Duration 90 Minutes		75 Marks Duration: 180 Minutes		100 Marks			
	Assignment (5 Marks) To be submitted before the start date of Mid Term - I Examinations	Subjective Test (20 Marks)	Assignment (5 Marks) To be submitted before the start date of Mid Term - II Examinations				Subjective Test (20 Marks)		
	7 th Week of Instruction	8 th week of Instruction	14 th Week of Instruction				15 th Week of Instruction		
	Unit-I, Unit-II and 50% of Unit-III Average of Mid-I and Mid-II shall be considered						Remaining 50 % of Unit-III, Unit-IV and Unit-V		
Lab	Mid Term I (25 Marks) Duration 150 Minutes	Mid Term II (25 marks) Duration 150 Minutes		50 Marks Duration: 180 Minutes		75			
	Day to Day Evaluation (15 Marks)	Practical Test (10 Marks)	Day to Day Evaluation (15 Marks)				Practical Test (10 Marks)		
	First 50% of Experiments		7 th Week				14 th Week		
	Average of Mid-I and Mid-II shall be considered						Remaining 50% of Experiments		





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Annexure – III

PG	Internal				End Semester	Total
	Mid Term I (40 Marks) Duration 120 Minutes	Mid Term II (40 marks) Duration 120 Minutes				
Theory	Assignment (10 Marks) To be submitted before the start date of Mid Term - I Examinations	Subjective Test (30 Marks)	Assignment (10 Marks) To be submitted before the start date of Mid Term - II Examinations	Subjective Test (30 Marks)	60 Marks Duration: 180 Minutes	100
	7 th Week of Instruction	8 th of Instruction	14 th Week of Instruction	15 th Week of Instruction		
	Unit-I, Unit-II and 50% of Unit-III					
	Average of Mid-I and Mid-II shall be considered					
Lab	Mid Term I (40 Marks) Duration 150 Minutes	Mid Term II (40 marks) Duration 150 Minutes			60 Marks Duration: 180 Minutes	100
	Day to Day Evaluation (25 Marks)	Practical Test (15 Marks)	Day to Day Evaluation (25 Marks)	Practical Test (15 Marks)		
	7 th Week		14 th Week			
	First 50% of Experiments					
Average of Mid-I and Mid-II shall be considered						

[Signature]


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Annexure – III

UG End Semester Question Paper Pattern			
Theory	Mid Term1	Assignment Subjective Test	Unit-I, Unit-II and 50% of Unit-III Part – A : 5 Marks (All) Part – B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
	Mid Term2	Assignment Subjective Test	Unit-1 & 2: 2 Questions each Unit – 3: 1 Question from 50% of Unit-3 Unit-3: 1 Question remaining 50% of Unit-3 Unit – 4 & 5: 2 Questions Each Part – A : 5 Marks (All) Part – B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
End Semester	---	---	Part-A : 25 Marks (All questions to Answer) Part-B : 50 Marks (5 questions with Internal Choice from each Unit and each carries 10 Marks)
		5 Units	

PG End Semester Examination Question Paper Pattern			
Theory	Mid Term1	Assignment Subjective Test	Unit-I, Unit-II and 50% of Unit-III Unit-1 & 2: 2 Questions each Unit – 3: 1 Question from 50% of Unit-3 Part – A : 12 Marks – Six Questions, two questions from each unit (Answer All) Part – B: 18 Marks (3 out 5) – Each question carries 6 marks.
	Mid Term2	Assignment Subjective Test	Unit-3: 1 Question remaining 50% of Unit-3 Unit – 4 & 5: 2 Questions Each Part – A : 12 Marks – Six Questions, two questions from each unit (Answer All) Part – B: 18 Marks (Answer 3 out of 5) – Each question carries 6 marks.
End Semester	---	---	Part-A : 20 Marks – 10 Questions (Two from each Unit) Part-B: 40 Marks (5 questions with Internal Choice one question from each Unit and each question carries 8 Marks)
		5 Units	

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.

B. TECH. CIVIL ENGINEERING

I YEAR

Code	Subject	L	T/P/D	C
A10001	English	2	-	4
A10002	Mathematics – I	3	1	6
A10302	Engineering Mechanics	3	-	6
A10004	Engineering Physics	3	-	6
A10005	Engineering Chemistry	3	-	6
A10501	Computer Programming	3	-	6
A10301	Engineering Drawing	2	3	6
A10581	Computer Programming Lab.	-	3	4
A10081	Engineering Physics & Engineering Chemistry Lab.	-	3	4
A10083	English Language Communication Skills Lab.	-	3	4
A10082	IT Workshop / Engineering Workshop	-	3	4
	Total	19	16	56

II YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A30006	Mathematics – II	4	-	4
A30203	Electrical & Electronics Engineering	4	-	4
A30107	Strength of Materials –I	4	-	4
A30108	Surveying	4	-	4
A30101	Fluid Mechanics	4	-	4
A30010	Managerial Economics and Financial Analysis	4	-	4
A30185	Surveying Lab- I	-	3	2
A30183	Strength of Materials Lab	-	3	2
	Total	24	6	28


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II YEAR II SEMESTER

Code	Subject	L	T/P/D	C
A40008	Probability & Statistics	4	-	4
A40114	Strength of Materials - II	4	-	4
A40111	Hydraulics & Hydraulic Machinery	4	-	4
A40009	Environmental Studies	4	-	4
A40115	Structural Analysis -I	4	-	4
A40109	Building Materials, Construction & Planning	4	-	4
A40186	Computer Aided Drafting of Buildings	-	3	2
A40190	Surveying Lab- II	-	3	2
Total		24	6	28

III YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A50116	Concrete Technology	4	-	4
A50121	Reinforced Concrete Structures Design and Drawing	4	-	4
A50118	Engineering Geology	4	-	4
A50120	Geotechnical Engineering	4	-	4
A50122	Water Resources Engineering-I	4	-	4
Open Elective		4	-	4
A50117	Disaster Management			
A50017	Intellectual Property Rights			
A50018	Human Values and Professional Ethics			
A50181	Fluid Mechanics & Hydraulic Machinery Lab	-	3	2
A50191	Engineering Geology Lab	-	3	2
Total		24	6	28

III YEAR II SEMESTER

Code	Subject	L	T/P/D	C
A60130	Steel Structures Design and Drawing	3	2	4
A60119	Environmental Engineering	4	-	4
A60132	Transportation Engineering -I	4	-	4
A60126	Foundation Engineering	4	-	4
A60131	Structural Analysis -II	4	-	4
Elective -I		4	-	4
A60123	Elements of Earthquake Engineering			
A60127	Ground Improvement Techniques			
A60128	Ground Water Hydrology			
A60124	Environmental Impact Assessment			
A60129	Principles of Entrepreneurship			
A60194	Geotechnical Engineering Lab	-	3	2
A60086	Advanced Communication Skills Lab	-	3	2
Total		23	8	28


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IV YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A70140	Remote Sensing & GIS	4	-	4
A70143	Transportation Engineering -II	4	-	4
A70138	Estimating & Costing	4	-	4
A70133	Water Resources Engineering-II	4	-	4
	Elective-II	4	-	4
A70330	Finite Element Methods			
A70134	Advanced Foundation Engineering			
A70145	Watershed Management			
A70136	Air Pollution and Control			
	Elective-III	4	-	4
A70135	Advanced Structural Design			
A70137	Earth and Rock fill Dams and Slope Stability			
A70144	Water Resources Systems Analysis			
A70139	Industrial Waste Water Treatment			
A70195	Concrete & Highway Materials Lab	-	3	2
A70192	Environmental Engineering Lab	-	3	2
	Total	24	6	28

IV YEAR II SEMESTER

Code	Subject	L	T/P/D	C
	Elective-IV	4	-	4
A80151	Rehabilitation and Retrofitting of Structures			
A80148	Geo-Environmental Engineering			
A80147	Design and Drawing of Irrigation Structures			
A80141	Solid Waste Management			
A80150	Prestressed Concrete Structures	4	-	4
A80146	Construction Management	4	-	4
A80087	Industry Oriented Mini project	-	-	2
A80089	Seminar	-	6	2
A80088	Project Work	-	15	10
A80090	Comprehensive viva	-	-	2
	Total	12	21	28

Note: All End Examinations (Theory and Practical) are of three hours duration.

T-Tutorial L - Theory P - Practical D-Drawing C - Credits


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Minutes of 2nd Board of Studies (BoS) Meeting in Department of Civil Engineering held on 09th June 2015

The 2nd Board of Studies(BoS) meeting, Dept. of Civil Engineering, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 09th June 2015 at 10:00 AM in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. K. Rama Chandra Reddy	Chairman	
2	Prof. B. Dean Kumar	JNTU Nominee	
3	Prof.M.Koti Reddy	Member	
4	Prof.V.Bhikshma	Member	
5	Prof.K.V.Ramana Reddy	Member	
6	Mr.T.V.Rao	Member	
7	Prof. N.Murali Krishna	Member	
8	Mr. C. Manikanta Reddy	Member	
9	Mr.G. Goutham Reddy	Member	
10	Mr. A Shiva Krishna	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 2nd Board of Studies (BoS) Meeting in Department of Civil Engineering held on 09th June 2015

Item No. 1: Introduction of newly appointed members

The Chairman introduced newly appointed members namely Mr.G.Goutham Reddy Assoc.Professor and Mr. A. Shiva Krishna Asst Professor to members of Board of Studies.

Item No. 2: To review the first year syllabus

The Chairman and members reviewed the first year syllabus based upon the performance in I Year B.Tech.

Resolution (1) : After the discussion among the members and chairman the board expressed satisfaction with the existing syllabus and have unanimously decided to continue the same for the Academic year 2015-16.


Noted and Approved.

Item No. 3: Proposal of Course Structure and Syllabus for II B.Tech I and II Semester and Approval

The Chairman presented the proposed course structure for II B.Tech (Civil Engineering) I and II semester along with syllabus of respective courses (Annexure-I). The Members elaborately discussed existing II B.Tech (Civil Engineering) course structure of affiliating university, JNTUH, with the proposed course structure (Annexure-I).

Resolution (2) : The members after critical discussion unanimously approved the course structure and syllabus to be taught for II B.Tech (Civil Engineering) I and II Semester presented in Annexure-I from the Academic year 2015-16.

Noted and Approved.


Principal
Anurag Engineering College
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Suryapet (Dt.), Telangana-508206

Item No. 4: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The members unanimously approved proposed distribution of marks and weightage of syllabus of the examinations enclosed in the Annexure -II

Noted and Approved.

Item No. 5: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be remunerated as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The Board has empowered the Chairman to finalize panel of examiners for conduct examinations of II B.Tech- I & II semesters for the A.Y.2015-16.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.


Noted and Approved.



Chairman

Board of Studies

Department of Civil Engineering



Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Guryapet (Dt.), Telangana-508206

ANNEXURE – I

COURSE STRUCTURE (R14) II B.TECH (CE) I SEM

Code	Subject Name	L	T/P/D	C
A53001	Mathematics-III	4	1	4
A53002	Electrical & Electronics Engineering	4	1	4
A53003	Environmental Studies	3	1	3
A53004	Surveying - I	3	1	3
A53005	Strength of Materials - I	3	1	3
A53006	Fluid Mechanics	4	1	4
A53201	Surveying Lab - I	0	3	2
A53202	Strength of Materials Lab-I	0	3	2
	Total	21	12	25

T – Tutorial

P – Practical

D – Drawing

II B.TECH (CE) II SEM

Code	Subject Name	L	T/P/D	C
A54001	Probability And Statistics	3	1	3
A54002	Surveying II	4	1	4
A54003	Strength of Materials - II	4	1	4
A54004	Hydraulics And Hydraulic Machinery	4	1	4
A54005	Building Materials, Construction & Planning	4	0	4
A54201	Surveying Lab -II	0	3	2
A54202	Computer Aided Drafting of Buildings	0	3	2
A54203	Fluid Mechanics And Hydraulic Machinery Lab	0	3	2
	Gender Sensitization	0	0	2
	Total	19	14	27

T – Tutorial

P – Practical


D – Drawing



Chairman

Board of Studies

Department of Civil Engineering


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ANURAG Engineering College

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An Autonomous Institution

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Minutes of 3rd Board of Studies (BoS) Meeting in Department of Civil Engineering held on 19th May 2016

The 3rd Board of Studies(BoS) meeting, Dept. of Civil Engineering, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 19th May 2016 at 10:30 AM in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. K. Rama Chandra Reddy	Chairman	
2	Prof. B. Dean Kumar	JNTU Nominee	
3	Prof.M.Koti Reddy	Member	
4	Prof.V.Bhikshma	Member	
5	Prof.K.V.Ramana Reddy	Member	
6	Mr.T.V.Rao	Member	
7	Prof. N.Murali Krishna	Member	
8	Mr. C. Manikanta Reddy	Member	
9	Mr.S Naresh	Member	
10	Mr. A Shiva Krishna	Member	


Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 3rd Board of Studies (BoS) Meeting in Department of
Civil Engineering held on 19th May 2016**

Item No. 1: Proposal of Course Structure and Syllabus for III B.Tech (CE) I and II Semester and IV B.Tech (CE) I and II Semester for R14 and Approval

The Chairman of Board of Studies (BoS) presented the course structure for III B.Tech (CE) I and II Semester and IV B.Tech (CE) I and II Semester and syllabus for following Courses in the Annexure-I..

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for III B.Tech (CE) I and II Semester and also approved the Course Structure and Syllabus for IV B.Tech (CE) I and II Semester for R14

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the III B.Tech & IV B.Tech. The members advised that atleast 80% of experiments should be completed in a semester for the labs.

Noted and Approved.


Item No. 2: Proposal of Entire Course Structure (R15) and Syllabus for II B.Tech (CE) I and II Semester III B.Tech (CE) I and II Semester and IV B.Tech (CE) I and II Semester for R15 and Approval

The Chairman of Board of Studies (BoS) presented the entire course structure and II B.Tech (CE) – I and II semester, III B.Tech (CE) – I and II semester and IV B.Tech (CE) – I and II semester syllabus of R15 for the following Courses in the Annexure-II.

Resolution (3) : The members after critical discussion approved the course structure and syllabus to be taught for II B.Tech (CE) – I and II semester, III B.Tech (CE) – I and II semester and IV B.Tech (CE) – I and II semester syllabus of R15

Resolution (4): The members approved the list of experiments for the lab courses to be carried out in the UG B.Tech Program. The members advised that at least 80% of experiments should be completed in a semester for the labs mentioned in the Annexure-II.

Noted and Approved.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508208

Item No. 3: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-III) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (5): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

Item No. 4: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (6): The board has empowered Chairman to finalize panel of examiners for conduct examinations for the A.Y.2016-17.

Resolution (7): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

19/5/2016

Board of Studies

Department of Civil Engineering



Principal

Anureg Engineering College
Ananthagiri (V&M), Kodari,
Suryapet (D.), Telangana-502212.

ANNEXURE – I

COURSE STRUCTURE (R14) III B.TECH (CE) I SEM

Code	Subject Name	L	T/P/D	C
A55001	Concrete Technology	3	1	3
A55002	Design of RC Structures	4	1	4
A55003	Structural Analysis	3	1	3
A55004	Soil Mechanics	3	1	3
A55005	Engineering Geology	3	0	3
A55006	Managerial Economics & Financial Analysis	3	0	3
A55201	Concrete Technology Lab	0	3	2
A55202	Engineering Geology Lab	0	3	2
	Total	19	10	23

T – Tutorial

P – Practical

D – Drawing

COURSE STRUCTURE (R14) III B.TECH (CE) II SEM

Code	Subject Name	L	T/P/D	C
A56001	Design of Steel Structure	4	1	4
A56002	Environmental Engineering	4	1	4
A56003	Hydrology & Water Resources Engineering	4	1	4
A56004	Foundation Engineering	4	1	4
A56005	Transportation Engineering-I	4	0	4
	Elective I:			
A56006	1. Management Science	3	0	3
A56007	2. Construction Technology & Project Management			
A56008	3. Disaster Management and Mitigation			
A56009	4. Database Management Systems			
A56201	Soil Mechanics Lab	0	3	2
A56202	Advanced English Communication Skills Lab	0	3	2
	Total	23	10	27


Principal

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Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

ANNEXURE – I

IV B.TECH (CE) I SEM

Code	Subject Name	L	T/P/D	C
A57001	Irrigation Engineering	3	1	3
A57002	Finite Element Methods	3	1	3
A57003	Estimating & Costing	4	1	4
A57004	Transportation Engineering-II	3	1	3
A57005	Remote Sensing & Geographic Information System	3	0	3
A57006	Elements of Earthquake Engineering	3	0	3
A57007	Waste Management System			
A57008	Watershed Management System			
A57201	Transportation Engineering Lab	0	3	2
A57202	Environmental Engineering Lab	0	3	2
	Total	19	10	23

T – Tutorial

P – Practical

D – Drawing

IV B.TECH (CE) I SEM

Code	Subject Name	L	T/P/D	C
A58001	Ground Improvement Techniques	3	1	3
A58002	Advanced Structural Design	3	0	3
A58003	Rehabilitation & Retrofitting of Structures			
A58004	Design & Drawing of Irrigation Structures			
A58005	Prestressed Concrete	3	0	3
A58006	Pavement Analysis & Design			
A58007	Air Pollution & Control			
A58201	Seminar	0	6	2
A58202	Comprehensive Viva	0	0	2
A58203	Project Work	0	15	10
	Total	9	22	23

T – Tutorial

P – Practical

D – Drawing


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ANNEXURE – I

COURSE STRUCTURE (R15) UNDER CBCS

IB.TECH (CE) I SEM

S.No.	Course Code	Course	Course Category	Lecture s	T / P / D	Credit s	Internal Marks	Extern al Marks	Total Marks
1	A51001	English-I	H.S	2	0	2	25	75	100
2	A51002	Mathematics-I	B.S	3	1	3	25	75	100
3	A51003	Engineering Physics-I	B.S	2	1	2	25	75	100
4	A51004	Applied Chemistry-I	B.S	2	1	2	25	75	100
5	A51005	Computer Programming- I	E.S	3	1	3	25	75	100
6	A51006	Engineering Graphics-I	E.S	0	4	2	25	75	100
7	A51007	Engineering Mechanics-I	E.S	2	1	2	25	75	100
8	A51201	English Language Communication Skills Lab-I	H.S	0	3	2	25	75	100
9	A51202	Computer Programming Lab-I	E.S	0	3	2	25	75	100
10	A51203	Engineering Physics and Applied Chemistry Lab-I	B.S	0	3	2	25	75	100
11	A51204	Engineering Workshop-I	E.S	0	3	2	25	75	100
		Total		14	21	24	275	825	110

T-Tutorial

P-Practical

D-Drawing

COURSE STRUCTURE (R15)

IB.TECH (CE) II SEM

S.No	Course Code	Course	Course Category	Lecture s	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1	A52001	English-II	H.S	2	0	2	25	75	100
2	A52002	Mathematics-II	B.S	3	1	3	25	75	100
3	A52003	Engineering Physics-II	B.S	2	1	2	25	75	100
4	A52004	Applied Chemistry-II	B.S	2	1	2	25	75	100
5	A52005	Computer Programming- II	E.S	3	1	3	25	75	100
6	A52006	Engineering Graphics-II	E.S	0	4	2	25	75	100
7	A52007	Engineering Mechanics- II	E.S	2	1	2	25	75	100
8	A52201	English Language Communication Skills Lab-II	H.S	0	3	2	25	75	100
9	A52202	Computer Programming Lab-II	E.S	0	3	2	25	75	100
10	A52203	Engineering Physics and Applied Chemistry Lab-II	B.S	0	3	2	25	75	100
11	A52204	Engineering Workshop- II&I.T Workshop	E.S	0	3	2	25	75	100
		Total		14	2	2	27	825	1100

T-Tutorial

P-Practical

D-Drawing

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ANNEXURE – I

II B.TECH (CE) I SEM

S.No.	Course Code	Course	Course Category	Lectures	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1	A53001	Mathematics-III	BS	4	1	4	25	75	100
2	A53002	Building Materials, Construction and Planning	PC	3	0	3	25	75	100
3	A53003	Strength of Materials-I	ES	3	1	3	25	75	100
4	A53004	Fluid Mechanics	ES	3	1	3	25	75	100
5	A53005	Surveying	PC	4	1	4	25	75	100
6	A53006	Engineering Geology	PC	3	0	3	25	75	100
7	A53201	Surveying Lab	PC	0	3	2	25	75	100
8	A53202	Engineering Geology Lab	PC	0	3	2	25	75	100
9	A53203	Gender Sensitization	MC	2	0	0	25	75	100
Total				20	7	24	200	600	800

T-Tutorial

P-Practical

D-Drawing

II B.TECH (CE) II SEM

S.No.	Course Code	Course	Course Category	Lectures	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1	A54001	Probability and Statistics	BS	3	1	3	25	75	100
2	A54002	Elements of Electrical Engineering	ES	3	1	3	25	75	100
3	A54003	Strength of Materials-II	ES	4	1	4	25	75	100
4	A54004	Hydraulics & Hydraulic Machinery	PC	4	1	4	25	75	100
5	A54005	Concrete Technology	PC	3	0	3	25	75	100
6	A54006	Environmental Studies	HS	3	0	3	25	75	100
7	A54201	Strength of Materials Lab	PC	0	3	2	25	75	100
8	A54202	Fluid Mechanics & Hydraulic Machinery Lab	PC	0	3	2	25	75	100
9	A54203	Human Values & Professional Ethics	MC	0	2	0	25	75	100
Total				20	10	24	200	600	800

T-Tutorial

P-Practical

D-Drawing

ANNEXURE - I**III B.TECH (CE) I SEM**

S.No.	Course Code	Subject Name	Course Category	Lectures	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1	A55001	Structural Analysis	PC	4	1	4	25	75	100
2	A55002	Design of RC Structures	PC	4	1	4	25	75	100
3	A55003	Environmental Engineering	PC	3	0	3	25	75	100
4	A55004	Soil Mechanics	PC	3	1	3	25	75	100
5	A55005	Water Resource Engineering	PC	4	1	4	25	75	100
6	A55006	Elements of Earthquake Engineering	PE	3	0	3	25	75	100
	A55007	Water shed Management	PE						
	A55008	Disaster Management	PE						
7	A55201	Soil mechanics lab	PC	0	3	2	25	75	100
8	A55202	Computer Aided Drafting lab	PC	0	3	2	25	75	100
Total				21	10	25	200	600	800

III B.TECH (CE) II SEM

S.No.	Course Code	Course	Course Category	Lectures	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1	A56001	Design of steel structures	PC	4	1	4	25	75	100
2	A56002	Foundation Engineering	PC	4	1	4	25	75	100
3	A56003	Transportation Engineering	PC	4	0	4	25	75	100
4	A56004	Irrigation Engineering	PC	3	1	3	25	75	100
5	A56005	Construction technology & Project management	PE	3	0	3	25	75	100
	A56006	Environmental impact Assessment							
	A56007	Advanced Structural Analysis							
6		OE-1	OE	3	0	3	25	75	100
7	A56201	Concrete technology lab	PC	0	3	2	25	75	100
8	A56202	Advanced communication skills lab	PC	0	3	2	25	75	100
Total				21	9	25	200	600	800

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ANNEXURE - I

IV B.TECH (CE) I SEM

S.No.	Course Code	Course	Course Category	Lectures	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1	A57001	Estimating and Costing	PC	4	1	4	25	75	100
2	A57002	Pavement Design	PC	4	1	4	25	75	100
3	A57003	GIS & Remote sensing	PC	3	0	3	25	75	100
4		PE-3							
	A57004	Railways and Airport Engineering	PE	3	0	3	25	75	100
	A57005	Earth Retaining Structures							
	A57006	Advanced Structural Design							
5		PE-4							
	A57007	Ground improvement techniques	PE	3	0	3	25	75	100
	A57008	Finite element methods							
	A57009	Building Services							
6		OE-2	OE	3	0	3	25	75	100
7	A57201	Transportation Engineering lab	PC	0	3	2	25	75	100
8	A57202	Environmental Engineering lab	PC	0	3	2	25	75	100
9	A57203	Mini Project	PW	0	3	2	0	100	100
Total				20	8	26	200	700	900

T-Tutorial

P-Practical

D-Drawing


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Anurag Engineering College
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ANNEXURE - I

IV B.TECH (CE) II SEM

S.N o.	Course Code	Course	Course Category	Lectures	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1		PE-5							
	A58001	Prestressed Concrete	PE	4	0	3	25	75	100
	A58002	Hazards and solid waste management							
A58003	Urban planning and development								
2		PE-6							
	A58004	Rehabilitation and Retrofitting of structures	PE	4	0	3	25	75	100
	A58005	Design and drawing of irrigation structures							
A58006	Geo Environmental Engineering								
3		OE-3	OE	3	0	3	25	75	100
4	A58201	Project work	PW	0	0	10			
5	A58202	Technical seminar	PW	0	0	3			
6	A58203	Comprehensive viva	PW	0	0	2			
Total				11	0	24	75	225	300

T-Tutorial

P-Practical

D-Drawing


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Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

ANNEXURE - I


OPEN ELECTIVE- I			Offering Department
S.No	Course code	Course	
1	A56301	Construction Materials	Civil Engineering
2	A56302	Waste Management	

OPEN ELECTIVE- II			Offering Department
S.No.	Course code	Subject	
1	A57301	Disaster Management and Mitigation	Civil Engineering
2	A57003	Geological Information System & Remote Sensing	

OPEN ELECTIVE- III			Offering Department
S.No	Course code	Subject	
1	A58301	Construction Technology and Project Management	Civil Engineering
2	A58302	Safety Engineering	



Chairman
Board of Studies
Department of Civil Engineering



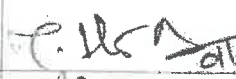

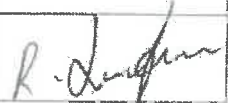






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Suryapet (Dt.), Telangana-508206



Minutes of 4th Board of Studies (BoS) Meeting in Department of Civil Engineering held on 01st August 2018

The 4th Board of Studies(BoS) meeting, Dept. of Civil Engineering, Anurag Engineering College, Ananthagiri(V&M), Suryapet (Dist), Telangana, is held on 01st August 2018 at 14:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. A.Vimala Reddy	Chairman	 01/08/2018
2	Dr.S.Srinivasulu	JNTU Nominee	 01/08/18
3	Prof.M.Koti Reddy	Member	 01/08/18
4	Prof.V.Bhikshma	Member	
5	Dr.R.Srinivasa Kumar	Member	
6	Dr.K Chandra Mouli	Member	
7	Mr.K.Jeevan Kumar	Member	
8	Mr. C. Manikanta Reddy	Member	
9	Mr. S. Naresh	Member	
10	Mr. A ShivaKrishna	Member	
11	Mr. G Kiran	Member	


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 4th Board of Studies (BoS) Meeting in Department of Civil Engineering held on 01st August 2018

Item No. 1: Revision and Approval of Course Structure IV B.Tech I and II Semester (R15)

The Chairman presented the proposed course structure for IV B.Tech (Civil Engineering) I and II semester (Annexure-I). The Members elaborately discussed IV B.Tech (Civil Engineering) course structure approved in the 3rd BoS Meeting for uniformity of credits (Annexure-I).

Resolution (1) : The members after critical discussion approved the proposed course structure to be taught for IV B.Tech (Civil Engineering) I and II Semester presented in Annexure-I.

Item No. 2: Proposal of Course Structure and Syllabus for I B.Tech I and II Semester (R18) and Approval

The Chairman presented the course structure for I B.Tech I and II semester along with syllabus of respective courses (Annexure-II).

Resolution (2) : The members after critical discussion approved the proposed course structure to be taught for I B.Tech (Civil Engineering) I and II Semester (R18) presented in Annexure-II.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

[Signature]
01/08/18

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01/08/2018

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1/8/18

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01/08/2018

Chairman
Board of Studies
Department of Civil Engineering

[Signature]
01/08/18
C.M. M. K. S. R. S. (R2004)

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01/08/2018

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01/8/18

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S. Naregla

[Signature]
01/8/18

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Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508202

ANNEXURE-I

COURSE STRUCTURE (R15)

IV B.Tech (CE) I Semester

S.No.	Course Code	Course	Course Category	Lectures	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1	A57001	Estimating and Costing	PC	3	1	3	25	75	100
2	A57002	Pavement Design	PC	3	1	3	25	75	100
3	A57003	GIS & Remote sensing	PC	3	0	3	25	75	100
4		PE-3							
	A57004	Railways and Airport Engineering	PE	3	0	3	25	75	100
	A57005	Earth Retaining Structures							
	A57006	Advanced Structural Design							
5		PE-4							
	A57007	Ground improvement techniques	PE	3	0	3	25	75	100
	A57008	Finite element methods							
	A57009	Building Services							
6		OE-2	OE	3	0	3	25	75	100
7	A57201	Transportation Engineering lab	PC	0	3	1.5	25	75	100
8	A57202	Environmental Engineering lab	PC	0	3	1.5	25	75	100
9	A57203	Mini Project	PW	0	0	2	–	100	100
Total				20	8	23	200	700	900

T – Tutorial P – Practical D – Drawing

COURSE STRUCTURE (R15)

IV B.Tech (CE) II Semester

S.No.	Course Code	Course	Course Category	Lectures	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1		PE-5							
	A58001	Prestressed Concrete	PE	4	0	3	25	75	100
	A58002	Hazards and solid waste management							
	A58003	Urban planning and development							
2		PE-6							
	A58004	Rehabilitation and Retrofitting of structures	PE	4	0	3	25	75	100
	A58005	Design and drawing of irrigation structures							
	A58006	Geo Environmental Engineering							
3		OE-3	OE	3	0	3	25	75	100
4	A58201	Project work	PW	0	0	10	50	150	200
5	A58202	Technical seminar	PW	0	0	2	100	-	100
6	A58203	Comprehensive viva	PW	0	0	2	100	-	100
Total				11	0	23	325	375	700

T – Tutorial P – Practical D – Drawing


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Nuryapet (Dt.), Telangana-508206

IV B.TECH (CE) II SEM

S.No.	Course Code	Course	Course Category	Lectures	T / P / D	Credits	Internal Marks	External Marks	Total Marks
1		PE-5							
	A58001	Prestressed Concrete	PE	4	0	3	25	75	100
	A58002	Hazards and solid waste management							
A58003	Urban planning and development								
2		PE-6							
	A58004	Rehabilitation and Retrofitting of structures	PE	4	0	3	25	75	100
	A58005	Design and drawing of irrigation structures							
A58006	Geo Environmental Engineering								
3		OE-3	OE	3	0	3	25	75	100
4	A58201	Project work	PW	0	0	10			
5	A58202	Technical seminar	PW	0	0	3			
6	A58203	Comprehensive viva	PW	0	0	2			
Total				11	0	24	75	225	300

T-Tutorial

P-Practical

D-Drawing



Chairman
Board of Studies
Department of Civil Engineering

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

ANNEXURE – I

COURSE STRUCTURE (R18) UNDER CBCS

I B.TECH (CE) I SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA101BS	Mathematics - I	BS	3	1	0	4	25	75	100
2	CH102BS	Engineering Chemistry	BS	3	1	0	4	25	75	100
3	EN103HS	English	HS	2	0	0	2	25	75	100
4	CS104ES	Programming for Problem Solving - I	ES	2	0	0	2	25	75	100
5	CH105BS	Engineering Chemistry Lab	BS	0	0	3	1.5	25	75	100
6	EN106HS	English Language Communication Skills Lab - I	HS	0	0	2	1	25	75	100
7	CS107ES	Programming for Problem Solving - I Lab	ES	0	0	2	1	25	75	100
8	ME108ES	Engineering Workshop	ES	0	0	3	1.5	25	75	100
Total				10	2	10	17	200	600	800

T -Tutorial

P-Practical

D -Drawing

L- Lectures

C- Credits

I YEAR IISEMESTER

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA201BS	Mathematics - II	BS	3	1	0	4	25	75	100
2	PH202BS	Engineering Physics	BS	3	1	0	4	25	75	100
3	ME203ES	Engineering Mechanics	ES	3	1	0	4	25	75	100
4	CS204ES	Programming for Problem Solving - II	ES	2	0	0	2	25	75	100
5	ME205ES	Engineering Graphics	ES	1	0	4	3	25	75	100
6	PH206BS	Engineering Physics Lab	BS	0	0	3	1.5	25	75	100
7	CS207ES	Programming for Problem Solving - II Lab	ES	0	0	3	1.5	25	75	100
8	EN208HS	English Language Communication Skills Lab - II	HS	0	0	2	1	25	75	100
Total				12	3	12	21	200	600	800

T -Tutorial
C- Credits

P-Practical

D -Drawing

L- Lectures

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



Minutes of 5th Board of Studies (BoS) Meeting in Department of Civil Engineering held on 02nd February 2019

The 5th Board of Studies(BoS) meeting, Dept. of Civil Engineering, Anurag Engineering College, Ananthagiri(V&M), Suryapet (Dist), Telangana, is held on 02ndFebruary 2019 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. A.Vimala Reddy	Chairman	
2	Dr.S.Srinivasulu	JNTU Nominee	
3	Prof.M.Koti Reddy	Member	
4	Prof.V.Bhikshma	Member	
5	Dr.R.Srinivasa Kumar	Member	
6	Dr.K Chandra Mouli	Member	
7	Mr.K.Jeevan Kumar	Member	
8	Mr. C. Manikanta Reddy	Member	
9	Mr. S. Naresh	Member	
10	Mr. A ShivaKrishna	Member	
11	Mr. G Kiran	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 5th Board of Studies (BoS) Meeting in Department of Civil Engineering held on 02nd February 2019

Item No. 1: Proposal of Course Structure of B.Tech(CE)- R18 Regulation

The Chairman presented the proposed course structure for II,III,IV B.Tech (Civil Engineering) –R18 Regulation (Annexure-I). The Members elaborately discussed existing B.Tech (Civil Engineering) course structure of affiliating university, JNTUH, With the proposed course structure (Annexure-I).

Resolution (2): The members after critical discussion unanimously approved the course structure for II,III,IV B.Tech (Civil Engineering) R18 Regulation presented in Annexure-I for the students admitted from the Academic year 2018-19.

Noted and Approved.

Item No. 2: Proposal of detail Syllabi for II B.Tech I and II Semester and Approval

The Chairman presented the proposed syllabi for II B.Tech I and II Semester (Civil Engineering) –R18 Regulation (Annexure-II). The Members elaborately discussed existing II B.Tech I and II Semester (Civil Engineering) of affiliating university, JNTUH, R15 ANRK With the proposed syllabi (Annexure-II).

Resolution (2): The members after critical discussion unanimously approved the syllabi for II B.Tech I and II Semester (Civil Engineering) R18 Regulation presented in Annexure-II from the Academic year 2019-20.

Item No. 3: Proposal of Question paper Pattern for Mid Term and End Semester examinations and Approval.

The Chairman explained the members about proposed distribution of marks and weight age of syllabus (Annexure-III) and presented Question paper pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The members unanimously approved proposed distribution of marks and weightage of syllabus of the examinations enclosed in the Annexure-III

Noted and Approved.



Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200

Item No. 4: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be remunerated as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The Board has empowered the Chairman to finalize panel of examiners for conduct examinations of II B.Tech- I & II semesters for the A.Y.2019-20.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.

Ala
02/02/2019

Chairman

Board of Studies

Department of Civil Engineering

R. Suresh
J. S. A.

C. M. Reddy
02/2/19

A. S. Rao
2/2/19

B. S. Rao

H. K.

[Signature]

[Signature]

Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508207

ANNEXURE – I

COURSE STRUCTURE (R18) UNDER CBCS

I B.TECH (CE) I SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA101BS	Mathematics - I	BS	3	1	0	4	25	75	100
2	CH102BS	Engineering Chemistry	BS	3	1	0	4	25	75	100
3	EN103HS	English	HS	2	0	0	2	25	75	100
4	CS104ES	Programming for Problem Solving - I	ES	2	0	0	2	25	75	100
5	CH105BS	Engineering Chemistry Lab	BS	0	0	3	1.5	25	75	100
6	EN106HS	English Language Communication Skills Lab - I	HS	0	0	2	1	25	75	100
7	CS107ES	Programming for Problem Solving - I Lab	ES	0	0	2	1	25	75	100
8	ME108ES	Engineering Workshop	ES	0	0	3	1.5	25	75	100
Total				10	2	10	17	200	600	800

T –Tutorial

P-Practical

D –Drawing

L- Lectures

C- Credits

I YEAR IISEMESTER

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA201BS	Mathematics - II	BS	3	1	0	4	25	75	100
2	PH202BS	Engineering Physics	BS	3	1	0	4	25	75	100
3	ME203ES	Engineering Mechanics	ES	3	1	0	4	25	75	100
4	CS204ES	Programming for Problem Solving - II	ES	2	0	0	2	25	75	100
5	ME205ES	Engineering Graphics	ES	1	0	4	3	25	75	100
6	PH206BS	Engineering Physics Lab	BS	0	0	3	1.5	25	75	100
7	CS207ES	Programming for Problem Solving - II Lab	ES	0	0	3	1.5	25	75	100
8	EN208HS	English Language Communication Skills Lab - II	HS	0	0	2	1	25	75	100
Total				12	3	12	21	200	600	800

T -Tutorial
C- Credits

P-Practical

D -Drawing

L- Lectures

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200


ANNEXURE - I

COURSE STRUCTURE (R18) II B.TECH (CE) I SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA301BS	Probability and Statistics	BS	3	0	0	3	25	75	100
2	CE302PC	Building Material & Construction Planning	PC	3	0	0	3	25	75	100
3	CE303PC	Strength of Material - I	PC	3	1	0	4	25	75	100
4	CE304PC	Fluid Mechanics	PC	3	1	0	4	25	75	100
5	CE305PC	Engineering Geology	PC	2	0	0	2	25	75	100
6	CE306PC	Surveying & Geometrics	PC	3	0	0	3	25	75	100
7	CE307PC	Surveying Lab	PC	0	0	2	1	25	75	100
8	CE308PC	Engineering Geology Lab	PC	0	0	2	1	25	75	100
9	HS309MC	Gender Sensitization	MC	0	0	2	0	25	75	100
Total				17	2	6	21	225	675	900

II B.TECH (CE) II SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	EE401ES	Basic Electrical & Electronics Engineering	ES	3	0	0	3	25	75	100
2	CE402PC	Strength of Materials-II	PC	3	0	0	3	25	75	100
3	CE403PC	Hydraulics and Hydraulic Machines	PC	3	0	0	3	25	75	100
4	CE404PC	Structural Analysis-I	PC	3	1	0	4	25	75	100
5	CE405PC	Concrete Technology	PC	3	0	0	3	25	75	100
6	CE406PC	Computer Aided Civil Engineering Drawing Lab	PC	0	0	3	1.5	25	75	100
7	CE407PC	Strength of Materials Lab	PC	0	0	2	1	25	75	100
8	CE408PC	Fluid Mechanics & Hydraulic Machines Lab	PC	0	0	3	1.5	25	75	100
9	HS409MC	Human Values And Professional Ethics	MC	0	0	2	0	25	75	100
Total				15	1	10	20	225	675	900


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Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

ANNEXURE - I

III B.TECH (CE) I SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	AE501HS	Managerial Economics and Financial Analysis	HS	3	0	0	3	25	75	100
2	CE502PC	Structural Analysis-II	PC	3	0	0	3	25	75	100
3	CE503PC	Geotechnical Engineering	PC	3	0	0	3	25	75	100
4	CE504PC	Transportation Engineering	PC	3	0	0	3	25	75	100
5	CE505PC	Structural Engineering - I (DRCS)	PC	3	1	0	4	25	75	100
6		PROFESSIONAL ELECTIVE-I	PE	3	0	0	3	25	75	100
7	CE506PC	Highway & Concrete Materials Lab	PC	0	0	2	1	25	75	100
8	CE507PC	Geotechnical Engineering Lab	PC	0	0	2	1	25	75	100
9	HS508MC	Constitution of India	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

III B.TECH (CE) II SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	CE601PC	Foundation Engineering	PC	3	0	0	3	25	75	100
2	CE602PC	Structural Engineering - II (Steel Structures)	PC	3	1	0	4	25	75	100
3	CE603PC	Environmental Engineering	PC	3	0	0	3	25	75	100
4	CE604PC	Water Resource Engineering	PC	3	0	0	3	25	75	100
5		PROFESSIONAL ELECTIVE - II	PE	3	0	0	3	25	75	100
6		OPEN ELECTIVE-I	OE	3	0	0	3	25	75	100
7	CE605PC	Structural Analysis and Design lab	PC	0	0	2	1	25	75	100
8	CE606PC	Environmental Engineering Lab	PC	0	0	2	1	25	75	100
9	HS607MC	Intellectual Property Rights	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

T - Tutorial

P-Practical

D -Drawing

L- Lectures

C- Credits


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Buryanet (Dt.), Telangana-508206

Professional Elective-I

1. CE511PE-Remote sensing and Geographical Information System
2. CE512PE-Green Building Materials and Technologies
3. CE513PE-Advanced Mechanics of materials

Professional Elective-II

1. CE621PE-Pre-stressed Concrete
2. CE622PE-Highway Construction & Management
3. CE623PE-Ground Water Hydrology

Professional Elective-III

1. CE731PE-Irrigation and Hydraulic Structures
2. CE732PE- Pavement Design
3. CE733PE- Elements of Earthquake Engineering

Professional Elective-IV

1. CE741PE- Airport and Railway Engineering
2. CE742PE- Solid Waste Management
3. CE743PE- Construction Technology and Project Management

Professional Elective-V

1. CE851PE- Repair and Rehabilitation of Structures
2. CE852PE- Finite Element Methods
3. CE853PE- Intelligent Transportation System

Professional Elective-VI

1. CE861PE- Ground Improvement Techniques
2. CE862PE- Disaster Management and Mitigation
3. CE863PE- Advanced Reinforced Concrete Structures Design & Detailing


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Turyapet (Dt.), Telangana-508206

ANNEXURE - I

IV B.TECH (CE) I SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MS701HS	Management Science	PC	3	0	0	3	25	75	100
2	CE702PC	Estimating and Costing	PC	3	0	0	3	25	75	100
3		PROFESSIONAL ELECTIVE - III	PE	3	0	0	3	25	75	100
4		PROFESSIONAL ELECTIVE - IV	PE	3	0	0	3	25	75	100
5		OPEN ELECTIVE - II	OE	3	0	0	3	25	75	100
6	EN703HS	Advanced English Communication Skills Lab	PC	0	0	2	1	25	75	100
7	CE704PW	MINIPROJECT EVALUATION	PW	0	0	4	2	25	75	100
8	CE705PW	PROJECT STAGE-I	PW	0	0	8	4	100	0	100
Total				15	0	14	22	275	525	800

IV B.TECH (CE) II SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1		PROFESSIONAL ELECTIVE - V	PE	3	0	0	3	25	75	100
2		PROFESSIONAL ELECTIVE - VI	PE	3	0	0	3	25	75	100
3		OPEN ELECTIVE - III	OE	3	0	0	3	25	75	100
4	CE801PW	SEMINAR	PW	0	0	4	2	100	0	100
5	CE802PW	PROJECT STAGE-II	PW	0	0	12	6	25	75	100
Total				9	0	16	17	200	300	500


T - Tutorial

P - Practical

D - Drawing

L - Lectures

C - Credits


 Principal
 Anurag Engineering College
 Ananthagiri (V&M), Kodad,
 Suryapet (Dt.) Telangana-508001

Professional Elective-I

1. CE511PE-Remote sensing and Geographical Information System
2. CE512PE-Green Building Materials and Technologies
3. CE513PE-Advanced Mechanics of materials

Professional Elective-II

1. CE621PE-Pre-stressed Concrete
2. CE622PE-Highway Construction & Management
3. CE623PE-Ground Water Hydrology

Professional Elective-III

1. CE731PE-Irrigation and Hydraulic Structures
2. CE732PE- Pavement Design
3. CE733PE- Elements of Earthquake Engineering

Professional Elective-IV

1. CE741PE- Airport and Railway Engineering
2. CE742PE- Solid Waste Management
3. CE743PE- Construction Technology and Project Management

Professional Elective-V

4. CE851PE- Repair and Rehabilitation of Structures
5. CE852PE- Finite Element Methods
6. CE853PE- Intelligent Transportation System

Professional Elective-VI

1. CE861PE- Ground Improvement Techniques
2. CE862PE- Disaster Management and Mitigation
3. CE863PE- Advanced Reinforced Concrete Structures Design & Detailing



Chairman
Board of Studies
Department of Civil Engineering

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508202



Minutes of 6th Board of Studies (BoS) Meeting in Department of Civil Engineering held on 11th November 2019

The 6th Board of Studies(BoS) meeting, Dept. of Civil Engineering, Anurag Engineering College, Ananthagiri(V&M), Suryapet (Dist), Telangana, is held on 11th November 2019 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr.M.S.Sivakumar. Prof of CE AEC	Chairman	
2	Dr.V.VenkateswaraReddy. Prof of CE JNTUH	JNTU Nominee	
3	Prof.M.Koti Reddy .Prof & HOD CE, CBIT	Member	
4	Prof.V.Bhikshma. Prof of CE, OUCE	Member	
5	Dr.R.Srinivasa Kumar Assoc. Prof of CE, OUCE	Member	
6	Dr. A.Vimala Reddy. Prof & HoD AGI	Member	
7	Mr.K.Jeevan Kumar. AEE, I&CAD Kodad	Member	
8	Mr. C. Manikanta Reddy. Asst Prof of AEC	Member	
9	Mr. S. Naresh. Asst Prof of AEC	Member	
10	Mr. A ShivaKrishna. Asst Prof of AEC	Member	
11	Mr.Ch SaidiReddy. Alumini	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 6th Board of Studies (BoS) Meeting in Department of Civil Engineering held on 11th November 2019

Item No. 1: Proposal of detail Syllabi for III & IV B.Tech I and II Semester and Approval

The Chairman presented the proposed syllabi for III & IV B.Tech I and II Semester (Civil Engineering) –R18 Regulation (Annexure-I). The Members elaborately discussed exiting III & IV B.Tech I and II Semester (Civil Engineering) of affiliating university, JNTUH, R15 ANRK With the proposed syllabi (Annexure-II).

Resolution (1): The members after critical discussion unanimously approved the syllabi for III & IV B.Tech I and II Semester (Civil Engineering) R18 Regulation presented in Annexure-II from the Academic year 2020-21.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester examinations and Approval.

The Chairman explained the members about proposed distribution of marks and weight age of syllabus (Annexure-II) and presented Question paper pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (2): The members unanimously approved proposed distribution of marks and weightage of syllabus of the examinations enclosed in the Annexure-III

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be remunerated as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (3): The Board has empowered the Chairman to finalize panel of examiners for conduct examinations of III & IV B.Tech- I & II semesters for the A.Y.2020-21.

Resolution (4): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.


Noted and Approved.

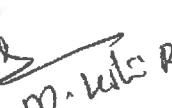
Principal
Anurag Engineering College
Ananthagiri (V&M), Koded,
Suryapet (Dt.), Telangana-509250



Chairman


Board of Studies

Department of Civil Engineering


Prof. M. K. Reddy
C. Prof. M. K. Reddy


Prof. V. B. Krishna
C. Prof. V. B. Krishna


Dr. R. Srinivasan


Dr. A. Vinay

ANNEXURE – I

COURSE STRUCTURE (R18) UNDER CBCS

I B.TECH (CE) I SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA101BS	Mathematics - I	BS	3	1	0	4	25	75	100
2	CH102BS	Engineering Chemistry	BS	3	1	0	4	25	75	100
3	EN103HS	English	HS	2	0	0	2	25	75	100
4	CS104ES	Programming for Problem Solving - I	ES	2	0	0	2	25	75	100
5	CH105BS	Engineering Chemistry Lab	BS	0	0	3	1.5	25	75	100
6	EN106HS	English Language Communication Skills Lab – I	HS	0	0	2	1	25	75	100
7	CS107ES	Programming for Problem Solving - I Lab	ES	0	0	2	1	25	75	100
8	ME108ES	Engineering Workshop	ES	0	0	3	1.5	25	75	100
Total				10	2	10	17	200	600	800

T –Tutorial

P-Practical

D –Drawing

L- Lectures

C- Credits

I YEAR IISEMESTER

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA201BS	Mathematics - II	BS	3	1	0	4	25	75	100
2	PH202BS	Engineering Physics	BS	3	1	0	4	25	75	100
3	ME203ES	Engineering Mechanics	ES	3	1	0	4	25	75	100
4	CS204ES	Programming for Problem Solving - II	ES	2	0	0	2	25	75	100
5	ME205ES	Engineering Graphics	ES	1	0	4	3	25	75	100
6	PH206BS	Engineering Physics Lab	BS	0	0	3	1.5	25	75	100
7	CS207ES	Programming for Problem Solving - II Lab	ES	0	0	3	1.5	25	75	100
8	EN208HS	English Language Communication Skills Lab - II	HS	0	0	2	1	25	75	100
Total				12	3	12	21	200	600	800

T -Tutorial

P-Practical

D -Drawing

L- Lectures

C- Credits

Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206


ANNEXURE – I

COURSE STRUCTURE (R18) II B.TECH (CE) I SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA301BS	Probability and Statistics	BS	3	0	0	3	25	75	100
2	CE302PC	Building Material & Construction Planning	PC	3	0	0	3	25	75	100
3	CE303PC	Strength of Material - I	PC	3	1	0	4	25	75	100
4	CE304PC	Fluid Mechanics	PC	3	1	0	4	25	75	100
5	CE305PC	Engineering Geology	PC	2	0	0	2	25	75	100
6	CE306PC	Surveying & Geometrics	PC	3	0	0	3	25	75	100
7	CE307PC	Surveying Lab	PC	0	0	2	1	25	75	100
8	CE308PC	Engineering Geology Lab	PC	0	0	2	1	25	75	100
9	HS309MC	Gender Sensitization	MC	0	0	2	0	25	75	100
Total				17	2	6	21	225	675	900

II B.TECH (CE) II SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	EE401ES	Basic Electrical & Electronics Engineering	ES	3	0	0	3	25	75	100
2	CE402PC	Strength of Materials-II	PC	3	0	0	3	25	75	100
3	CE403PC	Hydraulics and Hydraulic Machines	PC	3	0	0	3	25	75	100
4	CE404PC	Structural Analysis-I	PC	3	1	0	4	25	75	100
5	CE405PC	Concrete Technology	PC	3	0	0	3	25	75	100
6	CE406PC	Computer Aided Civil Engineering Drawing Lab	PC	0	0	3	1.5	25	75	100
7	CE407PC	Strength of Materials Lab	PC	0	0	2	1	25	75	100
8	CE408PC	Fluid Mechanics & Hydraulic Machines Lab	PC	0	0	3	1.5	25	75	100
9	HS409MC	Human Values And Professional Ethics	MC	0	0	2	0	25	75	100
Total				15	1	10	20	225	675	900


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508202

ANNEXURE – I

III B.TECH (CE) I SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	AE501HS	Managerial Economics and Financial Analysis	HS	3	0	0	3	25	75	100
2	CE502PC	Structural Analysis-II	PC	3	0	0	3	25	75	100
3	CE503PC	Geotechnical Engineering	PC	3	0	0	3	25	75	100
4	CE504PC	Transportation Engineering	PC	3	0	0	3	25	75	100
5	CE505PC	Structural Engineering – I (DRCS)	PC	3	1	0	4	25	75	100
6		PROFESSIONAL ELECTIVE-I	PE	3	0	0	3	25	75	100
7	CE506PC	Highway & Concrete Materials Lab	PC	0	0	2	1	25	75	100
8	CE507PC	Geotechnical Engineering Lab	PC	0	0	2	1	25	75	100
9	HS508MC	Constitution of India	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

III B.TECH (CE) II SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	CE601PC	Foundation Engineering	PC	3	0	0	3	25	75	100
2	CE602PC	Structural Engineering – II (Steel Structures)	PC	3	1	0	4	25	75	100
3	CE603PC	Environmental Engineering	PC	3	0	0	3	25	75	100
4	CE604PC	Water Resource Engineering	PC	3	0	0	3	25	75	100
5		PROFESSIONAL ELECTIVE - II	PE	3	0	0	3	25	75	100
6		OPEN ELECTIVE-I	OE	3	0	0	3	25	75	100
7	CE605PC	Structural Analysis and Design lab	PC	0	0	2	1	25	75	100
8	CE606PC	Environmental Engineering Lab	PC	0	0	2	1	25	75	100
9	HS607MC	Intellectual Property Rights	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

T –Tutorial

P-Practical

D -Drawing

L- Lectures

C- Credits


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-5082

ANNEXURE – I

Professional Elective-I

1. CE511PE-Remote sensing and Geographical Information System
2. CE512PE-Green Building Materials and Technologies
3. CE513PE-Advanced Mechanics of materials

Professional Elective-II

1. CE621PE-Pre-stressed Concrete
2. CE622PE-Highway Construction & Management
3. CE623PE-Ground Water Hydrology

Professional Elective-III

1. CE731PE-Irrigation and Hydraulic Structures
2. CE732PE- Pavement Design
3. CE733PE- Elements of Earthquake Engineering

Professional Elective-IV


1. CE741PE- Airport and Railway Engineering
2. CE742PE- Solid Waste Management
3. CE743PE- Construction Technology and Project Management

Professional Elective-V

1. CE851PE- Repair and Rehabilitation of Structures
2. CE852PE- Finite Element Methods
3. CE853PE- Intelligent Transportation System

Professional Elective-VI

1. CE861PE- Ground Improvement Techniques
2. CE862PE- Disaster Management and Mitigation
3. CE863PE- Advanced Reinforced Concrete Structures Design & Detailing


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200

ANNEXURE - I

IV B.TECH (CE) II SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MS701HS	Management Science	PC	3	0	0	3	25	75	100
2	CE702PC	Estimating and Costing	PC	3	0	0	3	25	75	100
3		PROFESSIONAL ELECTIVE - III	PE	3	0	0	3	25	75	100
4		PROFESSIONAL ELECTIVE - IV	PE	3	0	0	3	25	75	100
5		OPEN ELECTIVE - II	OE	3	0	0	3	25	75	100
6	EN703HS	Advanced English Communication Skills Lab	PC	0	0	2	1	25	75	100
7	CE704PW	MINIPROJECT EVALUATION	PW	0	0	4	2	25	75	100
8	CE705PW	PROJECT STAGE-I	PW	0	0	8	4	100	0	100
Total				15	0	14	22	275	525	800

T -Tutorial

P-Practical

D -Drawing

L- Lectures

C- Credits

IV B.TECH (CE) II SEM

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1		PROFESSIONAL ELECTIVE - V	PE	3	0	0	3	25	75	100
2		PROFESSIONAL ELECTIVE - VI	PE	3	0	0	3	25	75	100
3		OPEN ELECTIVE - III	OE	3	0	0	3	25	75	100
4	CE801PW	SEMINAR	PW	0	0	4	2	100	0	100
5	CE802PW	PROJECT STAGE-II	PW	0	0	12	6	25	75	100
Total				9	0	16	17	200	300	500

T -Tutorial

P-Practical

D -Drawing

L- Lectures

C- Credits


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Buryapet (Dt.), Telangana-508200

ANNEXURE – I

Professional Elective-I

1. CE511PE-Remote sensing and Geographical Information System
2. CE512PE-Green Building Materials and Technologies
3. CE513PE-Advanced Mechanics of materials

Professional Elective-II

1. CE621PE-Pre-stressed Concrete
2. CE622PE-Highway Construction & Management
3. CE623PE-Ground Water Hydrology

Professional Elective-III

1. CE731PE-Irrigation and Hydraulic Structures
2. CE732PE- Pavement Design
3. CE733PE- Elements of Earthquake Engineering

Professional Elective-IV

1. CE741PE- Airport and Railway Engineering
2. CE742PE- Solid Waste Management
3. CE743PE- Construction Technology and Project Management

Professional Elective-V

4. CE851PE- Repair and Rehabilitation of Structures
5. CE852PE- Finite Element Methods
6. CE853PE- Intelligent Transportation System


Professional Elective-VI

1. CE861PE- Ground Improvement Techniques
2. CE862PE- Disaster Management and Mitigation
3. CE863PE- Advanced Reinforced Concrete Structures Design & Detailing



Chairman

Board of Studies
Department of Civil Engineering



Principal
Anurag Engineering College,
Anantnagar (V&M), Kadapa,
Suryapet (Dt.), Telangana-508206



**Minutes of 1st Board of Studies (BoS) Meeting in Department of EEE held on
27th August, 2014**

The 1st Board of Studies(BoS) meeting, Dept. of Electrical and Electronics Engineering, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 27th August, 2014 at 14:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Mr. S. Chandra Sekhar	Chairman	
2	Prof. S. Tara Kalyani	JNTU Nominee	
3	Dr. P.V.N. Prasad	Member	
4	Dr. Siva Sarma DVSS	Member	
5	Er. B.Srinu	Member	
6	Prof. R. Somanatham	Member	
7	Prof. S.M. Zafarullah	Member	
8	Dr. K.Raghu Ram	Member	
9	Mr. J. Srinivas Rao	Member	
10	Mr. T. Raghu	Member	
11	Ms. Leela Jaya Syamala	Member	
12	Ms. K. Rajani	Member	
13	Mr. Sk.Satar Pasha	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 1st Board of Studies (BoS) Meeting in Department of EEE held on
27th August 2014**

Item No. 1 Proposal of Course Structure and Syllabus for I B.Tech (EEE) I and II Semester and I M.Tech (PE&ED, EPS) I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the draft curriculum for following Courses in the Annexure-I.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Electrical Circuits	I / I	B.Tech
2	Basic Electrical Engineering	I / I	B.Tech

The Chairman also presented the course structure for I M.Tech (PE&ED, EPS)- I and II semester along with syllabus of respective courses (Annexure-II). The Members elaborately discussed existing I B.Tech (EEE) course structure of affiliating university, JNTUH, with the proposed course structure. The Chairman informed the members that the affiliating university, JNTUH, course structure and syllabus will be followed for M.Tech Programmes.

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for I B.Tech (EEE) I and II Semester and also approved the course structure and Syllabus for I M.Tech (PE&ED, EPS) I and II Semester.


Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-III) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of I B.Tech- I & II and I M.Tech- I & semesters for the A.Y.2014-15.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



**Chairman
Board of Studies
Department of EEE**



**Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-50820.**

Annexure - III

UG		Internal		End Semester	Total			
Theory	Mid Term I (25 Marks) Duration 90 Minutes	Assignment (5 Marks) To be submitted before the start date of Mid Term - I Examinations	Subjective Test (20 Marks)	Mid Term II (25 marks) Duration 90 Minutes	Assignment (5 Marks) To be submitted before the start date of Mid Term - II Examinations	Subjective Test (20 Marks)	75 Marks	100 Marks
	7 th Week of Instruction	8 th week of Instruction	14 th Week of Instruction	15 th Week of Instruction	Remaining 50 % of Unit-II, Unit-IV and Unit-V		Duration: 180 Minutes	
	Average of Mid-I and Mid-II shall be considered.							
	Mid Term I (25 Marks) Duration 150 Minutes							
Lab	Day to Day Evaluation (15 Marks)	Practical Test (10 Marks)	7 th Week	Day to Day Evaluation (15 Marks)	Practical Test (10 Marks)	14 th Week	50 Marks	75
	First 50% of Experiments		Remaining 50% of Experiments		Average of Mid-I and Mid-II shall be considered.		Duration: 180 Minutes	
	Mid Term II (25 marks) Duration 150 Minutes							
	Mid Term I (25 Marks) Duration 150 Minutes							

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Annexure - III

UG End Semester Question Paper Pattern			
Theory	Mid Term1	Assignment	Unit-I, Unit-II and 50% of Unit-III
		Subjective Test	
	Mid Term2	Assignment	Remaining 50 percent of Unit-III, Unit-IV and Unit-V
		Subjective Test	
End Semester			5 Units
			Unit-1 & 2: 2 Questions each Unit - 3: 1 Question from 50% of Unit-3 Part - A : 5 Marks (All) Part - B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
			Unit-3: 1 Question remaining 50% of Unit-3 Unit - 4 & 5: 2 Questions Each Part - A : 5 Marks (All) Part - B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
			Part-A : 25 Marks (All questions to Answer) Part-B : 50 Marks (5 questions with Internal Choice from each Unit and each carries 10 Marks)

PG End Semester Examination Question Paper Pattern			
Theory	Mid Term1	Assignment	Unit-I, Unit-II and 50% of Unit-III
		Subjective Test	
	Mid Term2	Assignment	Remaining 50 percent of Unit-III, Unit-IV and Unit-V
		Subjective Test	
End Semester			5 Units
			Unit-1 & 2: 2 Questions each Unit - 3: 1 Question from 50% of Unit-3 Part - A : 12 Marks - Six Questions, two questions from each unit (Answer All) Part - B: 18 Marks (3 out of 5) - Each question carries 6 marks.
			Unit-3: 1 Question remaining 50% of Unit-3 Unit - 4 & 5: 2 Questions Each Part - A : 12 Marks - Six Questions, two questions from each unit (Answer All) Part - B: 18 Marks (Answer 3 out of 5) - Each question carries 6 marks.
			Part-A : 20 Marks - 10 Questions (Two from each Unit) Part-B: 40 Marks (5 questions with Internal Choice one question from each Unit and each question carries 8 Marks)

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**B. TECH. ELECTRICAL AND ELECTRONICS ENGINEERING****I YEAR**

Code	Subject	L	T/P/D	C
A10001	English	2	-	4
A10002	Mathematics – I	3	1	6
A10003	Mathematical Methods	3	-	6
A10004	Engineering Physics	3	-	6
A10005	Engineering Chemistry	3	-	6
A10501	Computer Programming	3	-	6
A10301	Engineering Drawing	2	3	6
A10581	Computer Programming Lab.	-	3	4
A10081	Engineering Physics / Engineering Chemistry Lab.	-	3	4
A10083	English Language Communication Skills Lab.	-	3	4
A10082	IT Workshop / Engineering Workshop	-	3	4
	Total	19	16	56

II YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A30007	Mathematics – III	4	-	4
A30102	Fluid Mechanics and Hydraulic Machinery	4	-	4
A30404	Electronic Devices & Circuits	4	-	4
A30204	Electrical Circuits	4	-	4
A30403	Electromagnetic fields	4	-	4
A30206	Electrical Machines-I	4	-	4
A30181	Fluid Mechanics and Hydraulic Machinery Lab	-	3	2
A30482	Electronic devices & Circuit labs	-	3	2
	Total	24	6	28

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II YEAR II SEMESTER

Code	Subject	L	T/P/D	C
A40010	Managerial Economics & Financial Analysis	4	-	4
A40214	Power Systems-I	4	-	4
A40413	Electronic Circuits	4	-	4
A40407	Switching Theory and Logic Design	4	-	4
A40213	Network Theory	4	-	4
A40212	Electrical Machines-II	4	-	4
A40287	Electrical Machines lab -I	-	3	2
A40286	Electrical Circuits and Simulation Lab	-	3	2
	Total	24	6	28

III YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A50423	IC Applications	4	-	4
A50014	Management Science	4	-	4
A50221	Power Systems-II	4	-	4
A50211	Control Systems	4	-	4
A50220	Power Electronics	4	-	4
A50218	Electrical Machines-III	4	-	4
A50289	Electrical Machines lab -II	-	3	2
A50086	Advanced Communication Skills Lab	-	3	2
	Total	24	6	28

III YEAR II SEMESTER

Code	Subject	L	T/P/D	C
A60223	Electrical and Electronics Instrumentation	4	-	4
A60225	Static Drives	4	-	4
A60222	Computer Methods in Power Systems	4	-	4
A60430	Microprocessors and Interfacing Devices	4	-	4
A60009	Environmental Studies	4	-	4
	Open Elective	4	-	4
A60117	Disaster Management			
A60017	Intellectual Property Rights			
A60018	Human Values and Professional Ethics			
A60290	Control Systems and Simulation Lab	-	3	2
A60291	Power Electronics and Simulation Lab	-	3	2
	Total	24	6	28

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IV YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A70231	Switch Gear and Protection	4	-	4
A70232	Utilization of Electrical Energy	4	-	4
A70421	Digital Signal Processing	4	-	4
A70230	Power System Operation and Control	4	-	4
	Elective-I	4	-	4
A70228	High Voltage Engineering			
A70432	VLSI Design			
A70435	Digital Control Systems			
	Elective-II	4	-	4
A70229	Optimization Techniques			
A70226	Electrical Distribution Systems			
A70227	Electrical Estimation and Costing			
A70498	Microprocessors and Interfacing Devices Lab	-	3	2
A70293	Electrical Measurements Lab	-	3	2
	Total	24	6	28

IV YEAR II SEMESTER


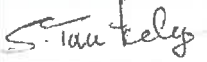







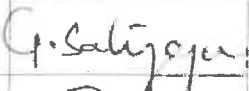
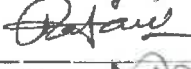

Code	Subject	L	T/P/D	C
A80237	Fundamentals of HVDC and FACTS Devices	4	-	4
	Elective-III	4	-	4
A80238	Neural Networks and Fuzzy Logic			
A80324	Renewable Energy Sources			
A80244	Principles of Reliability Engineering			
	Elective-IV	4	-	4
A80234	Advanced Control Systems			
A80235	EHV AC Transmission			
A82909	Nanotechnology			
A80087	Industry Oriented Mini Project	-	-	2
A80089	Seminar	-	6	2
A80088	Project Work	-	15	10
A80090	Comprehensive Viva-Voce	-	-	2
	Total	12	21	28

Note: All End Examinations (Theory and Practical) are of three hours duration.
T-Tutorial L - Theory P - Practical D-Drawing C - Credits


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Minutes of 2nd Board of Studies (BoS) Meeting in Department of Electrical and Electronics Engineering held on 10th June 2015

The 2nd Board of Studies (BoS) meeting, Dept. of Electrical and Electronics Engineering, Anurag Engineering College, Ananthagiri (V), Kodad (M), Nalgonda (Dist), Telangana, is held on 10th June 2015 at 10:00 hrs Anurag Corporate Office, Hyderabad. The following members are attended.

S.No.	Name of the member	Position	Signature
1	Mr.S.Chandrasekhar	Chairman	
2	Prof.S.Tara Kalyani	JNTU Nominee	
3	Dr.P.V.N.Prasad	Member	
4	Dr.D.M. Vinod Kumar	Member	
5	Er.B.Srinu	Member	
6	Prof.R.Somanatham	Member	
7	Prof.S.M. Zafarullah	Member	
8	Dr.K.Raghu Ram	Member	
9	Mr.J.Srinivas Rao	Member	
10	Mr.T.Raghu	Member	
11	Mr.G.Satyanarayana	Member	
12	Ms.K.Rajani	Member	
13	Mr.Sk.Satar Pasha	Member	

Minutes of 2nd Board of Studies (BoS) Meeting in Department of Electrical and Electronics Engineering held on 10th June 2015

Item No. (1): Proposal of Course Structure and Syllabus for II B.Tech (EEE) I and II Semester and Approval. The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-I.

Table 1: EEE Core Subjects

S.No.	Name of the Course	Year / Semester	Programme
1	Network Theory	II / I	B.Tech
2	Electro Magnetic Fields	II / I	B.Tech
3	Electrical machines –I	II / I	B.Tech
4	Electrical Circuits and Simulation Lab	II / I	B.Tech
5	Power Systems-I	II / II	B.Tech
6	Control Systems	II / II	B.Tech
7	Electrical machines-II	II / II	B.Tech
8	Electrical machines-I Lab	II / II	B.Tech

Table 2: Service Courses

S.No.	Name of the Lab	Year / Semester	Programme
1	Electrical Technology & Mechanical Technology	II / I	B.Tech (CIVIL)
2	Electrical & Electronics Engineering	II / I	B.Tech (MECH)
3	Electrical and Electronics Engineering Lab	II / I	B.Tech (MECH)
4	Electronic Devices and Electrical Circuits Lab	II / I	B.Tech (CSE)
5	Principles of Electrical Engineering	II / II	B.Tech (ECE)

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for II B.Tech (EEE) I and II Semester and service courses for II B.Tech I and II semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the II B.Tech (EEE) I and II Semester and service courses for II B.Tech I and II semester. The members advised that atleast 80% of experiments should be completed in a semester for the labs.

Resolution (3) : The members approved to adopt R14 I B.Tech I and II semester syllabus for 2015-16 batch students.

Noted and Approved.

Item No.2: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (1): The board has empowered Chairman to finalise panel of examiners for conduct examinations of II B.Tech- I & II semesters for the A.Y.2015-16.


Resolution (2): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

**Board of Studies
Department of EEE**



**Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
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Annexure - I


Course Structure for II B. Tech EEE I and II Semester of R-14 Regulation.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-IV	II / I	B.Tech
2	Fluid Mechanics & Hydraulic Machinery	II / I	B.Tech
3	Electronic Devices and Circuits	II / I	B.Tech
4	Network Theory	II / I	B.Tech
5	Electro Magnetic Fields	II / I	B.Tech
6	Electrical machines-I	II / I	B.Tech
7	Fluid Mechanics & Hydraulic Machinery lab	II / I	B.Tech
8	Electrical Circuits and Simulation Lab	II / I	B.Tech
9	Electronic Circuits	II / II	B.Tech
10	Managerial Economics and Financial Analysis	II / II	B.Tech
11	Power Systems-I	II / II	B.Tech
12	Control Systems	II / II	B.Tech
13	Environmental Studies	II / II	B.Tech
14	Electrical machines-II	II / II	B.Tech
15	Electrical machines-I Lab	II / II	B.Tech
16	Electronic Devices and circuits lab	II / II	B.Tech
17	Gender Sensitization	II / II	B.Tech


Chairman

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Department of EEE


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Annexure - II

Course Structure of M.Tech (Power Electronics and Electrical Drives)

R15 Regulation under CBCS

I YEAR I SEMESTER

Course Code	Category	Course Name	L	P	C
	Core Course I	Machine Modeling and Analysis	4	0	4
	Core Course II	Modern Control Theory	4	0	4
	Core Course III	Power Electronic Control of DC Drives	4	0	4
	Core Elective-I	Special Machines	4	0	4
		Digital Control Systems			
		Programmable Logic Controllers and their Applications			
	Core Elective-II	Microcontrollers and Applications	4	0	4
		Embedded Systems			
		HVDC Transmission			
	Open Elective I	Optimization Techniques	4	0	4
		Power Electronic Converters-I			
		Renewable energy systems			
	Lab	Power Converters Lab	--	4	2
	Seminar	Seminar-I	--	4	2
Total			24	8	28


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Annexure - II
I YEAR II SEMESTER

Course Code	Category	Subject Name	L	P	C
	Core Course V	Power Electronic Converters – II	4	0	4
	Core Course VI	Neural Networks and Fuzzy Systems	4	0	4
	Core Course VII	Power Electronic Control of AC Drives	4	0	4
	Core Elective-III	Power Quality	4	0	4
		Advanced Digital Signal Processing			
	Core Elective-IV	Flexible AC Transmission Systems	4	0	4
		High-Frequency Magnetic Components			
		Dynamics of Electrical Machines			
	Open Elective II	Smart grid technologies	4	0	4
		AI Techniques in Electrical Engineering			
		Reliability Engineering			
	Lab	Electrical Systems Simulation Lab	0	4	2
	Seminar	Seminar-II		4	2
Total			24	8	28


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Annexure - II

II YEAR I SEMESTER


Course Code	Category	Subject Name	L	P	C
		Comprehensive Viva-Voce	--	--	4
		Project work Review I	--	24	12
Total			--	24	16

II YEAR II SEMESTER

Course Code	Category	Subject Name	L	P	C
		Project work Review II	--	8	4
		Project Evaluation (Viva-Voce)	--	16	12
Total			--	24	16


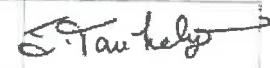

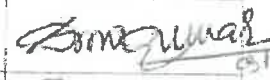

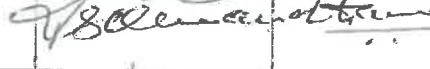
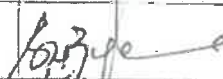
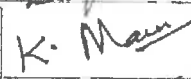


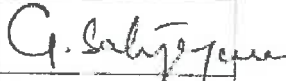



Chairman

Board of Studies
Department of EEE


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 3rd Board of Studies (BoS) Meeting of Department of Electrical and Electronics Engineering held on 3rd May 2016

The 3rd Board of Studies (BoS) meeting, Department of Electrical and Electronics Engineering, Anurag Engineering College, Ananthagiri (V), Kodad (M), Nalgonda (Dist), Telangana, is held on 3rd May 2016 at 10:00 hrs at Anurag Engineering College, Kodad. The following members are attended.

S.No.	Name of the member	Position	Signature
1	Mr.S.Chandrasekhar	Chairman	
2	Prof.S.Tara Kalyani	JNTU Nominee	
3	Dr.P.V.N.Prasad	Member	
4	Dr.D.M. Vinod Kumar	Member	
5	Er.B.Srinu	Member	
6	Prof.R.Somanatham	Member	
7	Prof.S.M. Zafarullah	Member	
8	Dr.K.Raghu Ram	Member	
9	Mr.J.Srinivas Rao	Member	
10	Mr.T.Raghu	Member	
11	Mr.G.Satyanarayana	Member	
12	Mrs.K.Rajani	Member	
13	Mr.Sk.Satar Pasha	Member	

Minutes of 3rd Board of Studies (BoS) Meeting of Department of Electrical and Electronics Engineering held on 3rd May 2016

Item No. (1): Proposal of Course Structure for B.Tech (EEE) II, III & IV year under CBCS and Syllabus for II B.Tech (EEE) I and II Semester under CBCS and Approval.


The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-Ia.

Table 1: EEE Core Subjects

S.No.	Classification	Name of the Course	Year / Semester	Programme
1	PC	Network Theory	II / I	B.Tech
2	PC	Electro Magnetic Fields	II / I	B.Tech
3	PC	Electrical Machines –I	II / I	B.Tech
4	PC	Electrical Circuits & Simulation Lab	II / I	B.Tech
5	PC	Power Systems-I	II / II	B.Tech
6	PC	Control Systems	II / II	B.Tech
7	PC	Electrical Machines-II	II / II	B.Tech
8	PC	Electrical Machines Lab-I	II / II	B.Tech

Table 2: Service Courses

S.No.	Name of the Course	Year / Semester	Programme
1	Electrical & Electronics Engineering	II / I	B.Tech (CIVIL)
2	Electrical & Electronics Engineering	II / I	B.Tech (MECH)
3	Electrical and Electronics Engineering Lab	II / I	B.Tech (MECH)
4	Electronic Devices and Electrical Circuits Lab	II / I	B.Tech (CSE)
5	Principles of Electrical Engineering	II / II	B.Tech (ECE)
6	Principles of Electrical Engineering Lab	II / II	B.Tech (ECE)


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Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

The Members elaborately discussed about the existing II B.Tech (EEE) course structure and syllabus of affiliating university, JNTUH, with the proposed course structure and syllabus.

Resolution (1): The members after critical discussion approved the course structure for II, III & IV B.Tech (EEE) I and II Semester under CBCS.

Resolution (2): The members after critical discussion approved the syllabus to be taught for II B.Tech (EEE) I and II Semester under CBCS and syllabus to be taught for service courses.

Resolution (3): The members approved the list of experiments for the lab courses to be carried out in the II B.Tech (EEE) I and II Semester and list of experiments for service courses. The members advised that at least 80% of experiments should be completed in a semester for the labs.

Resolution (4): The members approved to adopt R16 I & II B.Tech I and II semester course structure and syllabus for 2016-17 batch students.

Noted and Approved.

Item No. (2): **Proposal of Course Structure and Syllabus for III & IV B.Tech (EEE) I and II Semester and Approval.** The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-Ib.

Table 1: EEE Core Subjects

S.No.	Name of the Course	Year / Semester	Programme
1	Power Electronics	III / I	B.Tech
2	Power Systems –II	III / I	B.Tech
3	Electrical machines –III	III / I	B.Tech
4	Switching Theory and Logic Design	III / I	B.Tech
5	Control Systems and Simulation Lab	III / I	B.Tech
6	Electrical machines Lab-II	III / I	B.Tech
7	Switch Gear and Protection	III / II	B.Tech
8	Computer Methods in Power Systems	III / II	B.Tech
9	Electrical Measurements	III / II	B.Tech
10	Electrical Distribution Systems	III / II	B.Tech

11	Renewable Energy Sources	III / II	B.Tech
12	Power Electronics and Simulation Lab	III / II	B.Tech
13	Utilization of Electrical Energy	IV/ I	B.Tech
14	Instrumentation	IV/ I	B.Tech
15	Power System operation and control	IV/ I	B.Tech
16	Power semiconductor drives	IV/ I	B.Tech
17	High Voltage Engineering	IV/ I	B.Tech
18	Neural Networks and Fuzzy Logic	IV/ I	B.Tech
19	Electrical Measurements Lab	IV/ I	B.Tech
20	Industry Oriented Mini Project	IV/ I	B.Tech
21	Project Seminar	IV/ I	B.Tech
22	HVDC Transmission	IV/ II	B.Tech
23	Linear System Analysis	IV/ II	B.Tech
24	Digital Control Systems	IV/ II	B.Tech
25	Power system Reliability	IV/ II	B.Tech
26	Advanced Control Systems	IV/ II	B.Tech
27	EHV AC Transmission	IV/ II	B.Tech
28	Technical Seminar	IV/ II	B.Tech
29	Project Work	IV/ II	B.Tech
30	Comprehensive Viva-Voce	IV/ II	B.Tech

Table 2: Service Courses

S.No.	Name of the Course	Year / Semester	Programme
1	Renewable Energy Sources	IV / II	B.Tech (Mech)

The Members elaborately discussed about the existing III & IV B.Tech (EEE) course structure and syllabus of affiliating university, JNTUH, with the proposed course structure and syllabus.

Resolution (1): The members after critical discussion approved the course structure and syllabus to be taught for III & IV B.Tech (EEE) I and II Semester and syllabus to be taught for service courses.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the III & IV B.Tech (EEE) I and II Semester. The members advised that atleast 80% of experiments should be completed in a semester for the labs.

Noted and Approved.

Item No. (3): **Proposal of Course Structure and Syllabus for M.Tech (PE&ED) and Approval.** The Chairman of Board of Studies (BoS) informed to adopt R13 JNTU course structure and syllabus for M.Tech (PE&ED).

Resolution (1): The members approved the R13 course structure and syllabus to be taught for M.Tech (PE&ED) I and II Semester.

Item No. (4): To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (1): The board has empowered Chairman to finalize panel of examiners for conduct examinations for the A.Y.2015-16.

Resolution (2): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman
Board of Studies
Department of EEE



Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Annexure - IA

Course Structure for II B. Tech EEE I and II Semester of R-15 Regulation under CBCS.

Table 1:

S.No.	Classification	Name of the Course	Year / Semester	Programme
1	BS	Mathematics-IV	II / I	B.Tech
2	ES	Switching Theory & Logic Design	II / I	B.Tech
3	PC	Electronic Devices & Circuits	II / I	B.Tech
4	PC	Network Theory	II / I	B.Tech
5	PC	Electromagnetic Fields	II / I	B.Tech
6	PC	Electrical Machines-I	II / I	B.Tech
7	ES	Electrical Circuits Lab	II / I	B.Tech
8	PC	Electronic Devices & Circuits Lab	II / I	B.Tech
9	MC	Gender Sensitization	II / I	B.Tech
10	ES	Electronic Circuits	II / II	B.Tech
11	HS	Managerial Economics and Financial Analysis	II / II	B.Tech
12	PC	Power Systems-I	II / II	B.Tech
13	PC	Control Systems	II / II	B.Tech
14	PC	Electrical Machines-II	II / II	B.Tech
15	HS	Environmental Studies	II / II	B.Tech
16	PC	Electrical Machines-I Lab	II / II	B.Tech
17	PC	Control Systems Lab	II / II	B.Tech
18	MC	Human Values and Professional Ethics	II / II	B.Tech


 Chairman

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Annexure - IA

Course Structure for III & IV B. Tech EEE I and II Semester of R-15 Regulation under CBCS.

Table 1:

S.No.	Classification	Name of the Course	Year / Semester	Programme
1	PC	Linear IC Applications	III / I	B.Tech
2	HS	Management Science	III / I	B.Tech
3	PC	Power Electronics	III / I	B.Tech
4	PC	Power Systems-II	III / I	B.Tech
5	PC	Electrical Machines-III	III / I	B.Tech
6	PE-1	Renewable Energy Sources	III / I	B.Tech
7	PE-1	Computer Organization	III / I	B.Tech
8	PE-1	Signals & Systems	III / I	B.Tech
9	PC	Power Electronics Lab	III / I	B.Tech
10	PC	Electrical Machines-II Lab	III / I	B.Tech
11	PC	Switchgear and Protection	III / II	B.Tech
12	PC	Computer Methods in Power Systems	III / II	B.Tech
13	PC	Electrical Measurements	III / II	B.Tech
14	PC	Power Semiconductor Drives	III / II	B.Tech
15	PE-2	Special Electrical Machines	III / II	B.Tech
16	PE-2	Advanced Power Electronics	III / II	B.Tech
17	PE-2	Electrical Distribution Systems	III / II	B.Tech
18	OE-1	Construction Materials	III / II	B.Tech
19	OE-1	Waste Management	III / II	B.Tech
20	OE-1	Solar Photovoltaic Systems	III / II	B.Tech


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Annexure - IA

21	OE-1	Maintenance of Electrical Systems	III / II	B.Tech
22	OE-1	Advanced Engineering Materials	III / II	B.Tech
23	OE-1	Mechatronics	III / II	B.Tech
24	OE-1	Principles of Communication Systems	III / II	B.Tech
25	OE-1	Electronic Measuring Instruments	III / II	B.Tech
26	OE-1	Java Programming	III / II	B.Tech
27	OE-1	Computer Networks	III / II	B.Tech
28	PC	Electrical Measurements Lab	III / II	B.Tech
29	HS	Advanced English Communication Skills Lab	III / II	B.Tech
30	PC	Microprocessors and Microcontrollers	IV / I	B.Tech
31	PC	Power System Operation and Control	IV / I	B.Tech
32	PC	Utilization Of Electrical Energy	IV / I	B.Tech
33	PE-3	Instrumentation	IV / I	B.Tech
34	PE-3	High Voltage Engineering	IV / I	B.Tech
35	PE-3	Optimization Techniques	IV / I	B.Tech
36	PE-4	Advanced Control Systems	IV / I	B.Tech
37	PE-4	Neural Networks and Fuzzy Logic	IV / I	B.Tech
38	PE-4	Linear system Analysis	IV / I	B.Tech
39	OE-2	Disaster Management and Mitigation	IV / I	B.Tech
40	OE-2	Geological Information System & Remote Sensing	IV / I	B.Tech
41	OE-2	Energy Storage Systems	IV / I	B.Tech
42	OE-2	Electrical Engineering Materials	IV / I	B.Tech
43	OE-2	Power Plant Engineering	IV / I	B.Tech


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Annexure - IA

44	OE-2	Industrial Robotics	IV / I	B.Tech
45	OE-2	Computer Organization	IV / I	B.Tech
46	OE-2	Principles of Signal Processing	IV / I	B.Tech
47	OE-2	Database Management Systems	IV / I	B.Tech
48	OE-2	Web Technologies	IV / I	B.Tech
49	PC	Electrical Simulation Lab	IV / I	B.Tech
50	PC	Microprocessors and Microcontrollers Lab	IV / I	B.Tech
51	PW	Mini Project	IV / I	B.Tech
52	PE-5	HVDC Transmission & FACTS	IV / II	B.Tech
53	PE-5	Smart Grid	IV / II	B.Tech
54	PE-5	Power Quality	IV / II	B.Tech
55	PE-6	EHV AC Transmission	IV / II	B.Tech
56	PE-6	Power System Reliability	IV / II	B.Tech
57	PE-6	Digital Signal Processing	IV / II	B.Tech
58	OE-3	Construction Technology and Project Management	IV / II	B.Tech
59	OE-3	Safety Engineering	IV / II	B.Tech
60	OE-3	Energy conservation and Audit	IV / II	B.Tech
61	OE-3	Artificial Neural Networks	IV / II	B.Tech
62	OE-3	Renewable Energy Sources	IV / II	B.Tech
63	OE-3	Automobile Engineering	IV / II	B.Tech
64	OE-3	Nanotechnology	IV / II	B.Tech
65	OE-3	Biometric System	IV / II	B.Tech
66	OE-3	Game Theory with Engineering Applications	IV / II	B.Tech


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Annexure - IA

67	OE-3	Software Engineering	IV / II	B.Tech
68	PW	Seminar	IV / II	B.Tech
69	PW	Project Work	IV / II	B.Tech
70	PW	Comprehensive Viva-Voce	IV / II	B.Tech



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Annexure - Ib

Course Structure for III & IV B. Tech EEE I and II Semester of R-14 Regulation.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	IC Applications	III / I	B.Tech
2	Management Science	III / I	B.Tech
3	Power Electronics	III / I	B.Tech
4	Power Systems –II	III / I	B.Tech
5	Electrical machines –III	III / I	B.Tech
6	Switching Theory and Logic Design	III / I	B.Tech
7	Control Systems and Simulation Lab	III / I	B.Tech
8	Electrical machines Lab – II	III / I	B.Tech
9	Switch Gear and Protection	III / II	B.Tech
10	Computer Methods in Power Systems	III / II	B.Tech
11	Electrical Measurements	III / II	B.Tech
12	Utilization of Electrical Energy	III / II	B.Tech
13	Electrical Distribution Systems	III / II	B.Tech
14	Disaster Management	III / II	B.Tech
15	Intellectual Property Rights	III / II	B.Tech
16	Renewable Energy Sources	III / II	B.Tech
17	Power Electronics and Simulation Lab	III / II	B.Tech
18	Advanced English Communication Skills lab	III / II	B.Tech
19	Micro Processors & Micro Controllers	IV / I	B.Tech
20	Instrumentation	IV / I	B.Tech
21	Power System operation and control	IV / I	B.Tech


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Annexure - Ib

22	Power semiconductor drives	IV / I	B.Tech
23	High Voltage Engineering	IV / I	B.Tech
24	VLSI Design	IV / I	B.Tech
25	Optimization Techniques	IV / I	B.Tech
26	Nano Technology	IV / I	B.Tech
27	Digital Signal processing	IV / I	B.Tech
28	Neural Networks and Fuzzy Logic	IV / I	B.Tech
29	Micro processors & Micro Controllers lab	IV / I	B.Tech
30	Electrical Measurements Lab	IV / I	B.Tech
31	Industry Oriented Mini Project	IV / I	B.Tech
32	HVDC Transmission	IV / II	B.Tech
33	Linear System Analysis	IV / II	B.Tech
34	Digital Control Systems	IV / II	B.Tech
35	Power system Reliability	IV / II	B.Tech
36	Advanced Control Systems	IV / II	B.Tech
37	EHV AC transmission	IV / II	B.Tech
38	Computer Organization	IV / II	B.Tech
39	Technical Seminar	IV / II	B.Tech
40	Project Work	IV / II	B.Tech
41	Comprehensive Viva-Voce	IV / II	B.Tech


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Minutes of 4th Board of Studies (BoS) Meeting of Department of Electrical and Electronics Engineering held on 10th Mar 2017

The 4th Board of Studies (BoS) meeting, Department of Electrical and Electronics Engineering, Anurag Engineering College, Ananthagiri (V & M), Suryapet (Dist), Telangana, is held on 10th Mar 2017 at 10:00 am at Anurag Engineering College, Kodad. The following members are attended.

S.No.	Name of the member	Position	Signature
1	Mr.S.Chandra Sekhar, Assoc. Prof. & Head of EEE, AEC ✓	Chairman	
2	Dr.S.S. Tulasi Ram, Prof. of EEE, JNTUH ✓ CEH	JNTU Nominee	
3	Dr.P.V.N.Prasad, Prof. of EEE, OUCE ✓	Member	
4	Dr.D.M. Vinod Kumar, Prof. of EEE, NITW ✓	Member	
5	Er.B.Srinu, Asst. Divisional Engineer, TS Genco	Member	
6	Prof. R.Somanatham, Prof. of EEE, AGOI ✓	Member	
7	Prof.S.M. Zafarullah, Prof. of EEE, VJIT	Member	
8	Dr.K.Raghu Ram, Prof. of EEE, LITS ✓	Member	
9	Dr. B. Gavaskar Reddy, Prof. of EEE, AEC	Member	
10	Dr.K. Rajgopal, Prof. of EEE, AEC ✓	Member	
11	Mr.J.Srinivas Rao, Assoc.Prof. of EEE, AEC ✓	Member	
12	Mr.T.Raghu, Assoc.Prof. of EEE, AEC ✓	Member	
13	Mr. P. Srikanth, Alumini	Member	

Minutes of 4th Board of Studies (BoS) Meeting of Department of Electrical and Electronics Engineering held on 10th Mar 2017

Item No. (1): Proposal of Syllabus for III & IV B.Tech (EEE) R15 Regulation I and II Semester under CBCS and Approval. The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-IA.

Table 1: EEE Core Subjects

S.No.	Classification	Name of the Course	Year / Semester	Programme
1	PC	Power Electronics	III / I	B.Tech
2	PC	Power Systems-II	III / I	B.Tech
3	PC	Electrical Machines-III	III / I	B.Tech
4	PE-1	Renewable Energy Sources	III / I	B.Tech
5	PC	Power Electronics Lab	III / I	B.Tech
6	PC	Electrical Machines-II Lab	III / I	B.Tech
7	PC	Switchgear and Protection	III / II	B.Tech
8	PC	Computer Methods in Power Systems	III / II	B.Tech
9	PC	Electrical Measurements	III / II	B.Tech
10	PC	Power Semiconductor Drives	III / II	B.Tech
11	PE-2	Special Electrical Machines	III / II	B.Tech
12	PE-2	Advanced Power Electronics	III / II	B.Tech
13	PE-2	Electrical Distribution Systems	III / II	B.Tech
14	OE-1	Solar Photovoltaic Systems	III / II	B.Tech
15	OE-1	Maintenance of Electrical Systems	III / II	B.Tech
16	PC	Electrical Measurements Lab	III / II	B.Tech
17	PC	Power System Operation and Control	IV / I	B.Tech
18	PC	Utilization Of Electrical Energy	IV / I	B.Tech
19	PE-3	Instrumentation	IV / I	B.Tech
20	PE-3	High Voltage Engineering	IV / I	B.Tech

21	PE-3	Optimization Techniques	IV / I	B.Tech
22	PE-4	Advanced Control Systems	IV / I	B.Tech
23	PE-4	Neural Networks and Fuzzy Logic	IV / I	B.Tech
24	PE-4	Linear system Analysis	IV / I	B.Tech
25	OE-2	Energy Storage Systems	IV / I	B.Tech
26	OE-2	Electrical Engineering Materials	IV / I	B.Tech
27	PC	Electrical Simulation Lab	IV / I	B.Tech
28	PW	Mini Project	IV / I	B.Tech
29	PE-5	HVDC Transmission & FACTS	IV / II	B.Tech
30	PE-5	Smart Grid	IV / II	B.Tech
31	PE-5	Power Quality	IV / II	B.Tech
32	PE-6	EHV AC Transmission	IV / II	B.Tech
33	PE-6	Power System Reliability	IV / II	B.Tech
34	OE-3	Energy conservation and Audit	IV / II	B.Tech
35	OE-3	Artificial Neural Networks	IV / II	B.Tech
36	PW	Seminar	IV / II	B.Tech
37	PW	Project Work	IV / II	B.Tech
38	PW	Comprehensive Viva-Voce	IV / II	B.Tech

The Members elaborately discussed about the existing III & IV B.Tech (EEE) course structure and syllabus of affiliating university, JNTUH, with the proposed course structure and syllabus.

Resolution (1): The members after critical discussion approved the syllabus to be taught for III & IV B.Tech (EEE) R15 Regulation I and II Semester under CBCS.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the III & IV B.Tech (EEE) R15 Regulation I and II Semester under CBCS.

Resolution (3): The members approved to adopt R15 course structure and syllabus for 2017-18 admitted students.

Noted and Approved.

Item No. (2): Proposal of Syllabus for Service Course of IV B.Tech (ECE) R14

Regulation I Semester and Approval. The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-IB.

Table 1: Service Course

S.No.	Name of the Course	Year / Semester	Programme
1	Neural Networks and Fuzzy Logic	IV / I	B.Tech (ECE)

The Members elaborately discussed the syllabus.

Resolution (1): The members after critical discussion approved the syllabus to be taught for service course.

Noted and Approved.

Item No. (3): Adaption of Course Structure and Syllabus for I and II Year M.Tech (PE&ED) and Approval. The Chairman of Board of Studies (BoS) proposed to adopt R15 Regulation course structure and syllabus for I and II Year M.Tech (PE&ED) for 2017-18 admitted students.

Resolution (1): The members approved the R15 course structure and syllabus to be taught for I and II Year M.Tech (PE&ED) for 2017-18 admitted students.

Item No. (4): To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (1): The board has empowered Chairman to finalize panel of examiners for conduct examinations for the A.Y.2017-18.


Resolution (2): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.


Noted and Approved.


Chairman
Board of Studies
Department of EEE

Minutes of 5th Board of Studies (BoS) Meeting in Department of Electrical and Electronics Engineering held on 20th August 2018

The 5th Board of Studies (BoS) meeting, Dept. of Electrical and Electronics, Anurag Engineering College, Kodad Ananthagiri(V&M), Suryapet (Dist), Telangana, is held on 20th August 2018 at 11:00 hrs. The following members discussed and approved the agenda.

S.No.	Name of the member	Position	Signature
1	Mr.S.Chandra Sekhar, Assoc. Prof. & Head of EEE, AEC	Chairman	
2	Dr.A.Jaya Lakshmi, Prof. of EEE, JNTUH CEH	JNTUH Nominee	A. Jaya Lakshmi 20/8/18
3	Dr.P.V.N.Prasad, Prof. of EEE, OUCE	Member	 20/8/18
4	Dr.D.M. Vinod Kumar, Prof. of EEE, NITW	Member	 20/8/18
5	Er.B.Srinu, Asst. Divisional Engineer, TSGENCO	Member	
6	Prof.R.Somanatham, Prof.of EEE, AGOI	Member	 20.8.18
7	Dr.B.G.Reddy, Prof. of EEE, VJIT	Member	
8	Dr.K.Raghu Ram, Prof. of EEE, LITS	Member	K. Manu
9	Dr. Jayaprakash Narayanan, Prof. of EEE, AEC	Member	
10	Dr.K. Rajangam, Prof. of EEE, AEC	Member	 20/8/18
11	Mr.J.Srinivas Rao, Assoc.Prof. of EEE, AEC	Member	
12	Mr.T.Raghu, Assoc.Prof. of EEE, AEC	Member	
13	Mr. P. Srikanth, Alumini	Member	


Principal
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Item No. (1): Proposal of Course Structure and Syllabus for I B.Tech (EEE) I and II Semester of R18 Regulation and Approval. The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-I.

The Members elaborately discussed about existing B.Tech (EEE) course structure and syllabus of R15 regulation and affiliating university, JNTUH, with the proposed course structure.

Table 1: EEE core subject

S.no	Name of the course	Year/semester	Programme
1	Basic Electrical and Electronics	I/II	B.Tech
2	Basic Electrical and Electronics Laboratory	I/II	B.Tech

Resolution (1) : The members after discussion approved the syllabus to be taught for I B.Tech (EEE) II Semester of R18 regulation.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech (EEE) II semester of R18 regulation.

Noted and Approved.

Item No. (2): Proposal of syllabus of service courses and Approval. The Chairman of Board of Studies (BoS) presented the syllabus of service Courses for I B.Tech (ECE, CSE) in the Annexure-II.

Table 2: Service Courses

S.no	Name of the course	Year/semester	Programme
1	Basic Electrical and Electronics	I/I	B.Tech
2	Basic Electrical and Electronics Laboratory	I/I	B.Tech

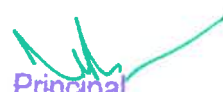
Resolution (1): The members after discussion approved the syllabus to be taught for I B.Tech (ECE, CSE) I semesterservice courses of R18 regulation.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech (ECE, CSE) I semester of R18 regulation.

Noted and Approved.


Chairman

Board of Studies
Department of EEE


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I B.Tech (EEE) I SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS
1	MA101BS	Mathematics - I	3	1	0	4	25	75	100
2	CH102BS	Engineering Chemistry	3	1	0	4	25	75	100
3	EN103HS	English	2	0	0	2	25	75	100
4	CS104ES	Programming for Problem Solving - I	2	0	0	2	25	75	100
5	CH105ES	Engineering Chemistry Lab	0	0	3	1.5	25	75	100
6	EN106HS	English Language Communication Skills Lab - I	0	0	2	1	25	75	100
7	CS107ES	Programming for Problem Solving Lab - I	0	0	2	1	25	75	100
8	ME108ES	Engineering Workshop	0	0	3	1.5	25	75	100
		Total	10	2	10	17.5			800

I B.Tech (EEE) II SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS
1	MA201BS	Mathematics - II	3	1	0	4	25	75	100
2	PH202BS	Engineering Physics	3	1	0	4	25	75	100
3	EE203ES	Basic Electrical Engineering	3	0	0	3	25	75	100
4	CS204ES	Programming for Problem Solving - II	2	0	0	2	25	75	100
5	ME205ES	Engineering Graphics	1	0	4	3	25	75	100
6	PH206BS	Engineering Physics Lab	0	0	3	1.5	25	75	100
7	CS207ES	Programming for Problem Solving Lab - II	0	0	3	1.5	25	75	100
8	EN208HS	English Language Communication Skills Lab - II	0	0	2	1	25	75	100
9	EE209ES	Basic Electrical Engineering Lab	0	0	2	1	25	75	100
		Total	12	2	14	20.5			900



ANURAG ENGINEERING COLLEGE

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Department of Electrical and Electronics Engineering

I Year B.Tech Course

L	T	P	C
3	0	0	3

BASIC ELECTRICAL ENGINEERING (Common to EEE, ECE, CSE)

Course Objectives:

- To introduce the concept of electrical circuits and its components.
- To impart knowledge of basic electrical equipment.
- To impart the knowledge of AC circuits, Phasor algebra related to alternating quantities
- To acquaint the students with principles of operation of transformers, Electrical machines and electrical installations.

Course Outcomes:

At the end of the course, students will be able to

- Understand the importance of electrical circuits and its components.
- Determine the losses and efficiency of single phase transformers.
- Analyze the performance of DC machines and induction motor.
- Demonstrate the principle of operation of Synchronous generator and importance of Electrical installations.

UNIT-I DC Circuits:

Basic definitions, types of elements, types of sources, Ohm's Law, Kirchhoff's Laws, resistive networks, series, parallel circuits, Star- Delta and Delta- Star transformation, Network theorems- Superposition, Thevenin's & Norton's Theorems- simple problems.

UNIT-II AC Circuits:

Representation of sinusoidal waveforms, peak, rms and average values. Elementary treatment of single-phase AC circuits consisting of R, R-L, R-C, R-L-C combinations (series circuit only). Phasor representation, power factor, real power, reactive power, apparent power, resonance concept (series circuit only). Three-phase balanced circuits, voltage and current relations in star and delta connections.

UNIT -III: Magnetic Circuits & Transformers:

Magnetic circuits: Magnetic materials, Faraday's laws of Electromagnetic Induction, Lenz's Law, Fleming's Right hand Rule and Left hand Rule.

Magnetic Circuits - concept of Self Inductance & Mutual Inductance.

Transformers:

Ideal and practical single phase transformer, Open Circuit and Short Circuit tests, losses in transformer, regulation and efficiency - simple problems.

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UNIT-IV: DC Machines and Induction Motors:

DC Machines:

Construction and Principle of Operation of DC Generator & DC Motor, EMF Equation, Magnetization and Load Characteristics of DC Generator, Speed control of DC Shunt Motor, Applications & Simple problems.

Three Phase Induction Motor:

Construction and Principle of operation of three phase Induction Motor, torque slip characteristics, Applications & Simple problems.

Single Phase Induction Motor

Construction and working principle of Single phase Induction Motor, Applications.

UNIT –V: Synchronous Generator & Electrical Installation:

Synchronous Generator

Construction and Principle of operation of Synchronous Generator, Open Circuit & Short Circuit Characteristics.

Electrical Installation:

Fuse, Relay, Circuit breaker, Main Circuit Breaker and Earthing, Types of Batteries and their characteristics.

TEXT BOOKS:

1. V.K.Mehta, Rohit Mehta, "Principles of Electrical Engineering", S.Chand Publications, Revised Edition, 2010.
2. D.P.Kothari, I.J. Nagrath, "Basic Electrical Engineering", Tata McGraw Hill, 3rd edition, 2010.
3. T.K. Nagasarkar, M.S. Sukhija, "Basic Electrical Engineering", Oxford University press, 3rd Edition, 2017.

REFERENCE BOOKS:

1. D C Kulshreshtha, "Basic Electrical Engineering", Tata McGraw Hill, 1st edition, 2015.
2. M.S. Naidu, S. Kamakshiah, "Basic Electrical Engineering", Tata McGraw Hill, 3rd Edition, 2009.
3. Sudhakar, Shyam Mohan, "Network Analysis", McGraw-Hill Education, 2nd Edition, 2006.
4. L.S. Bobrow, "Fundamentals of Electrical Engineering", Oxford University Press, 2nd Edition, 2011.
5. E. Hughes, "Electrical & Electronics Technology", Pearson, 7th Edition, 2010.


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ANURAG ENGINEERING COLLEGE

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Department of Electrical and Electronics Engineering

I Year B.Tech Course

L	T	P	C
0	0	2	1

BASIC ELECTRICAL ENGINEERING LABORATORY (Common to EEE,ECE,CSE)

Course Objectives:

- To analyze a given network by applying various electrical laws and network theorems
- To analyze the concepts of resonance and magnetic circuits.
- To analyze the performance characteristics of DC and AC electrical machines

Course Outcomes:

At the end of the course, students will be able to

- Verify the various electrical laws and theorems with DC Excitation.
- Determine the losses, efficiency and regulation of single phase transformer.
- Obtain the performance of induction motors.
- Control the speed of DC shunt motor.
- Obtain the OC & SC characteristics of Synchronous generator.

List of experiments/demonstrations

Part-A

1. Verification of Ohm's law.
2. Verification of Kirchhoff's Voltage Law and Kirchhoff's Current Law.
3. Verification of Superposition Theorem.
4. Verification of Thevenin's Theorem & Norton's Theorem.
5. Series Resonance of RLC series circuit.
6. Determination of self & mutual inductances and coefficient of coupling.

Part-B



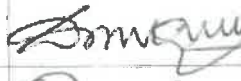





1. Load Test on Single Phase Transformer (Calculation of Efficiency and Regulation).
2. OC & SC Tests on Single phase transformer.
3. Magnetization Characteristics of DC Shunt Generator.
4. Speed Control of DC shunt motor.
5. Brake test on Three Phase Squirrel cage induction motor.
6. OCC & SCC of Synchronous Generator.

NOTE: 5 experiments from Part-A and 5 experiments from Part-B should be conducted (Total 10 Experiments)


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Minutes of 6th Board of Studies (BoS) Meeting of Department of Electrical and Electronics Engineering held on 21st February 2019

The 6th Board of Studies (BoS) meeting, Department of Electrical and Electronics Engineering, Anurag Engineering College, Ananthagiri (V&M), Suryapet (Dist), Telangana, is held on 21st February 2019 at 11:00 am at Anurag Engineering College, Ananthagiri (V&M), Kodad. The following members are attended.


S.No.	Name of the member	Position	Signature
1	Mr.S.Chandra Sekhar, Assoc. Prof. & Head of EEE, AEC	Chairman	
2	Dr.A. Jaya Lakshmi, Prof. of EEE, JNTUH CEH	JNTU Nominee	A. Jaya Lakshmi
3	Dr.P.V.N.Prasad, Prof. of EEE, OUCE	Member	
4	Dr.D.M. Vinod Kumar, Prof. of EEE, NITW	Member	 21/02/2019
5	Er.B.Srinu, Asst. Divisional Engineer, TS Genco	Member	
6	Prof. R.Somanatham, Prof.of EEE, AGOI	Member	 21.2.19.
7	Dr.B.G. Reddy, Prof. of EEE, VJIT	Member	
8	Dr.K.Raghu Ram, Prof. of EEE, LITS	Member	K. Manu
9	Dr. V. Jayaprakash Narayanan, Prof. of EEE, AEC	Member	
10	Mr.J.Srinivas Rao, Assoc.Prof. of EEE, AEC	Member	
11	Mr.T.Raghu, Assoc.Prof. of EEE, AEC	Member	
12	Mr. P. Srikanth, Alumini	Member	

Minutes of 6th Board of Studies (BoS) Meeting of Department of Electrical and Electronics Engineering held on 21st February 2019

Item No. (1): Proposal of course structure for II, III & IV B.Tech (EEE) R18 Regulation I and II Semester and Approval. The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-IA.

Table 1: EEE Course structure

II YEAR I SEMESTER				COURSE STRUCTURE						
S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA301BS	Mathematics - III	BS	3	0	0	3	25	75	100
2	ES302BS	Environmental Studies	BS	3	0	0	3	25	75	100
3	EC303ES	Electronic Devices and Circuits	ES	3	0	0	3	25	75	100
4	EE304PC	Electromagnetic Fields	PC	3	1	0	4	25	75	100
5	EE305PC	Electrical Circuit Analysis	PC	3	0	0	3	25	75	100
6	EE306PC	Control Systems	PC	3	0	0	3	25	75	100
7	EC307ES	Electronic Devices and Circuits Lab	ES	0	0	2	1	25	75	100
8	EE308PC	Electrical Circuits & Simulation Lab	PC	0	0	2	1	25	75	100
9	HS309MC	Gender Sensitization	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508207

II YEAR II SEMESTER


COURSE STRUCTURE

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA401BS	Mathematics-IV	BS	3	0	0	3	25	75	100
2	EC402PC	Electronic Circuits	PC	3	0	0	3	25	75	100
3	EE403PC	Power Electronics	PC	3	0	0	3	25	75	100
4	EE404PC	Electrical Machines-I	PC	3	0	0	3	25	75	100
5	EE405PC	Power Systems-I	PC	3	0	0	3	25	75	100
6	EE406PC	Switching Theory and Logic Design	PC	3	0	0	3	25	75	100
7	EE407PC	Control Systems & Simulation Lab	PC	0	0	2	1	25	75	100
8	EE408PC	DC Machines Lab	PC	0	0	2	1	25	75	100
9	HS409MC	Human Values And Professional Ethics	MC	0	0	2	0	25	75	100
Total				18	0	6	20	225	675	900

III YEAR I SEMESTER

COURSE STRUCTURE

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1		Managerial Economics and Financial Analysis	HS	3	0	0	3	25	75	100
2		Power Systems-II	PC	3	1	0	4	25	75	100
3		Electrical Machines-II	PC	3	0	0	3	25	75	100
4		Electrical Measurements	PC	3	0	0	3	25	75	100
5		Linear and Digital IC Applications	ES	3	0	0	3	25	75	100
6		PROFESSIONAL ELECTIVE - I	PE	3	0	0	3	25	75	100
7		Power Electronics & Simulation Lab	PC	0	0	2	1	25	75	100
8		AC Machines Lab	PC	0	0	2	1	25	75	100
9		Constitution Of India	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900


 Principal
 Anurag Engineering College
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 Suryapet (Dt.), Telangana-508206

III YEAR II SEMESTER


COURSE STRUCTURE

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1		Management Science	HS	3	0	0	3	25	75	100
2		Switchgear and Protection	PC	3	1	0	4	25	75	100
3		Micro Processors and Micro Controllers	ES	3	0	0	3	25	75	100
4		Computer Methods in Power Systems	PC	3	0	0	3	25	75	100
5		PROFESSIONAL ELECTIVE - II	PE	3	0	0	3	25	75	100
6		OPEN ELECTIVE - I	OE	3	0	0	3	25	75	100
7		Advanced English Communication Skills Lab	PC	0	0	2	1	25	75	100
8		Micro Processors and Micro Controllers Lab	PC	0	0	2	1	25	75	100
9		Constitution Of India	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

IV YEAR I SEMESTER

COURSE STRUCTURE

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1		Power Semiconductor Drives	PC	3	0	0	3	25	75	100
2		Power System Operation and Control	PC	3	0	0	3	25	75	100
3		PROFESSIONAL ELECTIVE - III	PE	3	0	0	3	25	75	100
4		PROFESSIONAL ELECTIVE - IV	PE	3	0	0	3	25	75	100
5		OPEN ELECTIVE - II	OE	3	0	0	3	25	75	100
6		Electrical Measurements Lab	PC	0	0	2	1	25	75	100
7		MINIPROJECT EVALUATION	PW	0	0	4	2	25	75	100
8		PROJECT STAGE-I	PW	0	0	8	4	100	0	100
Total				15	0	14	22	275	525	800


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IV YEAR II SEMESTER

COURSE STRUCTURE

S. No.	Course Code	Course Title	Cat	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1		PROFESSIONAL ELECTIVE - V	PE	3	0	0	3	25	75	100
2		PROFESSIONAL ELECTIVE - VI	PE	3	0	0	3	25	75	100
3		OPEN ELECTIVE - III	OE	3	0	0	3	25	75	100
4		SEMINAR	PW	0	0	4	2	100	0	100
5		PROJECT STAGE-II	PW	0	0	12	6	25	75	100
Total				9	0	16	17	200	300	500

T – Tutorial

P – Practical

D – Drawing

L- Lectures

C- Credits

List of Professional Electives

S No	Professional Electives	Subjects
1	Professional Elective -I	Renewable Energy Sources
		Computer Organization
		Signals & Systems
2	Professional Elective -II	Special Electrical Machines
		Advanced Power Electronics
		Electrical Distribution Systems
3	Professional Elective -III	Instrumentation
		High Voltage Engineering
		Optimization Techniques
4	Professional Elective -IV	Advanced Control Systems
		Neural Networks and Fuzzy Logic
		Linear system Analysis
5	Professional Elective -V	HVDC Transmission & FACTS
		Smart Grid
		Power Quality
6	Professional Elective -VI	EHV AC Transmission
		Power System Reliability
		Digital Signal Processing

Principal

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Duryapet (Dt.), Telangana-508206

List of Open Electives

S No	Open Elective	Subjects
1	Open Elective -I	Solar photovoltaic systems
		Electrical power generation systems
2	Open Elective -II	Maintenance of electrical systems
		Renewable energy sources
3	Open Elective -II	Electrical Engineering materials
		Introduction to fuzzy logic

The Members elaborately discussed about the existing II, III & IV B.Tech (EEE) course structure of affiliating university, JNTUH, with the proposed course structure.


Resolution (1): The members after critical discussion approved the course structure for II, III & IV B.Tech (EEE) R18 Regulation I and II Semester.

Noted and Approved.

Item No. (2): Proposal of Syllabus for II B.Tech (EEE) R18 Regulation I and II Semester and Approval. The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-IB.

Table II: EEE Core Subjects

S.No.	Classification	Name of the Course	Year / Semester	Programme
1	PC	Electromagnetic Fields	II / I	B.Tech
2	PC	Electrical Circuit Analysis	II / I	B.Tech
3	PC	Control Systems	II / I	B.Tech
4	PC	Electrical Circuits & Simulation Lab	II / I	B.Tech
5	PC	Power Electronics	II / II	B.Tech
6	PC	Electrical Machines-I	II / II	B.Tech
7	PC	Power Systems-I	II / II	B.Tech
8	PC	Switching Theory and Logic Design	II / II	B.Tech
9	PC	Control Systems & Simulation Lab	II / II	B.Tech
10	PC	DC Machines Lab	II / II	B.Tech


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Suryapet (Dt.), Telangana-508206

Resolution (1): The members after critical discussion approved the syllabus to be taught for II B.Tech (EEE) R18 Regulation I and II Semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the II B.Tech (EEE) R18 Regulation I and II Semester.

Resolution (3): The members approved to adapt R18 course structure and syllabus for 2019-20 admitted students.

Noted and Approved.

Item No. (2): **Proposal of Syllabus for Service Course of II B.Tech (ME & CE) R18 Regulation I and II Semester and Approval.** The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-II.

Table III: Service Course

S.No.	Name of the Course	Year / Semester	Programme
1	Basic Electrical and Electronics Engineering	II / I	B.Tech (ME)
2	Basic Electrical and Electronics Engineering	II / II	B.Tech (CE)

The Members elaborately discussed the syllabus.


Resolution (1): The members after critical discussion approved the syllabus to be taught for service courses of II B.Tech (ME & CE) R18 Regulation.

Noted and Approved.

Item No. (3): **Adaption of Course Structure and Syllabus for I and II Year M.Tech (PE&ED) and Approval.** The Chairman of Board of Studies (BoS) proposed to adapt R15 Regulation course structure and syllabus for I and II Year M.Tech (PE&ED) for 2019-20 admitted students.

Resolution (1): The members approved the R15 course structure and syllabus to be taught for I and II Year M.Tech (PE&ED) for 2019-20 admitted students.

Noted and Approved.


Chairman
Board of Studies
Department of EEE


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508201

Annexure-IA

II YEAR I SEMESTER

COURSE STRUCTURE

S. No.	Course Code	Course Name	Category	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA301BS	Mathematics - III	BS	3	0	0	3	25	75	100
2	EE302PC	Power Systems-I	PC	3	0	0	3	25	75	100
3	EC303ES	Electronic Devices and Circuits	ES	3	0	0	3	25	75	100
4	EE304PC	Electromagnetic Fields	PC	3	1	0	4	25	75	100
5	EE305PC	Electrical Circuit Analysis	PC	3	0	0	3	25	75	100
6	EE306PC	Control Systems	PC	3	0	0	3	25	75	100
7	EC307ES	Electronic Devices and Circuits Lab	ES	0	0	2	1	25	75	100
8	EE308PC	Electrical Circuits & Simulation Lab	PC	0	0	2	1	25	75	100
9	ES309MC	Environmental studies	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

II YEAR II SEMESTER

COURSE STRUCTURE

S. No.	Course Code	Course Name	Category	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MA401BS	Mathematics-IV	BS	3	0	0	3	25	75	100
2	EC402ES	Analog Electronic Circuits	ES	3	0	0	3	25	75	100
3	EE403PC	Power Electronics	PC	3	0	0	3	25	75	100
4	EE404PC	Electrical Machines-I	PC	3	0	0	3	25	75	100
5	EE405PC	Power Systems-II	PC	3	0	0	3	25	75	100
6	EE406PC	Switching Theory and Logic Design	PC	3	0	0	3	25	75	100
7	EE407PC	Control Systems & Simulation Lab	PC	0	0	2	1	25	75	100
8	EE408PC	DC Machines Lab	PC	0	0	2	1	25	75	100
9	HS409MC	Human Values and Professional Ethics	MC	0	0	2	0	25	75	100
Total				18	0	6	20	225	675	900


 Principal
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III YEAR I SEMESTER
COURSE STRUCTURE

S. No.	Course Code	Course Name	Category	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	AE501HS	Managerial Economics and Financial Analysis	HS	3	0	0	3	25	75	100
2	EE502PC	Switchgear and Protection	PC	3	0	0	3	25	75	100
3	EC503PC	Linear and Digital IC Applications	PC	3	0	0	3	25	75	100
4	EE504PC	Electrical Machines-II	PC	3	1	0	4	25	75	100
5	EE505PC	Electrical Measurements	PC	3	0	0	3	25	75	100
6		PROFESSIONAL ELECTIVE - I	PE	3	0	0	3	25	75	100
7	EE506PC	Power Electronics & Simulation Lab	PC	0	0	2	1	25	75	100
8	EE507PC	AC Machines Lab	PC	0	0	2	1	25	75	100
9	HS508MC	Constitution of India	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

III YEAR II SEMESTER
COURSE STRUCTURE

S. No.	Course Code	Course Name	Category	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	MS601HS	Management Science	HS	3	0	0	3	25	75	100
2	EE602PC	Power Semiconductor Drives	PC	3	1	0	4	25	75	100
3	EE603PC	Microprocessors and Microcontrollers	PC	3	0	0	3	25	75	100
4	EE604PC	Power System Analysis	PC	3	0	0	3	25	75	100
5		PROFESSIONAL ELECTIVE - II	PE	3	0	0	3	25	75	100
6		OPEN ELECTIVE - I	OE	3	0	0	3	25	75	100
7	EN605HS	Advanced English Communication Skills Lab	HS	0	0	2	1	25	75	100
8	EE606PC	Electrical Measurements Lab	PC	0	0	2	1	25	75	100
9	GS607MC	Gender Sensitization	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900


 Principal
 Anurag Engineering College
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 Suryapet (Dt.), Telangana-508201

IV YEAR I SEMESTER

COURSE STRUCTURE

S. No.	Course Code	Course Name	Category	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1	EE701PC	HVDC Transmission	PC	3	0	0	3	25	75	100
2	EE702PC	Power System Operation and Control	PC	3	0	0	3	25	75	100
3		PROFESSIONAL ELECTIVE - III	PE	3	0	0	3	25	75	100
4		PROFESSIONAL ELECTIVE - IV	PE	3	0	0	3	25	75	100
5		OPEN ELECTIVE - II	OE	3	0	0	3	25	75	100
6	EE703PC	Microprocessors and Microcontrollers Lab	PC	0	0	2	1	25	75	100
7	EE704PW	MINIPROJECT EVALUATION	PW	0	0	4	2	25	75	100
8	EE705PW	PROJECT STAGE-I	PW	0	0	8	4	100	0	100
Total				15	0	14	22	275	525	800

IV YEAR II SEMESTER

COURSE STRUCTURE

S. No.	Course Code	Course Name	Category	L	T	P	Credits	Internal Marks	External Marks	Total Marks
1		PROFESSIONAL ELECTIVE - V	PE	3	0	0	3	25	75	100
2		PROFESSIONAL ELECTIVE - VI	PE	3	0	0	3	25	75	100
3		OPEN ELECTIVE - III	OE	3	0	0	3	25	75	100
4	EE801PW	SEMINAR	PW	0	0	4	2	100	0	100
5	EE802PW	PROJECT STAGE-II	PW	0	0	12	6	25	75	100
Total				9	0	16	17	200	300	500

T - Tutorial

P - Practical

D - Drawing

L- Lectures

C- Credits


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List of Professional Electives

S No	Professional Electives	Course Code	Course Name
1	Professional Elective -I	EE511PE	Renewable Energy Sources
		EE512PE	Computer Organization
		EE513PE	Optimization Techniques
2	Professional Elective -II	EE621PE	Special Electrical Machines
		EE622PE	Signals and Systems
		EE623PE	Electrical Distribution Systems
3	Professional Elective -III	EE731PE	Instrumentation
		EE732PE	High Voltage Engineering
		EE733PE	Advanced Power Electronics
4	Professional Elective -IV	EE741PE	Advanced Control Systems
		EE742PE	Neural Networks and Fuzzy Logic
		EE743PE	Linear system Analysis
5	Professional Elective -V	EE851PE	Flexible AC Transmission Systems
		EE852PE	Smart Electric Grid
		EE853PE	Power Quality
6	Professional Elective -VI	EE861PE	EHV AC Transmission
		EE862PE	Power System Reliability
		EE863PE	Digital Signal Processing


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List of Open Electives

OPEN ELECTIVE- I			
S.No	Course code	Course Name	Offering Department
1	CE611OE	Construction Materials	Civil Engineering
2	CE612OE	Waste Management	
3	EE611OE	Solar Photovoltaic Systems	Electrical & Electronics Engineering
4	EE612OE	Electrical power generation systems	
5	ME611OE	Advanced Engineering Materials	Mechanical Engineering
6	ME612OE	Introduction to Automobile Engineering	
7	EC611OE	Principles of Communications	Electronics & Communication Engineering
8	EC612OE	Basic electronic circuits simulation & design	
9	CS611OE	Software Engineering	Computer Science & Engineering
10	CS612OE	Database Management systems	

OPEN ELECTIVE- II			
S.No.	Course code	Course Name	Offering Department
1	CE721OE	Disaster Management	Civil Engineering
2	CE722OE	Remote Sensing and Geographic Information System	
3	EE721OE	Maintenance of electrical systems	Electrical & Electronics Engineering
4	EE722OE	Renewable energy sources	
5	ME721OE	Fundamentals of Refrigeration & Air Conditioning	Mechanical Engineering
6	ME722OE	Industrial Robotics	
7	EC721OE	Principles of Signal Processing	Electronics & Communication Engineering
8	EC722OE	Nano Materials and Technology	
9	CS721OE	Object Oriented Analysis and Design	Computer Science & Engineering
10	CS722OE	Cyber forensics	

OPEN ELECTIVE- III			
S.No	Course code	Course Name	Offering Department
1	CE831OE	Project Management	Civil Engineering
2	CE832OE	Safety Engineering	
3	EE831OE	Electrical Engineering materials	Electrical & Electronics Engineering
4	EE832OE	Fuzzy Logic and its Applications	
5	ME831OE	Power Plant Engineering	Mechanical Engineering
6	ME832OE	Nano Technology	
7	EC831OE	Fundamentals of Embedded system	Electronics & Communication Engineering
8	EC832OE	Biometric Systems	
9	CS831OE	Software Project Management	Computer Science & Engineering
10	CS832OE	Human Compute Interaction	


Chairman

Board of Studies
Department of EEE



Minutes of 7th Board of Studies (BoS) Meeting of Department of Electrical and Electronics Engineering held on 8th November 2019

The 7th Board of Studies (BoS) meeting, Department of Electrical and Electronics Engineering, Anurag Engineering College, Ananthagiri (V&M), Suryapet (Dist), Telangana, is held on 8th November 2019 at 11:00 am at Anurag Engineering College, Ananthagiri (V&M), Kodad. The following members are attended.

S.No.	Name of the member	Position	Signature
1	Mr.S.Chandra Sekhar, Assoc. Prof. & Head of EEE, AEC	Chairman	
2	Dr.G.N.Sreenivas, Prof. of EEE & Vice-Principal, JNTUH CEH	JNTUH Nominee	 8/11/19
3	Dr.D.M. Vinod Kumar, Prof. of EEE, NITW	Member	 ostudy
4	Dr.P.V.N.Prasad, Prof. of EEE, OUCE	Member	
5	Er.B.Srinu, Asst. Divisional Engineer, TS Genco	Member	
6	Prof. R.Somanatham, Prof.of EEE, AGOI	Member	
7	Dr.B.G. Reddy, Prof. of EEE, VJIT	Member	
8	Dr.K.Vinaya Sagar, Prof. of EEE, AEC	Member	
9	Mr.J.Srinivas Rao, Assoc.Prof. of EEE, AEC	Member	
10	Mr.T.Raghu, Assoc.Prof. of EEE, AEC	Member	
11	Mr.V.Achi Reddy, Asst. Prof. of EEE, AEC	Member	
12	Mr. P. Srikanth, Alumini	Member	

Minutes of 7th Board of Studies (BoS) Meeting of Department of Electrical and Electronics Engineering held on 8th November 2019

Item No. (1): Proposal of Syllabus for III B.Tech (EEE) & IV B.Tech (EEE) R18 Regulation I and II Semester and Approval. The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-I.

Table II: EEE Core Subjects

S.No.	Classification	Name of the Course	Year / Semester	Programme
1	PC	Switchgear and Protection	III / I	B.Tech
2	PC	Electrical Machines-II	III / I	B.Tech
3	PC	Electrical Measurements	III / I	B.Tech
4	PE	Renewable Energy Sources	III / I	B.Tech
5	PE	Optimization Techniques	III / I	B.Tech
6	PC	Power Electronics & Simulation Lab	III / I	B.Tech
7	PC	AC Machines Lab	III / I	B.Tech
8	PC	Power Semiconductor Drives	III / II	B.Tech
9	PC	Power System Analysis	III / II	B.Tech
10	PE	Special Electrical Machines	III / II	B.Tech
11	PE	Electrical Distribution Systems	III / II	B.Tech
12	OE	Solar Photovoltaic Systems	III / II	B.Tech
13	OE	Electrical power generation systems	III / II	B.Tech
14	PC	Electrical Measurements Lab	III / II	B.Tech
15	PC	HVDC Transmission	IV / I	B.Tech
16	PC	Power System Operation and Control	IV / I	B.Tech
17	PE	Instrumentation	IV / I	B.Tech
18	PE	High Voltage Engineering	IV / I	B.Tech
19	PE	Advanced Power Electronics	IV / I	B.Tech


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20	PE	Advanced Control Systems	IV / I	B.Tech
21	PE	Neural Networks and Fuzzy Logic	IV / I	B.Tech
22	PE	Linear system Analysis	IV / I	B.Tech
23	OE	Maintenance of electrical systems	IV / I	B.Tech
24	OE	Renewable energy sources	IV / I	B.Tech
25	PE	Flexible AC Transmission Systems	IV / II	B.Tech
26	PE	Smart Electric Grid	IV / II	B.Tech
27	PE	Power Quality	IV / II	B.Tech
28	PE	EHV AC Transmission	IV / II	B.Tech
29	PE	Power System Reliability	IV / II	B.Tech
30	OE	Electrical Engineering materials	IV / II	B.Tech
31	OE	Fuzzy logic and its Applications	IV / II	B.Tech

Resolution (1): The members after detailed discussion approved the syllabus to be taught for III B.Tech (EEE) & IV B.Tech (EEE) R18 Regulation I and II Semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the III B.Tech (EEE) & IV B.Tech (EEE) R18 Regulation I and II Semester.

Resolution (3): The members approved to adapt R18 course structure and syllabus for 2020-21 admitted students.

Noted and Approved.

Item No. (2): Proposal of Substitute Courses for R15 Regulation to R18 Regulation and Approval. The Chairman of Board of Studies (BoS) presented the Substitute courses for R15 Regulation to R18 Regulation in the Annexure-II for discussion and approval.


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Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

S.No.	Year / Sem	Courses Studied in R15 and repeated in R18	Substitute Courses
1	II / I	Mathematics-III	Basic Electrical Engineering
2	III / I	Managerial Economics and Financial Analysis	Power Electronics
3	III / I	Electrical Machines-II	Power System - II
4	III / II	Gender Sensitization	Intellectual Property Rights

The Members elaborately discussed the substitute courses to be approved.

Resolution (1): The members after detailed discussion approved the substitute courses for R15 Regulation to R18 Regulation.

Noted and Approved.



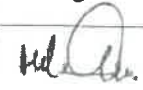



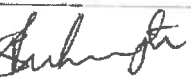


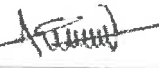
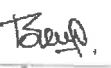


**Chairman
Board of Studies
Department of EEE**



**Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508207**

Minutes of 1st Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 27th August 2014

The 1st Board of Studies(BoS) meeting, Dept. of Mechanical Engineering, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 27th August 2014 at 14:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Mr. Md.Sikindar Baba	Chairman	
2	Prof. J.Suresh Kumar	JNTU Nominee	
3	Prof. S. Venkatesh	Member	
4	Dr. A. Purushotham	Member	
5	Mr. K. S. Aravind Kumar	Member	
6	Mr. K. Srinivasa Chalapathi	Member	
7	Mr. K. Veeranjanyulu	Member	
8	Mr. B. Shankar	Member	
9	Mr. Ch. Ashok	Member	
10	Mr. B. Biksham	Member	
11	Mr. Y. Rajesh Khanna	Member	
12	Mr. P. N. Sarveshwar Rao	Member	


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Minutes of 1st Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 27th August 2014

Item No. (1): Proposal of Course Structure and Syllabus for I B.Tech (ME) I and II Semester and I M.Tech (CAD/CAM, Machine Design) I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-I.

Table 1:


S.No.	Name of the Course	Year / Semester	Programme
1	Engineering Graphics	I / I or I / II	B.Tech
2	Engineering Graphics-I	I / I	B.Tech
3	Engineering Graphics-II	I / II	B.Tech
4	Engineering Mechanics-I	I / I	B.Tech
5	Engineering Mechanics-II	I / II	B.Tech

The Chairman also presented the course structure for I M.Tech (CAD/CAM, Machine Design)- I and II semester along with syllabus of respective courses (Annexure-II). The Members elaborately discussed existing I B.Tech (ME) course structure of affiliating university, JNTUH, with the proposed course structure. The Chairman informed the members that the affiliating university, JNTUH, course structure and syllabus will be followed for M.Tech Programmes.

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Engineering Workshop	I / I or I / II	B.Tech
2	Engineering Workshop-I	I / I	B.Tech
3	Engineering Workshop-II	I / II	B.Tech

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for I B.Tech (ME) I and II Semester and also approved the course structure and Syllabus for I M.Tech (CAD/CAM, MD) I and II Semester


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Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-III) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

Item No.3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of I B.Tech- I & II semesters and I M.Tech- I & II semesters for the A.Y.2014-15.


Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

Board of Studies
Department of ME



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Annexure - III

UG		Internal		End Semester	Total
Theory	Mid Term I (25 Marks) Duration 90 Minutes	Mid Term II (25 marks) Duration 90 Minutes			
	Assignment (5 Marks) To be submitted before the start date of Mid Term - I Examinations.	Assignment (5 Marks) To be submitted before the start date of Mid Term - II Examinations		75 Marks	100 Marks
	7 th Week of Instruction	14 th Week of Instruction	15 th Week of Instruction	Duration: 180 Minutes	
	Unit-I, Unit-II and 50% of Unit-III			Remaining 50 % of Unit-III, Unit-IV and Unit-V	
Average of Mid-I and Mid-II shall be considered					
Lab	Mid Term I (25 Marks) Duration 150 Minutes	Mid Term II (25 marks) Duration 150 Minutes			
	Day to Day Evaluation (15 Marks)	Day to Day Evaluation (15 Marks)		50 Marks	75
	Practical Test (10 Marks)	Practical Test (10 Marks)		Duration: 180 Minutes	
	7 th Week	14 th Week			
First 50% of Experiments					
Average of Mid-I and Mid-II shall be considered					

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Annexure - III

UG End Semester Question Paper Pattern

Theory	Mid Term1	Assignment	Unit-I, Unit-II and 50% of Unit-III	Unit-1 & 2: 2 Questions each Unit - 3: 1 Question from 50% of Unit-3
		Subjective Test		Part - A : 5 Marks (All) Part - B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
	Mid Term2	Assignment	Remaining 50 percent of Unit-III, Unit-IV and Unit-V	Unit-3: 1 Question remaining 50% of Unit-3 Unit - 4 & 5: 2 Questions Each
		Subjective Test		Part - A : 5 Marks (All) Part - B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
End Semester			5 Units	Part-A : 25 Marks (All questions to Answer) Part-B : 50 Marks (5 questions with Internal Choice from each Unit and each carries 10 Marks)

PG End Semester Examination Question Paper Pattern

Theory	Mid Term1	Assignment	Unit-I, Unit-II and 50% of Unit-III	Unit-1 & 2: 2 Questions each Unit - 3: 1 Question from 50% of Unit-3
		Subjective Test		Part - A : 12 Marks - Six Questions, two questions from each unit (Answer All) Part - B: 18 Marks (3 out 5) - Each question carries 6 marks.
	Mid Term2	Assignment	Remaining 50 percent of Unit-III, Unit-IV and Unit-V	Unit-3: 1 Question remaining 50% of Unit-3 Unit - 4 & 5: 2 Questions Each
		Subjective Test		Part - A : 12 Marks - Six Questions, two questions from each unit (Answer All) Part - B: 18 Marks (Answer 3 out of 5) - Each question carries 6 marks.
End Semester			5 Units	Part-A : 20 Marks - 10 Questions (Two from each Unit) Part-B: 40 Marks (5 questions with Internal Choice one question from each Unit and each question carries 8 Marks)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.TECH - CAD / CAM

COURSE STRUCTURE AND SYLLABUS

I Year I Semester

Code	Group	Subject	L	P	Credits
		Advanced CAD	3	-	3
		Advanced Finite Element Analysis	3	-	3
		Precision Engineering	3	-	3
		Design for Manufacturing and Assembly	3	-	3
	Elective-I	Numerical Methods for Partial Differential Equations Advanced Mechanics of Solids Advanced Mechatronics	3	-	3
	Elective-II	Advanced Mechanics of Composite Materials Total Quality Management Stress Analysis and Vibrations	3	-	3
		Computer Aided Design Lab	-	3	2
		Seminar	-	-	2
		Total Credits	18	3	22

I Year II Semester

Code	Group	Subject	L	P	Credits
		Design of Hydraulics and Pneumatics Systems	3	-	3
		Flexible Manufacturing Systems	3	-	3
		Computer Aided Manufacturing	3	-	3
		Industrial Robotics	3	-	3
	Elective -III	Production and Operations Management Computational Fluid Dynamics Automation in Manufacturing	3	-	3
	Elective -IV	Design Optimization Intelligent Manufacturing Systems Computer Aided Process Planning	3	-	3
	Lab	Computer Aided Machining and Robotics Lab	-	3	2
		Seminar	-	-	2
		Total Credits	18	3	22

II Year - I Semester

Code	Group	Subject	L	P	Credits
		Comprehensive Viva	-	-	2
		Project Seminar	-	3	2
		Project work	-	-	18
		Total Credits	-	3	22

II Year - II Semester

Code	Group	Subject	L	P	Credits
		Project work and Seminar	-	-	22
		Total Credits	-	-	22

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.TECH - MACHINE DESIGN

COURSE STRUCTURE AND SYLLABUS

I Year I Semester

Code	Group	Subject	L	P	Credits
		Advanced Mechanical Engineering Design	3	-	3
		Advanced Mechanics of Solids	3	-	3
		Fatigue, Creep & Fracture Mechanics	3	-	3
		Computational Methods in Engineering	3	-	3
	Elective -I	Advanced Finite Element Analysis Applied Tribology Gear Engineering Theory of Elasticity & Plasticity	3	-	3
	Elective -II	Advanced Mechanics of Composite Materials Data Base Management System Advanced Computer Aided Design Concurrent Engineering	3	-	3
	Lab	Kinematics and Dynamics Lab	-	3	2
		Seminar	-	-	2
		Total Credits	18	3	22

I Year II Semester

Code	Group	Subject	L	P	Credits
		Advanced Mechanics of Machinery	3	-	3
		Mechanical Vibrations	3	-	3
		Advanced Optimization Techniques and Applications	3	-	3
		Experimental Stress Analysis	3	-	3
	Elective -III	Pressure Vessel Design Design Synthesis Non Linear Vibrations Industrial Robotics	3	-	3
	Elective -IV	Signal Analysis and Condition Monitoring Mechatronics Computational Fluid Dynamics Theory of Plates and Shells	3	-	3
	Lab	Computer Aided Testing, Analysis and Modeling Lab	-	3	2
		Seminar	-	-	2
		Total Credits	18	3	22

II Year - I Semester

Code	Group	Subject	L	P	Credits
		Comprehensive Viva	-	-	2
		Project Seminar	-	3	2
		Project work	-	-	18
		Total Credits	-	3	22

II Year - II Semester

Code	Group	Subject	L	P	Credits
		Project work and Seminar	-	-	22
		Total Credits	-	-	22

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.

B. TECH. MECHANICAL ENGINEERING

I YEAR

Code	Subject	L	T/P/D	C
A10001	English	2	-	4
A10002	Mathematics – I	3	1	6
A10302	Engineering Mechanics	3	-	6
A10004	Engineering Physics	3	-	6
A10005	Engineering Chemistry	3	-	6
A10501	Computer Programming	3	-	6
A10301	Engineering Drawing	2	3	6
A10581	Computer Programming Lab.	-	3	4
A10081	Engineering Physics & Engineering Chemistry Lab.	-	3	4
A10083	English Language Communication Skills Lab.	-	3	4
A10082	IT Workshop / Engineering Workshop	-	3	4
	Total	19	16	56

II YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A30009	Environmental Studies	4	-	4
A30008	Probability and Statistics	4	-	4
A30203	Electrical and Electronics Engineering	4	-	4
A30104	Mechanics of Solids	4	-	4
A30306	Thermodynamics	4	-	4
A31803	Metallurgy and Materials Science	4	-	4
A30281	Electrical and Electronics Engineering Lab	-	3	2
A30085	Metallurgy & Mechanics of Solids Lab	-	3	2
	Total	24	6	28



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II YEAR II SEMESTER


Code	Subject	L	T/P/D	C
A40312	Production Technology	4	-	4
A40309	Kinematics of Machinery	4	-	4
A40313	Thermal Engineering -I	4	-	4
A40112	Mechanics of Fluids and Hydraulic Machines	4	-	4
A40310	Machine Drawing	-	6	4
A40006	Mathematics-II	4	-	4
A40382	Production Technology Lab	-	3	2
A40188	Mechanics of Fluids & Hydraulic Machines Lab	-	3	2
	Total	20	12	28

III YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A50010	Managerial Economics and Financial Analysis	4	-	4
A50318	Engineering Metrology	4	-	4
A50317	Dynamics of Machinery	4	-	4
A50321	Machine Tools	4	-	4
A50316	Design of Machine Members – I	4	-	4
A50326	Thermal Engineering -II	4	-	4
A50384	Machine Tools & Metrology Lab	-	3	2
A50383	Thermal Engineering Lab	-	3	2
	Total	24	6	28

III YEAR II SEMESTER

Code	Subject	L	T/P/D	C
A62405	Automobile Engineering	4	-	4
A60330	Finite Element Methods	4	-	4
A60334	Refrigeration and Air Conditioning	4	-	4
A60329	Design of Machine Members – II	4	-	4
A60331	Heat Transfer	4	-	4
	Open Elective	4	-	4
A60117	Disaster Management			
A60017	Intellectual Property Rights			
A60018	Human Values and Professional Ethics			
A60387	Heat Transfer Lab	-	3	2
A60086	Advanced Communication Skills Lab	-	3	2
	Total	24	6	28


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IV YEAR I SEMESTER


Code	Subject	L	T/P/D	C
A70352	Operations Research	4	-	4
A70353	Power Plant Engineering	4	-	4
A70328	CAD/CAM	4	-	4
A70343	Instrumentation and Control Systems	4	-	4
	ELECTIVE – I	4	-	4
A70355	Robotics			
A70346	Mechanical Vibrations			
A70348	Mechatronics			
A70347	Mechanics of Composite Materials			
A70332	Industrial Management			
	ELECTIVE – II	4	-	4
A70359	Unconventional Machining Processes			
A70337	CNC Technology			
A70336	Automation in Manufacturing			
A70339	Design for Manufacturing			
A72909	Nanotechnology			
A70390	Computer Aided Design & Manufacturing Lab	-	3	2
A70391	Production Drawing Practice and Instrumentation Lab	-	3	2
	Total	24	6	28

IV YEAR II SEMESTER

Code	Subject	L	T/P/D	C
A80366	Production Planning and Control	4	-	4
	ELECTIVE – III	4	-	4
A80527	Artificial Neural Networks			
A80367	Total Quality Management			
A80363	Maintenance and Safety Engineering			
A80365	Plant Layout & Material Handling			
	ELECTIVE – IV	4	-	4
A80324	Renewable Energy Sources			
A80362	Jet Propulsion & Rocket Engineering			
A80338	Computational Fluid Dynamics			
A80361	Gas Dynamics			
A80087	Industry Oriented Mini Project	-	-	2
A80089	Seminar	-	6	2
A80088	Project Work	-	15	10
A80090	Comprehensive Viva	-	-	2
	Total	12	21	28

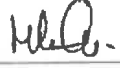

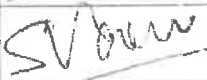



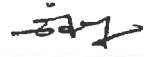
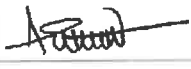


Note: All End Examinations (Theory and Practical) are of three hours duration.


T-Tutorial L – Theory P – Practical D-Drawing C – Credits


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Minutes of 2nd Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 08th June 2015

The 2nd Board of Studies(BoS) meeting, Dept. of Mechanical Engineering, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 08th June 2015 at 11:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Mr. Md.Sikindar Baba AEC,Kodad	Chairman	
2	Prof. J.Suresh Kumar JNTU-Hyderabad	JNTU Nominee	
3	Prof. S. Venkatesh Osmania University, Hyderabad	Member	
4	Dr. A. Purushotham SNIST, Hyderabad	Member	
5	Mr. K. S. Aravind Kumar Manager, L & T(Retd), Mumbai	Member	
6	Mr. K. Srinivasa Chalapathi CVSR,Hyderabad	Member	
7	Mr. K. Veeranjanyulu AEC,Kodad	Member	
8	Mr. B. Shankar AEC,Kodad	Member	
9	Mr. Ch. Ashok AEC,Kodad	Member	
10	Mr. B. Biksham AEC,Kodad	Member	
11	Mr. Y. Rajesh Khanna AEC,Kodad	Member	
12	Mr. P. N. Sarveshwar Rao PG,Alumni	Member	


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 2nd Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 08th June 2015

Item No. (1): Proposal of Course Structure and Syllabus for II B.Tech (ME) I and II Semester and Approval: The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-I.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Mechanics of Solids	II / I	B.Tech
2	Thermodynamics	II / I	B.Tech
3	Metallurgy and Material Science	II / I	B.Tech
4	Fluids Mechanics and Hydraulic Machines	II / I	B.Tech (EEE)
5	Production Technology	II / II	B.Tech
6	Kinematics of Machinery	II / II	B.Tech
7	Thermal Engineering – I	II / II	B.Tech
8	Mechanics of Fluids and Hydraulic Machines	II / II	B.Tech
9	Machine Drawing	II / II	B.Tech

The Members elaborately discussed existing II B.Tech (ME) course structure of affiliating university, JNTUH, with the proposed course structure.

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Metallurgy and Mechanics of Solids Lab	II / I	B.Tech
2	Fluids Mechanics and Hydraulic Machines	II / I	B.Tech (EEE)
3	Production Technology Lab	II / II	B.Tech
4	Mechanics of Fluids and Hydraulic Machines Lab	II / II	B.Tech

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Anurag Engineering College
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Suryapet (Dt.), Telangana-50826

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for II B.Tech (ME) I and II Semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the II B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Noted and Approved.

Item No.2: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (3): The board has empowered Chairman to finalise panel of examiners for conduct examinations of II B.Tech- I & II semesters and I M.Tech- I & II semesters for the A.Y.2015-16.

Resolution (4): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

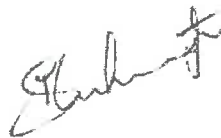
Noted and Approved.


Chairman

Board of Studies
Department of ME










Principal

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Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Annexure-I:

Course Structure for II B. Tech ME I and II Semester of R-14 Regulations.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1.	Mechanics of Solids	II/I	B.Tech
2.	Thermodynamics	II/I	B.Tech
3.	Metallurgy & Material Science	II/I	B.Tech
4.	Environmental Studies	II/I	B.Tech
5.	Mathematics-III	II/I	B.Tech
6.	Electrical and Electronics Engineering	II/I	B.Tech
7.	Electrical and Electronics Engineering Lab	II/I	B.Tech
8.	Metallurgy and Mechanics of Solids Lab	II/I	B.Tech
9.	Production Technology	II/II	B.Tech
10.	Kinematics of machinery	II/II	B.Tech
11.	Thermal Engineering-I	II/II	B.Tech
12.	Mechanics of Fluids and Hydraulic Machines	II/II	B.Tech
13.	Machine Drawing	II/II	B.Tech
14.	Probability & Statistics	II/II	B.Tech
15.	Production Technology Lab	II/II	B.Tech
16.	Mechanics of Fluids and Hydraulic Machines Lab	II/II	B.Tech
17.	Gender Sensitization	II/II	B.Tech



Chairman

Board of Studies

Department of ME



Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



Minutes of 3rd Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 21st May 2016

The 3rd Board of Studies (BoS) meeting, Dept. of Mechanical Engineering, Anurag Engineering College, Ananthagiri (V), Kodad (M), Nalgonda (Dist), Telangana, is held on 21st May 2016 at 10:00 hrs at Anurag Engineering College, Kodad. The following members are attended.

S.No.	Name of the member	Position	Signature
1	Mr. Md.Sikindar Baba	Chairman	
2	Prof. J.Suresh Kumar	JNTU Nominee	
3	Prof. S. Venkatesh	Member	
4	Dr. A. Purushotham	Member	
5	Mr. K. S. Aravind Kumar	Member	
6	Mr. K. Srinivasa Chalapathi	Member	
7	Mr. K. Veeranjanyulu	Member	
8	Mr. E. Sadanandam	Member	
9	Mr. Ch. Ashok	Member	
10	Mr. B. Biksham	Member	
11	Mr. Y. Rajesh Khanna	Member	
12	Mr.L.Ramesh	Member	
13	Mr. P. N. Sarveshwar Rao	Member	

Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 3rd Board of Studies (BoS) Meeting of Department of Mechanical Engineering held on 21st May 2016

Item No. (1): Proposal of Course Structure and syllabus for B.Tech (ME) II, III & IV year I and II Semesters under CBCS and Approval. The Chairman of Board of Studies (BoS) presented the course structure and syllabus in the Annexure-I.

The Members elaborately discussed about the existing II, III & IV B.Tech (ME) course structure and syllabus of affiliating university, JNTUH, with the proposed course structure and syllabus.

Resolution (1): The members after critical discussion approved the course structure and syllabus for II, III & IV B.Tech (ME) I and II Semester under CBCS.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the II B.Tech (ME) I and II Semester and list of experiments for service courses. The members advised that at least 80% of experiments should be completed in a semester for the labs.

Resolution (3): The members approved to adopt R15 I & II B.Tech I and II semester course structure and syllabus for 2016-17 batch students.

Noted and Approved.


Item No. (2): Proposal of Course Structure and Syllabus for III & IV B.Tech (ME) I and II Semester and Approval. The Chairman of Board of Studies (BoS) presented the Course structure and syllabus in Annexure-II.

The Members elaborately discussed about the existing III & IV B.Tech (ME) course structure and syllabus of affiliating university, JNTUH, with the proposed course structure and syllabus.

Resolution (1): The members after critical discussion approved the course structure and syllabus to be taught for III & IV B.Tech (ME) I and II Semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the III & IV B.Tech (ME) I and II Semester. The members advised that atleast 80% of experiments should be completed in a semester for the labs.

Noted and Approved.


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Item No. (3): Proposal of Course Structure and Syllabus for M.Tech (MD) and Approval: The Chairman of Board of Studies (BoS) presented the Course structure and syllabus in Annexure-III.

Resolution (1): The members after critical discussion approved the course structure and syllabus to be taught for M.Tech (MD) I and II Semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the M.Tech (MD) I and II Semester. The members advised that atleast 80% of experiments should be completed in a semester for the labs.

Noted and Approved.

Item No. (4): To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).


Resolution (1): The board has empowered Chairman to finalize panel of examiners for conduct examinations for the A.Y.2016-17.

Resolution (2): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.


Chairman

Board of Studies
Department of ME



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Annexure-I:


Course Structure for I and II B. TechME I and II Semesters of R-15 Regulations under Choice Base Credit System(CBCS):

Table 1-List of Courses:

S.No.	Name of the Course	Year / Semester	Programme
1.	English-I	I/I	B.Tech
2.	Mathematics-I	I/I	B.Tech
3.	Engineering Physics-I	I/I	B.Tech
4.	Applied Chemistry-I	I/I	B.Tech
5.	Computer Programming-I	I/I	B.Tech
6.	Engineering Graphics-I	I/I	B.Tech
7.	Engineering Mechanics-I	I/I	B.Tech
8.	English Language Communication Skills Lab-I	I/I	B.Tech
9.	Computer Programming Lab-I	I/I	B.Tech
10.	Engineering Physics and Applied Chemistry Lab-I	I/I	B.Tech
11.	Engineering Workshop-I	I/I	B.Tech
12.	English-II	I/II	B.Tech
13.	Mathematics-II	I/II	B.Tech
14.	Engineering Physics-II	I/II	B.Tech
15.	Applied Chemistry-II	I/II	B.Tech
16.	Engineering Mechanics-II	I/II	B.Tech
17.	Computer Programming-II	I/II	B.Tech
18.	Engineering Graphics-II	I/II	B.Tech
19.	English Language Communication Skills Lab-II	I/II	B.Tech



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20.	Computer Programming Lab-II	I/II	B.Tech
21.	Engineering Physics and Applied Chemistry Lab-II	I/II	B.Tech
22.	Engineering Workshop-II&I.T Workshop	I/II	B.Tech
23.	Mechanics of Solids	II/I	B.Tech
24.	Thermodynamics	II/I	B.Tech
25.	Metallurgy & Material Science	II/I	B.Tech
26.	Environmental Studies	II/I	B.Tech
27.	Mathematics-III	II/I	B.Tech
28.	Electrical and Electronics Engineering	II/I	B.Tech
29.	Electrical and Electronics Engineering Lab	II/I	B.Tech
30.	Metallurgy and Mechanics of Solids Lab	II/I	B.Tech
31.	Gender Sensitization	II/I	B.Tech
32.	Production Technology	II/II	B.Tech
33.	Kinematics of Machinery	II/II	B.Tech
34.	Thermal Engineering-I	II/II	B.Tech
35.	Mechanics of Fluids and Hydraulic Machines	II/II	B.Tech
36.	Machine Drawing	II/II	B.Tech
37.	Probability & Statistics	II/II	B.Tech
38.	Production Technology Lab	II/II	B.Tech
39.	Mechanics of Fluids and Hydraulic Machines Lab	II/II	B.Tech
40.	Human Values and Professional Ethics	II/II	B.Tech


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Annexure-II:**Course Structure for III and IV B. Tech ME I and II Semester of R-14 Regulations.****Table 1: List of Courses:**

S.No.	Name of the Course	Year / Semester	Programme
1.	Metrology and Surface Engineering	III/I	B.Tech
2.	Dynamics of Machinery	III/I	B.Tech
3.	Machine Tools	III/I	B.Tech
4.	Design of Machine Members-I	III/I	B.Tech
5.	Thermal Engineering-II	III/I	B.Tech
6.	Managerial Economics and Financial Analysis	III/I	B.Tech
7.	Metrology and Machine Tools Lab	III/I	B.Tech
8.	Thermal Engineering Lab	III/I	B.Tech
9.	Finite Element Methods	III/II	B.Tech
10.	Refrigeration and Air Conditioning	III/II	B.Tech
11.	Design of Machine Members-II	III/II	B.Tech
12.	Heat Transfer	III/II	B.Tech
13.	Industrial Management	III/II	B.Tech
14.	Elective I:	III/II	B.Tech
15.	Heat Transfer lab	III/II	B.Tech
16.	Advanced English Communication Skills Lab	III/II	B.Tech


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17.	Power Plant Engineering	IV/I	B.Tech
18.	CAD/CAM	IV/I	B.Tech
19.	Mechanical Measurements & Instrumentation	IV/I	B.Tech
20.	Operations Research	IV/I	B.Tech
21.	Elective II:	IV/I	B.Tech
22.	Elective III:	IV/I	B.Tech
23.	Computer Aided Design and Manufacturing Lab	IV/I	B.Tech
24.	Production Drawing Practice and Instrumentation Lab	IV/I	B.Tech
25.	Industry Oriented Mini Project	IV/I	B.Tech
26.	Production Planning and Control	IV/II	B.Tech
27.	Elective IV:	IV/II	B.Tech
28.	Elective V:	IV/II	B.Tech
29.	Seminar	IV/II	B.Tech
30.	Project Work	IV/II	B.Tech
31.	Comprehensive Viva	IV/II	B.Tech


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 Nellore (D1), Telangana-501

List of Electives:

Table 2:

S No	Elective	Name of the Course	Year / Semester	Programme
1	Elective-I	Engineering Optimization	III/II	B.Tech
		Nano Technology	III/II	B.Tech
		Automobile Engineering	III/II	B.Tech
2	Elective-II	Robotics	IV/I	B.Tech
		Mechatronics	IV/I	B.Tech
		Composite Materials	IV/I	B.Tech
3	Elective-III	Unconventional Machining Process	IV/I	B.Tech
		CNC Technologies	IV/I	B.Tech
		Automation in Manufacturing Systems	IV/I	B.Tech
4	Elective-IV	Reliability Engineering	IV/II	B.Tech
		Maintenance and Safety Engineering	IV/II	B.Tech
		Plant Layout & Material Handling	IV/II	B.Tech
5	Elective-V	Renewable Energy Sources	IV/II	B.Tech
		Computational Fluid Dynamics	IV/II	B.Tech
		Gas Dynamics	IV/II	B.Tech


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ANNEXURE-III: Course Structure for I and IIM. Tech (Machine Design) I and II Semesters of R15 Regulations under Choice Base Credit System(CBCS):

Table 1: List of Courses:

S.No.	Name of the Course	Year / Semester	Programme
1	Advanced Mechanical Engineering Design	I/I	M.Tech
2	Advanced Mechanics of Solids	I/I	M.Tech
3	Fatigue & Fracture Mechanics	I/I	M.Tech
4	Core Elective I	I/I	M.Tech
5	Core Elective II	I/I	M.Tech
6	Open Elective I	I/I	M.Tech
7	Advanced Mechanics of Machinery	I/II	M.Tech
8	Mechanical Vibrations	I/II	M.Tech
9	Experimental Stress Analysis	I/II	M.Tech
10	Core Elective III	I/II	M.Tech
11	Core Elective IV	I/II	M.Tech
12	Open Elective II	I/II	M.Tech
13	Seminar	I/II	M.Tech
14	Comprehensive Viva-Voce	II/I	M.Tech
15	Project work Review I	II/I	M.Tech
16	Project work Review II	II/II	M.Tech
17	Project Evaluation (Viva-Voce)	II/II	M.Tech

List of Electives:

Table 2:

S No	Elective	Name of the Course	Year / Semester	Programme
1	Core Elective-I	Advanced Finite Element Analysis	I/I	M.Tech
		Applied Tribology	I/I	M.Tech
		Theory of Elasticity & Plasticity	I/I	M.Tech
2	Core Elective-II	Concurrent Engineering	I/I	M.Tech
		Advanced Mechanics of Composite Materials	I/I	M.Tech
		Advanced Computer Aided Design	I/I	M.Tech


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3	Open Elective-I	Computational Methods in engineering	I/I	M.Tech
		Database Management System	I/I	M.Tech
4	Core Elective-III	Pressure Vessel Design	I/II	M.Tech
		Design Synthesis	I/II	M.Tech
		Industrial Robotics	I/II	M.Tech
5	Core Elective-IV	Mechatronics	I/II	M.Tech
		Computational Fluid Dynamics	I/II	M.Tech
		Theory of plates and Shells	I/II	M.Tech
6	Open Elective-I	Advanced Optimization Techniques and Applications	I/II	M.Tech
		Signal Analysis and Condition Monitoring	I/II	M.Tech

List of the Lab Courses:

Table 3:

S No.	Name of The Lab Course	Year / Semester	Programme
1	Dynamics & Analysis of Structure Lab	I/I	M.Tech
2	Computer Aided Testing , Analysis & Modeling Lab	I/II	M.Tech



Chairman

**Board of Studies
Department of ME**



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Minutes of 4th Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 09th March 2017

The 4th Board of Studies(BoS) meeting, Dept. of Mechanical Engineering, Anurag Engineering College, Ananthagiri(V&M), Suryapet(Dist), Telangana, is held on 09th March 2017 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr.R.Ganapati AEC, Kodad	Chairman	
2	Prof. M.Srinivasa Rao JNTU-Hyderabad	JNTU Nominee	
3	Prof. S. Venkatesh Osmania University, Hyderabad	Member	 09/3/17
4	Dr. A. Purushotham SNIST, Hyderabad	Member	 09/3/2017
5	Mr. D.Panthula Deputy SE, STPP,Jaipur	Member	
6	Mr. Md.Sikindar Baba AGI,Hyderabad	Member	
7	Mr. K. Veeranjanyulu AEC,Kodad	Member	
8	Mr.E.Sadanandam AEC,Kodad	Member	
9	Mr. Ch. Ashok AEC,Kodad	Member	
10	Mr. B. Biksham AEC,Kodad	Member	
11	Mr.L.Ramesh AEC,Kodad	Member	
12	Mr. P. N. Sarveshwar Rao PG,Alumni	Member	

Minutes of 4th Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 09th March 2017

Item No. (1): Proposal of Syllabus for III & IV B.Tech (ME) I and II Semester of R-15 Regulation and Approval. The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-I.

The Members elaborately discussed about existing B.Tech (ME) course structure and syllabus of R-14 regulation and affiliating university, JNTUH, with the proposed course structure.

Resolution (1) : The members after discussion approved the syllabus to be taught for III & IV B.Tech (ME) I and II Semester of R-15 regulation.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the III & IV B.Tech ME I and II semester of R-15 regulation.

Noted and Approved.

Item No.(2): Proposal of Syllabus for IV B.Tech (ME) I and II Semester of R-14 Regulation and Approval. The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-IA.

The Members elaborately discussed about existing B.Tech (ME) course structure of affiliating university, JNTUH, with the proposed course structure.

Resolution (1) : The members after discussion approved the syllabus to be taught for IV B.Tech (ME) I and II Semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the IV B.Tech ME I and II semester.

Noted and Approved.


Chairman


Board of Studies
Department of ME

Annexure-I:

Course Structure for III and IV B. Tech ME I and II Semester of R-15 Regulations under Choice Base Credit System(CBCS).

Table 1-List of Courses:

S.No.	Name of the Course	Year / Semester	Programme
1.	Machine Tools & Metrology	III/I	B.Tech
2.	Dynamics of Machinery	III/I	B.Tech
3.	Design Of Machine Members-I	III/I	B.Tech
4.	Thermal Engineering-II	III/I	B.Tech
5.	Managerial Economics and Financial Analysis	III/I	B.Tech
6.	Professional Elective-I	III/I	B.Tech
7.	Metrology & Machine Tools Lab	III/I	B.Tech
8.	Thermal Engineering Lab	III/I	B.Tech
9.	Design Of Machine Members-II	III/II	B.Tech
10.	Heat Transfer	III/II	B.Tech
11.	Refrigeration & Air Conditioning	III/II	B.Tech
12.	Operation Research	III/II	B.Tech
13.	Professional Elective-II	III/II	B.Tech
14.	Open Elective-I	III/II	B.Tech
15.	Heat Transfer Lab	III/II	B.Tech
16.	Advanced English Communication Skills Lab	III/II	B.Tech
17.	CAD/CAM	IV/I	B.Tech
18.	Instrumentation & Control Systems	IV/I	B.Tech
19.	Finite Element Analysis	IV/I	B.Tech
20.	Professional Elective-III	IV/I	B.Tech
21.	Professional Elective-IV	IV/I	B.Tech
22.	Open Elective-II	IV/I	B.Tech
23.	Computer Aided Design & Computer Aided manufacturing Lab	IV/II	B.Tech
24.	PDP & Instrumentation Lab	IV/II	B.Tech
25.	Mini Project	IV/II	B.Tech
26.	Professional Elective-V	IV/II	B.Tech
27.	Professional Elective-VI	IV/II	B.Tech
28.	Open Elective-III	IV/II	B.Tech
29.	Seminar	IV/II	B.Tech
30.	Project Work	IV/II	B.Tech
31.	Comprehensive Viva	IV/II	B.Tech


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List of Professional Electives:


Table 2:

S No	Professional Elective	Name of the Course	Year / Semester	Programme
1	Professional Elective-I	Automobile Engineering	III/I	B.Tech
		Welding Technology	III/I	B.Tech
		Turbo Machinery	III/I	B.Tech
2	Professional Elective-II	Industrial Management	III/II	B.Tech
		Nano Technology	III/II	B.Tech
		Tribology	III/II	B.Tech
3	Professional Elective-III	Power Plant Engineering	IV/I	B.Tech
		CNC Technologies	IV/I	B.Tech
		Unconventional Machining Process	IV/I	B.Tech
4	Professional Elective-IV	Automation in Manufacturing Systems	IV/I	B.Tech
		Plant Layout & Material handling	IV/I	B.Tech
		Computational Fluid Dynamics	IV/I	B.Tech
5	Professional Elective-V	Industrial Robotics	IV/II	B.Tech
		Mechatronics	IV/II	B.Tech
		Composite Materials	IV/II	B.Tech
6	Professional Elective-VI	Production Planning and Control	IV/II	B.Tech
		Mechanical vibrations	IV/II	B.Tech
		Flexible Manufacturing Systems	IV/II	B.Tech

List of Open Electives:

Table 3:

S No	Open Elective	Name of the Course	Year / Semester	Offering Department	Programme
1	Open Elective-I	Construction Materials	III/II	Civil Engineering	B.Tech
2	Open Elective-I	Waste Management	III/II		B.Tech
3	Open Elective-I	Solar Photovoltaic Systems	III/II	Electrical & Electronics Engineering	B.Tech
4	Open Elective-I	Maintenance of Electrical Systems	III/II		B.Tech
5	Open Elective-I	Advanced Engineering Materials	III/II	Mechanical Engineering	B.Tech
6	Open Elective-I	Mechatronics	III/II		B.Tech
7	Open Elective-I	Principles of Communication Systems	III/II	Electronics & Communication Engineering	B.Tech
8	Open Elective-I	Electronic Measuring Instruments	III/II		B.Tech
9	Open Elective-I	Java Programming	III/II	Computer Science & Engineering	B.Tech
10	Open Elective-I	Computer Networks	III/II		B.Tech
S No	Open Elective	Name of the Course	Year / Semester	Offering Department	Programme
1	Open Elective-II	Disaster Management and Mitigation	IV/I	Civil Engineering	B.Tech
2	Open Elective-II	Geological Information System & Remote Sensing	IV/I		B.Tech
3	Open Elective-II	Energy Storage Systems	IV/I	Electrical & Electronics Engineering	B.Tech
4	Open Elective-II	Electrical Engineering Materials	IV/I		B.Tech
5	Open Elective-II	Power Plant Engineering	IV/I	Mechanical Engineering	B.Tech
6	Open Elective-II	Industrial Robotics	IV/I		B.Tech
7	Open Elective-II	Computer Organization	IV/I	Electronics & Communication Engineering	B.Tech
8	Open Elective-II	Principles of Signal Processing	IV/I		B.Tech
9	Open Elective-II	Database Management Systems	IV/I	Computer Science & Engineering	B.Tech
10	Open Elective-II	Web Technologies	IV/I		B.Tech


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S No	Open Elective	Name of the Course	Year / Semester	Offering Department	Programme
1	Open Elective-III	Construction Technology and Project Management	IV/II	Civil Engineering	B.Tech
2	Open Elective-III	Safety Engineering	IV/II		B.Tech
3	Open Elective-III	Energy conservation and Audit	IV/II	Electrical & Electronics Engineering	B.Tech
4	Open Elective-III	Artificial Neural Networks	IV/II		B.Tech
5	Open Elective-III	Renewable Energy Sources	IV/II	Mechanical Engineering	B.Tech
6	Open Elective-III	Automobile Engineering	IV/II		B.Tech
7	Open Elective-III	Nano Technology	IV/II	Electronics & Communication Engineering	B.Tech
8	Open Elective-III	Biometric System	IV/II		B.Tech
9	Open Elective-III	Game Theory with Engineering Applications	IV/II	Computer Science & Engineering	B.Tech
10	Open Elective-III	Software Engineering	IV/II		B.Tech



Chairman

Board of Studies

Department of ME



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Minutes of 5th Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 17th July 2018

The 5th Board of Studies (BoS) meeting, Dept. of Mechanical Engineering, Anurag Engineering College, Ananthagiri(V&M), Suryapet(Dist), Telangana, is held on 17th July 2018 at 11:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr.R.Ganapati AEC, Kodad	Chairman	
2	Prof. M.Srinivasa Rao JNTU-Hyderabad	JNTU Nominee	
3	Prof. S. Venkatesh Osmania University, Hyderabad	Member	
4	Dr. A. Purushotham SNIST, Hyderabad	Member	
5	Mr. D.Panthula Deputy SE, STPP, Jaipur	Member	
6	Mr. Md.Sikindar Baba AGI, Hyderabad	Member	
7	Mr. K. Veeranjanyulu AEC, Kodad	Member	
8	Mr.E.Sadanandam AEC, Kodad	Member	
9	Mr. B. Biksham AEC, Kodad	Member	
10	Mr.L.Ramesh AEC, Kodad	Member	
11	Mr. P. N. Sarveshwar Rao PG, Alumni	Member	

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Minutes of 5th Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 17th July 2018

Item No. (1): Proposal of Course Structure and Syllabus for I B.Tech (ME) I and II Semester of R-18 Regulation and Approval. The Chairman of Board of Studies (BoS)

presented the curriculum for following Courses in the Annexure-I.

The Members elaborately discussed about existing B.Tech (ME) course structure and syllabus of R-15 regulation and affiliating university, JNTUH, with the proposed course structure.

Resolution (1) : The members after discussion approved the syllabus to be taught for I B.Tech (ME) I and II Semester of R-18 regulation.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech ME I and II semester of R-18 regulation.

Noted and Approved.


Item No. (2): Proposal of syllabus of service courses and Approval. The Chairman of Board of Studies (BoS) presented the syllabus of service Courses in the Annexure-I.

Resolution (1): The members after discussion approved the syllabus to be taught for I B.Tech service courses of R-18 regulation.

Noted and Approved.



**Chairman
Board of Studies
Department of ME**



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Annexure-I:

Course Structure for I B. Tech ME I and II Semesters of R-18 Regulations.

Table 1-List of Courses:


S.No.	Name of the Course	Year / Semester	Programme
1.	Mathematics-I	I/I	B.Tech
2.	Engineering Chemistry	I/I	B.Tech
3.	English	I/I	B.Tech
4.	Programming for Problem Solving-I	I/I	B.Tech
5.	Engineering Chemistry Lab	I/I	B.Tech
6.	English Language Communication Skills Lab-I	I/I	B.Tech
7.	Programming for Problem Solving-I Lab	I/I	B.Tech
8.	Engineering Workshop	I/I	B.Tech
9.	Mathematics-II	I/II	B.Tech
10.	Engineering Physics	I/II	B.Tech
11.	Engineering Mechanics	I/II	B.Tech
12.	Programming for Problem Solving-II	I/II	B.Tech
13.	Engineering Graphics	I/II	B.Tech
14.	Engineering Physics I Lab	I/II	B.Tech
15.	Programming for Problem Solving-II Lab	I/II	B.Tech
16.	English Language Communication Skills Lab-II	I/II	B.Tech



Chairman

Board of Studies


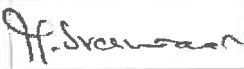

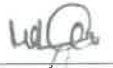




Department of ME




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Minutes of 6th Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 8th February 2019

The 6th Board of Studies (BoS) meeting, Dept. of Mechanical Engineering, Anurag Engineering College, Ananthagiri(V&M), Suryapet(Dist), Telangana, is held on 08th February 2019 at 11:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr.R.Ganapati AEC, Kodad	Chairman	
2	Prof. M.Srinivasa Rao JNTU-Hyderabad	JNTU Nominee	
3	Prof. S. Venkatesh Osmania University, Hyderabad	Member	
4	Dr. A. Purushotham SNIST, Hyderabad	Member	
5	Mr. D.Yohan A.D.E,K.T.P.S,Palwancha,Kothagudem	Member	
6	Mr. Md.Sikindar Baba AGI,Hyderabad	Member	
7	Mr. K. Veeranjanyulu AEC,Kodad	Member	
8	Mr.E.Sadanandam AEC,Kodad	Member	
9	Mr. B. Biksham AEC,Kodad	Member	
10	Mr.L.Ramesh AEC,Kodad	Member	
11	Mr. P. N. Sarveshwar Rao PG,Alumni	Member	


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200

Minutes of 6th Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 8th February 2019

Item No. (1): Proposal of Course Structure and Syllabus for II B.Tech (ME) I and II Semester of R-18 Regulation and Approval. The Chairman of Board of Studies (BoS) presented the curriculum. The Members elaborately discussed about existing B.Tech (ME) course structure and syllabus of R-15 regulation with the proposed course structure.

Resolution (1): The members after discussion approved the syllabus to be taught for II B.Tech (ME) I and II Semester of R-18 regulation.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the II B.Tech ME I and II semester of R-18 regulation.

Noted and Approved.


Item No. (2): Proposal of Course Structure for III & IV B.Tech (ME) I and II Semester of R-18 Regulation and Approval. The Chairman of Board of Studies (BoS) presented the course structure for III & IV B.Tech ME I and II Semester. The Members elaborately discussed about existing B.Tech (ME) course structure of R-15 regulation with the proposed course structure.

Resolution (1): The members after discussion approved the course structure for III & IV B.Tech (ME) I and II Semester of R-18 regulation.

Noted and Approved.




**Chairman
Board of Studies
Department of ME**



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Annexure-I:**Course Structure for II, III and IV B. Tech ME I and II Semesters of R-18 Regulations.****Table 1-List of Courses:**

S.No.	Name of the Course	Year / Semester	Programme
1.	Numerical Methods & Partial Differential Equations	II/I	B.Tech
2.	Environmental Sciences	II/I	B.Tech
3.	Metallurgy and Material Science	II/I	B.Tech
4.	Basic Electrical and Electronics Engineering	II/I	B.Tech
5.	Mechanics of Solids	II/I	B.Tech
6.	Thermodynamics	II/I	B.Tech
7.	Metallurgy and Mechanics of Solids Lab	II/I	B.Tech
8.	Basic CAD Lab	II/I	B.Tech
9.	Gender Sensitization	II/I	B.Tech
10.	Probability and Statics	II/II	B.Tech
11.	Kinematics of Machinery	II/II	B.Tech
12.	Production Technology	II/II	B.Tech
13.	Thermal Engineering-I	II/II	B.Tech
14.	Mechanics of Fluids and Hydraulic Machines	II/II	B.Tech
15.	Machine Drawing	II/II	B.Tech
16.	Mechanics of Fluids and Hydraulic Machines Lab	II/II	B.Tech
17.	Production Technology Lab	II/II	B.Tech
18.	Human Values and Professional Ethics	II/II	B.Tech
19.	Managerial Economics and Financial Analysis	III/I	B.Tech
20.	Dynamics of Machinery	III/I	B.Tech
21.	Machine Tools & Metrology	III/I	B.Tech
22.	Design Of Machine Members-I	III/I	B.Tech
23.	Thermal Engineering-II	III/I	B.Tech
24.	Professional Elective-I	III/I	B.Tech
25.	Machine Tools & Metrology Lab	III/I	B.Tech


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26.	Thermal Engineering Lab	III/I	B.Tech
27.	Constitution of India	III/I	B.Tech
28.	Industrial Management	III/II	B.Tech
29.	Heat Transfer	III/II	B.Tech
30.	Design of Machine Members-II	III/II	B.Tech
31.	Operations Research	III/II	B.Tech
32.	Professional Elective-II	III/II	B.Tech
33.	Open Elective-I	III/II	B.Tech
34.	Advanced English Communication Skills Lab	III/II	B.Tech
35.	Heat Transfer lab	III/II	B.Tech
36.	Intellectual Property Rights	III/II	B.Tech
37.	CAD/CAM	IV/I	B.Tech
38.	Instrumentation and Control Systems	IV/I	B.Tech
39.	Professional Elective-III	IV/I	B.Tech
40.	Professional Elective-IV	IV/I	B.Tech
41.	Open Elective-II	IV/I	B.Tech
42.	Advanced CAD/CAM Lab	IV/I	B.Tech
43.	Mini Project Evaluation	IV/I	B.Tech
44.	Project Stage-I	IV/I	B.Tech
45.	Professional Elective-V	IV/II	B.Tech
46.	Professional Elective-VI	IV/II	B.Tech
47.	Open Elective-III	IV/II	B.Tech
48.	Seminar	IV/II	B.Tech
49.	Project Stage-II	IV/II	B.Tech


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List of Professional Electives:

Table 2:


S No	Professional Elective	Name of the Course	Year / Semester	Programme
1	Professional Elective-I	Automobile Engineering	III/I	B.Tech
		Welding Technology	III/I	B.Tech
		Turbo Machinery	III/I	B.Tech
2	Professional Elective-II	Refrigeration & Air Conditioning	III/II	B.Tech
		Nano Technology	III/II	B.Tech
		Tribology	III/II	B.Tech
3	Professional Elective-III	Power Plant Engineering	IV/I	B.Tech
		Introduction to Finite Element Methods	IV/I	B.Tech
		Unconventional Machining Process	IV/I	B.Tech
4	Professional Elective-IV	Automation in Manufacturing Systems	IV/I	B.Tech
		Plant Layout & Material handling	IV/I	B.Tech
		Computational Fluid Dynamics	IV/I	B.Tech
5	Professional Elective-V	Industrial Robotics	IV/II	B.Tech
		Mechatronics	IV/II	B.Tech
		Composite Materials	IV/II	B.Tech
6	Professional Elective-VI	Production Planning and Control	IV/II	B.Tech
		Mechanical vibrations	IV/II	B.Tech
		Flexible Manufacturing Systems	IV/II	B.Tech


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List of Open Electives:

Table 3:


S No	Open Elective	Name of the Course	Year / Semester	Offering Department	Programme
1	Open Elective-I	Construction Materials	III/II	Civil Engineering	B.Tech
2	Open Elective-I	Waste Management	III/II		B.Tech
3	Open Elective-I	Solar Photovoltaic Systems	III/II	Electrical & Electronics Engineering	B.Tech
4	Open Elective-I	Electrical Power Generation Systems	III/II		B.Tech
5	Open Elective-I	Advanced Engineering Materials	III/II	Mechanical Engineering	B.Tech
6	Open Elective-I	Introduction to Automobile Engineering	III/II		B.Tech
7	Open Elective-I	Principles of Communications	III/II	Electronics & Communication Engineering	B.Tech
8	Open Elective-I	Basic Electronic Circuits Simulation & Design	III/II		B.Tech
9	Open Elective-I	Software Engineering	III/II	Computer Science & Engineering	B.Tech
10	Open Elective-I	Computer Networks	III/II		B.Tech
S No	Open Elective	Name of the Course	Year / Semester	Offering Department	Programme
1	Open Elective-II	Disaster Management.	IV/I	Civil Engineering	B.Tech
2	Open Elective-II	GPS&GIS	IV/I		B.Tech
3	Open Elective-II	Maintenance of Electrical Systems	IV/I	Electrical & Electronics Engineering	B.Tech
4	Open Elective-II	Renewable Energy sources	IV/I		B.Tech
5	Open Elective-II	Fundamentals of Refrigeration & Air Conditioning	IV/I	Mechanical Engineering	B.Tech
6	Open Elective-II	Industrial Robotics	IV/I		B.Tech
7	Open Elective-II	Principles of Signal Processing	IV/I	Electronics & Communication Engineering	B.Tech
8	Open Elective-II	Nano Materials and Technology	IV/I		B.Tech
9	Open Elective-II	Object Oriented Analysis and Design	IV/I	Computer Science & Engineering	B.Tech
10	Open Elective-II	Cyber forensics	IV/I		B.Tech


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S No	Open Elective	Name of the Course	Year / Semester	Offering Department	Programme
1	Open Elective-III	Project Management	IV/II	Civil Engineering	B.Tech
2	Open Elective-III	Safety Engineering	IV/II		B.Tech
3	Open Elective-III	Electrical Engineering materials	IV/II	Electrical & Electronics Engineering	B.Tech
4	Open Elective-III	Fuzzy Logic and Its Applications	IV/II		B.Tech
5	Open Elective-III	Power Plant Engineering	IV/II	Mechanical Engineering	B.Tech
6	Open Elective-III	Nano Technology	IV/II		B.Tech
7	Open Elective-III	Fundamentals of Embedded system	IV/II	Electronics & Communication Engineering	B.Tech
8	Open Elective-III	Biometrics	IV/II		B.Tech
9	Open Elective-III	Software Project Management	IV/II	Computer Science & Engineering	B.Tech
10	Open Elective-III	Human Compute Interaction	IV/II		B.Tech

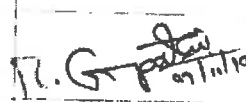


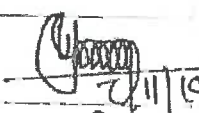
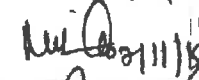







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Department of ME


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Approval of agenda of 7th Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 07th November 2019

The 7th Board of Studies (BoS) meeting, Dept. of Mechanical Engineering, Anurag Engineering College, Ananthagiri(V&M), Suryapet (Dist), Telangana, is held on 07th November 2019 at 11:00 hrs in the conference hall, to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr.R.Ganapati Professor, AEC	Chairman	
2	Dr.J.Suresh Kumar Professor, JNTU-Hyderabad	JNTU Nominee	
3	Dr.S. Venkatesh Professor, Osmania University, Hyderabad	Member	
4	Dr.T.Karthikeya Sharma Associate Professor & HOD of ME, NIT,AP	Member	
4	Dr. A. Purushotham Professor, SNIST, Hyderabad	Member	
5	Er. D.Yohan ADE, KTPS, Palwancha	Member	
6	Mr. MD.Sikinder Baba Associate Professor, AGI, Hyderabad	Member	
7	Mr. K. Veeranjanyulu Associate Professor, AEC	Member	
8	Mr. E.Sadanandam Associate Professor, AEC	Member	
9	Mr. K.Bullibabu Associate Professor, AEC	Member	
10	Mr.L.Ramesh Asst. Professor, AEC	Member	
11	Mr. P. N. Sarveshwar Rao PG Alumni	Member	


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Minutes of 7th Board of Studies (BoS) Meeting in Department of Mechanical Engineering held on 7th November 2019

Item No. (1): Proposal of detailed syllabus for III & IV B.Tech (ME) I and II Semester of R-18 Regulation and Approval. The Chairman of Board of Studies (BoS) presented the detailed syllabus for III & IV B.Tech(ME) of R-18 regulation. The Members elaborately discussed about existing B.Tech (ME) syllabus of R-15 regulation with the proposed syllabus.

Resolution (1): The members after discussion approved the syllabus to be taught for III & IV B.Tech (ME) I and II Semester of R-18 regulation.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the III & IV B.Tech ME I and II semester of R-18 regulation.

Noted and Approved.

Item No. (2): Proposal of detailed syllabus for open electives of R-18 regulation and approval. The Chairman of Board of Studies (BoS) presented the detailed syllabus for open electives of R-18 regulation.

Resolution (3): The members after discussion approved the syllabus to be taught for open electives offered by mechanical engineering department.

Noted and Approved.


Chairman 07/11/2019

**Board of Studies
Department of ME**


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uryapet (Dt.), Telangana-508211.



Minutes of 1st Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 27th August 2014

The 1st Board of Studies(BoS) meeting, Dept. of Electronics and Communication Engineering, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 27th August, 2014 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. N.V.N. Ravi Kumar	Chairman	
2	Prof. B.N. Bandari	JNTU Nominee	
3	Prof. K. KishanRao	Member	
4	Mr. K. P. Sekhar	Member	
5	Dr.P.Laxminarayana	Member	
6	Mr. R. Raghavendra Rao	Member	
7	Prof. J. V. Sharma	Member	
8	Mr. M.Basha	Member	
9	Mr. K.Veenanand	Member	
10	Mr. B.Durga Malleswar Reddy	Member	
11	Mr. Y. Chalapathi Rao	Member	
12	Mr. N. Ravi Kumar	Member	
13	Mr.Ch.Sujith Kumar	Member	

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**Minutes of 1st Board of Studies (BoS) Meeting in Department of ECE held on
27th August 2014.**

Item No. 1: Proposal of Course Structure and Syllabus for I B.Tech (ECE) I and II Semester and I M.Tech (ES, VLSI SD, WMC) I and II Semester and Approval.

The Chairman of Board of Studies (BoS) presented the curriculum for following Courses in the Annexure-I. He said that the first year study may be divided into 2 semesters. The subjects covered in the full first year in the existing syllabus may be divided into two parts for study in first and second semester.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Electronic Devices and Circuits	I / II	B.Tech

The chairman also presented the course structure for I M.Tech (ES, VLSI SD, WMC)- I and II semester along with syllabus of respective courses (Annexure-II). The Members elaborately discussed existing I B.Tech (ECE) course structure of affiliating university, JNTUH, with the proposed course structure. The Chairman informed the members that the affiliating university, JNTUH, course structure and syllabus will be followed for M.Tech Programmes.

The Chairman of BoS for ECE presented the list of lab experiments (Annexure – I) to be conducted for various laboratory courses listed in Table 2.

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Electronic Devices and Circuits Lab	I / II	B.Tech

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for I B.Tech (ECE) I and II Semester and also approved the course structure and Syllabus for I M.Tech (ES, VLSI SD, WMC) I and II Semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Noted and Approved.


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Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-III) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.


Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of I B.Tech- I & II semesters and I M.Tech- I & II semesters for the A.Y.2014-15.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

**Board of Studies
Department of ECE**



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Annexure-II

Item No. 1: Proposal of course structure and syllabus for I B.Tech (ECE) I and II semester and I M.Tech (ES, VLSI SD, WMC) I and II semester and approval.

Table 1: I M.Tech (Embedded Systems) I and II semester course structure and syllabus


S. No.	Course	Year/ Semester	Programme
1	Embedded System Design	I/I	M.Tech
2	Microcontroller for Embedded system design	I/I	M.Tech
3	Embedded Real Time Operating Systems	I/I	M.Tech
4	Embedded C	I/I	M.Tech
	Core Elective -I		
5	Advanced Computer Architecture	I/I	M.Tech
6	VLSI Technology and Design	I/I	M.Tech
7	Embedded Computing	I/I	M.Tech
	Core Elective -II		
8	Digital System Design	I/I	M.Tech
9	Soft Computing Techniques	I/I	M.Tech
10	Advanced Operating Systems	I/I	M.Tech
11	Embedded C Laboratory	I/I	M.Tech
12	Seminar-I	I/I	M.Tech
13	Hardware Software Co-Design	I/II	M.Tech
14	Digital Signal Processors and Architectures	I/II	M.Tech
15	Embedded Networking	I/II	M.Tech
16	CPLD and FPGA Architectures and Applications	I/II	M.Tech
	Core Elective -III		
17	Sensors and Actuators	I/II	M.Tech
18	Wireless Communications and Networks	I/II	M.Tech
19	Network Security and Cryptography	I/II	M.Tech
	Core Elective -IV		
20	Multimedia and Signal Coding	I/II	M.Tech


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21	System On Chip Architecture	I/II	M.Tech
22	Wireless LANs and PANs	I/II	M.Tech
23	Embedded Systems Laboratory	I/II	M.Tech
24	Seminar-II	I/II	M.Tech

Table 2: I M.Tech (VLSI SD) I and II semester course structure and syllabus.


S. No.	Course	Year/ Semester	Programme
1	VLSI Technology and Design	I/I	M.Tech
2	CMOS Analog Integrated Circuit Design	I/I	M.Tech
3	CPLD and FPGA Architectures and Applications	I/I	M.Tech
4	CMOS Digital Integrated Circuit Design	I/I	M.Tech
	Core Elective-I		
5	Digital System Design	I/I	M.Tech
6	Hardware Software Co-Design	I/I	M.Tech
7	Device Modeling	I/I	M.Tech
	Core Elective-II		
8	Advance Operating Systems	I/I	M.Tech
9	Micro Controllers for Embedded System Design	I/I	M.Tech
10	Advanced Computer Architecture	I/I	M.Tech
11	VLSI Laboratory – I	I/I	M.Tech
12	Seminar-I	I/I	M.Tech
13	Low Power VLSI Design	I/II	M.Tech
14	CAD for VLSI Circuits		
15	CMOS Mixed Signal Circuit Design	I/II	M.Tech
16	Design for Testability	I/II	M.Tech
	Core Elective-III		
17	Scripting Languages for VLSI	I/II	M.Tech
18	Digital Signal Processors and Architectures	I/II	M.Tech


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19	VLSI Signal Processing	I/II	M.Tech
	Core Elective-IV		
20	Optimization Techniques in VLSI Design	I/II	M.Tech
21	System On Chip Architecture	I/II	M.Tech
22	Semiconductor Memory Design and Testing	I/II	M.Tech
23	VLSI Laboratory – II	I/II	M.Tech
24	Seminar-II	I/II	M.Tech


Table 3: I M.Tech (WMC) I and II semester course structure and syllabus.

S. No.	Course	Year/ Semester	Programme
1	Advanced Data Communications	I/I	M.Tech
2	TCP/IP and ATM Networks	I/I	M.Tech
3	Advanced Digital Signal Processing	I/I	M.Tech
4	Image and Video Processing	I/I	M.Tech
	Elective -I		
5	Detection and Estimation Theory	I/I	M.Tech


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6	Random Processes and Time Series Analysis	I/I	M.Tech
7	RF Circuit Design	I/I	M.Tech
	Elective -II		
8	Voice Over IP	I/I	M.Tech
9	Satellite Communications	I/I	M.Tech
10	Spread Spectrum Communications	I/I	M.Tech
11	Communication Lab-I	I/I	M.Tech
12	Seminar-I	I/I	M.Tech
13	Coding Theory and Techniques	I/II	M.Tech
14	Wireless Communications & Networks	I/II	M.Tech
15	Optical Communications Technology	I/II	M.Tech
16	Telecommunication Switching Systems and Networks	I/II	M.Tech
	Elective -III		
17	Optical Networks	I/II	M.Tech
18	Mobile Computing Technologies	I/II	M.Tech
19	Ad-hoc and Wireless Sensor Networks	I/II	M.Tech
	Elective -IV		
20	Network Security And Cryptography	I/II	M.Tech
21	Propagation Models for Wireless Communications	I/II	M.Tech
22	Software Radio	I/II	M.Tech
23	Communication Lab-II	I/II	M.Tech
24	Seminar-II	I/II	M.Tech


 Chairman
 Board of studies
 Department of ECE


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Annexure - III

UG End Semester Question Paper Pattern			
Theory	Mid Term1	Assignment	Unit-1 & 2: 2 Questions each Unit - 3: 1 Question from 50% of Unit-3
		Subjective Test	Part - A : 5 Marks (All) Part - B : 15 Marks (3 out of 5) or (3 questions with Internal Choice)
	Mid Term2	Assignment	Unit-3: 1 Question remaining 50% of Unit-3 Unit - 4 & 5: 2 Questions Each
		Subjective Test	Part - A : 5 Marks (All) Part - B : 15 Marks (3 out of 5) or (3 questions with Internal Choice)
	End Semester	-----	Part-A : 25 Marks (All questions to Answer) Part-B : 50 Marks (5 questions with Internal Choice from each Unit and each carries 10 Marks)
			5 Units

PG End Semester Examination Question Paper Pattern			
Theory	Mid Term1	Assignment	Unit-1 & 2: 2 Questions each Unit - 3: 1 Question from 50% of Unit-3
		Subjective Test	Part - A : 12 Marks - Six Questions, two questions from each unit (Answer All) Part - B: 18 Marks (3 out of 5) - Each question carries 6 marks.
	Mid Term2	Assignment	Unit-3: 1 Question remaining 50% of Unit-3 Unit - 4 & 5: 2 Questions Each
		Subjective Test	Part - A : 12 Marks - Six Questions, two questions from each unit (Answer All) Part - B: 18 Marks (Answer 3 out of 5) - Each question carries 6 marks.
	End Semester	---	Part-A : 20 Marks - 10 Questions (Two from each Unit) Part-B: 40 Marks (5 questions with Internal Choice one question from each Unit and each question carries 8 Marks)
			5 Units

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RAJHAVENDRA ESE.


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K. Phani Sankar.

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Annexure - III

PG	Internal				End Semester	Total	
	Mid Term I (40 Marks) Duration 120 Minutes	Mid Term II (40 marks) Duration 120 Minutes	Mid Term II (40 marks) Duration 150 Minutes				
Theory	Assignment (10 Marks) To be submitted before the start date of Mid Term - I Examinations	Subjective Test (30 Marks)	Assignment (10 Marks) To be submitted before the start date of Mid Term - II Examinations	Subjective Test (30 Marks)	60 Marks Duration: 180 Minutes	100	
	7 th Week of Instruction	8 th of Instruction	14 th Week of Instruction	15 th Week of Instruction			
	Unit-I, Unit-II and 50% of Unit-III						
	Average of Mid-I and Mid-II shall be considered						
Lab	Mid Term I (40 Marks) Duration 150 Minutes	Mid Term II (40 marks) Duration 150 Minutes		60 Marks Duration: 180 Minutes		100	
	Day to Day Evaluation (25 Marks)	Practical Test (15 Marks)	Day to Day Evaluation (25 Marks)				Practical Test (15 Marks)
	First 50% of Experiments		14 th Week				
	Average of Mid-I and Mid-II shall be considered						
Remaining 50% of Experiments							


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Annexure - III

UG	Internal				End Semester	Total
Theory	Mid Term I (25 Marks) Duration 90 Minutes	Mid Term II (25 marks) Duration 90 Minutes			75 Marks Duration: 180 Minutes	100 Marks
	Assignment (5 Marks) To be submitted before the start date of Mid Term - I Examinations	Assignment (5 Marks) To be submitted before the start date of Mid Term - II Examinations	Subjective Test (20 Marks)	Subjective Test (20 Marks)		
	7 th Week of Instruction	8 th week of Instruction	14 th Week of Instruction	15 th Week of Instruction		
	Unit-I, Unit-II and 50% of Unit-III Average of Mid-I and Mid-II shall be considered					
Lab	Mid Term I (25 Marks) Duration 150 Minutes	Mid Term II (25 marks) Duration 150 Minutes			50 Marks Duration: 180 Minutes	75
	Day to Day Evaluation (15 Marks)	Day to Day Evaluation (15 Marks)	Practical Test (10 Marks)	Practical Test (10 Marks)		
	7 th Week	14 th Week				
	First 50% of Experiments Average of Mid-I and Mid-II shall be considered					


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18 ————— ELECTRONICS AND COMMUNICATION ENGINEERING 2013-14

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.

B. TECH. ELECTRONICS AND COMMUNICATION ENGINEERING

I YEAR

Code	Subject	L	T/P/D	C
A10001	English	2	-	4
A10002	Mathematics – I	3	1	6
A10003	Mathematical Methods	3	-	6
A10004	Engineering Physics	3	-	6
A10005	Engineering Chemistry	3	-	6
A10501	Computer Programming	3	-	6
A10301	Engineering Drawing	2	3	6
A10581	Computer Programming Lab.	-	3	4
A10081	Engineering Physics / Engineering Chemistry Lab.	-	3	4
A10083	English Language Communication Skills Lab.	-	3	4
A10082	IT Workshop / Engineering Workshop	-	3	4
	Total	19	16	56

II YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A30007	Mathematics - III	4	-	4
A30405	Probability Theory and Stochastic Processes	4	-	4
A30407	Switching Theory and Logic Design	4	-	4
A30204	Electrical Circuits	4	-	4
A30404	Electronic Devices and Circuits	4	-	4
A30406	Signals and Systems	4	-	4
A30482	Electronic Devices and Circuits Lab.	-	3	2
A30481	Basic Simulation Lab.	-	3	2
	Total	24	6	28


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II YEAR II SEMESTER


Code	Subject	L	T/P/D	C
A40215	Principles of Electrical Engineering	4	-	4
A40412	Electronic Circuit Analysis	4	-	4
A40415	Pulse and Digital Circuits	4	-	4
A40009	Environmental Studies	4	—	4
A40411	Electromagnetic Theory and Transmission Lines	4	-	4
A40410	Digital Design using Verilog HDL	4	-	4
A40288	Electrical Technology Lab.	-	3	2
A40484	Electronic Circuits and Pulse Circuits Lab.	-	3	2
	Total	24	6	28

III YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A50217	Control Systems Engineering	4	-	4
A50516	Computer Organization and Operating Systems	4	-	4
A50418	Antennas and Wave Propagation	4	-	4
A50422	Electronic Measurements and Instrumentation	4	-	4
A50408	Analog Communications	4	-	4
A50425	Linear and Digital IC Applications	4	-	4
A50482	Analog Communications Lab.	-	3	2
A50488	IC Applications and HDL Simulation Lab.	-	3	2
	Total	24	6	28

III YEAR II SEMESTER

Code	Subject	L	T/P/D	C	
A60010	Managerial Economics and Financial Analysis	4	-	4	
A60018	Open Elective: Human Values and Professional Ethics	4	-	4	
A60117					Disaster Management
A60017					Intellectual Property Rights
A60420	Digital Communications	4	-	4	
A60432	VLSI Design	4	-	4	
A60430	Microprocessors and Microcontrollers	4	-	4	
A60421	Digital Signal Processing	4	-	4	
A60494	Microprocessors and Microcontrollers Lab.	-	3	2	
A60493	Digital Signal Processing Lab.	-	3	2	
	Total	24	6	28	


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IV YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A70014	Management Science	4	-	4
A70442	Microwave Engineering	4	-	4
A70515	Computer Networks	4	-	4
A70434	Cellular and Mobile Communications	4	-	4
	Elective -I:	4	-	4
A70436	Digital Image Processing			
A70443	Multimedia and Signal Coding			
A70505	Object Oriented Programming through Java			
	Elective -II:	4	-	4
A70447	Television Engineering			
A70444	Optical Communications			
A70440	Embedded Systems Design			
A70086	Advanced Communication Skills Lab,	-	3	2
A70499	Microwave Engineering and Digital Communications Lab	-	3	2
	Total	24	6	28

IV YEAR II SEMESTER

Code	Subject	L	T/P/D	C
	Elective -III:	4	-	4
A80452	Satellite Communications			
A81102	Biomedical Instrumentation			
A80527	Artificial Neural Networks			
	Elective -IV:	4	-	4
A80431	Telecommunication Switching Systems and Networks			
A80450	Radar Systems			
A80449	Network Security			
	Elective -V:	4	-	4
A80454	Wireless Communications and Networks			
A80437	Digital Signal Processors and Architectures			
A80451	RF Circuit Design			
A80087	Industry Oriented Mini Project	-	-	2
A80089	Seminar	-	6	2
A80088	Major Project Work	-	15	10
A80090	Comprehensive Viva	-	-	2
	Total	12	21	28

Note: All End Examinations (Theory and Practical) are of three hours duration.
T-Tutorial L – Theory P – Practical D-Drawing C – Credits


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Minutes of 2nd Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 13th June 2015

The 2nd Board of Studies(BoS) meeting, Dept. of ECE, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 13th June 2015 at 10:30 hrs in the Anurag Group of Institutions, Ghatkesar, Hyderabad to discuss the agenda notified.

Members present:

S.No.	Name of the member	Position	Signature
1	Dr. N.V.N. Ravi Kumar	Chairman	
2	Prof. B.N. Bandari	JNTU Nominee	
3	Prof. K. KishanRao	Member	
4	Mr. K. P. Sekhar	Member	
5	Dr.P.Laxminarayana	Member	
6	Mr. R. Raghavendra Rao	Member	
7	Prof. J. V. Sharma	Member	
8	Mr. M.Basha	Member	
9	Mr. V Santhosh Kumar	Member	
10	Mr. J Ravisankar	Member	
11	Mr. Y. Chalapathi Rao	Member	
12	Mr. N. Ravi Kumar	Member	
13	Mr.Ch. Sujith Kumar	Member	

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The following members are their inability to attend the meeting

1. Prof. B N Bandari, JNTUH Nominee
2. Mr. J Ravisankar, Assoc. Prof. ,AEC Kodad.
3. Mr.Ch. Sujith Kumar, Alumni representative.

Minutes of 2nd Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 13th June 2015

Item No.1: The Chairman of BoS introduced new members Mr. V Santhosh kumar and Mr.J Ravisankar to BOS members

Item No. 2: Proposal of Course Structure and Syllabus for II B.Tech (ECE) I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the course structure for II B.Tech (ECE) – I and II semester and syllabus for following Courses in the Annexure-I.

Table 1:

S.No.	Name of the Course(Theory)	Year / Semest	Programme
1	Switching Theory and Logic Design	II / I	B.Tech
2	Electronic Circuit Analysis	II / I	B.Tech
3	Probability Theory & Stochastic Process	II / I	B.Tech
4	Electromagnetic Theory and Transmission Lines	II / II	B.Tech
5	Signals and Systems	II / II	B.Tech
6	Structured Digital System Design	II / II	B.Tech
7	Pulse and Digital Circuits	II / II	B.Tech
8	Electronic Circuits Analysis Lab	II / I	B.Tech
9	Basic Simulation Lab	II / II	B.Tech
10	Pulse Digital Circuits Lab	II/II	B.Tech

The Members elaborately discussed existing II B.Tech (ECE) course structure of affiliating university, JNTUH, with the proposed course structure.

The Chairman of BoS for ECE presented the list of lab experiments (Annexure – I) to be conducted for various service courses listed in Table 2.

Table 2: Service courses

S. No.	Name of the Lab	Year/Sem	Programme
1	Digital Logic Design for Computers	II/I	B.Tech (CSE)
2	Computer Organization	II / II	B.Tech (CSE)
3	Electronic Devices and Electrical Circuits lab	II / I	B.Tech (CSE)
4	Electrical And Electronics Engineering Lab	II / I	B.Tech (ME)


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Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for II B.Tech (ECE) I and II Semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the II B.Tech (ECE) I and II Semester and service courses for II B.Tech I and II semester.

Resolution (3) : The members approved to adopt R14 I B.Tech I and II semester syllabus for 2015-16 batch students.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalize panel of examiners for conduct examinations of II B.Tech- I & II semesters A.Y.2015-16.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

**Board of Studies
Department of ECE**



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Annexure-I

Item No. 2: Proposal of course structure and syllabus for II B.Tech (ECE) I and II semester and approval.

Table 1: Core Courses

S. No.	Course	Year/ Semester	Programme
1	Mathematics –IV	II/I	B.Tech
2	Switching Theory and Logic Design	II/I	B.Tech
3	Environmental Studies	II/I	B.Tech
4	Electronic Circuit Analysis	II/I	B.Tech
5	Probability Theory & Stochastic Process	II/I	B.Tech
6	Computer Programming-II	II/I	B.Tech
7	Electronic Circuits Analysis Lab	II/I	B.Tech
8	Computer Programming-II Lab	II/I	B.Tech
9	Structured Digital System Design	II/II	B.Tech
10	Principles of Electrical Engineering	II/II	B.Tech
11	Pulse and Digital Circuits	II/II	B.Tech
12	Electromagnetic Theory and Transmission Lines	II/II	B.Tech
13	Signals and Systems	II/II	B.Tech
14	Pulse Digital Circuits Lab	II/II	B.Tech
15	Basic Simulation Lab	II/II	B.Tech
16	Principles of Electrical Engineering Lab	II/II	B.Tech
17	Gender Sensitization	II/II	B.Tech




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Table 2: Service Courses

S. No.	Course	Year/ Semester	Programme
1	Digital Logic Design	II/I	B.Tech(CSE)
2	Computer Organization	II/II	B.Tech(CSE)
3	Electronic Devices and Electrical Circuits Lab	III/I	B.Tech(CSE)
4	Electrical and Electronics Engineering Lab	III/I	B.Tech(ME)


Chairman
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Minutes of 3rd Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 11th May 2016

The 3rd Board of Studies(BoS) meeting, Dept. of ECE, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 11th May 2016 at 10:30 AM in the Anurag Engineering College, Kodad to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. N.V.N. Ravi Kumar	Chairman	
2	Prof. B.N. Bhandari	JNTU Nominee	 11.05.2016
3	Prof. K. Kishan Rao	Member	
4	Mr. K. P. Sekhar	Member	
5	Dr.P.Laxminarayana	Member	 11.05.16.
6	Mr. R. Raghavendra Rao	Member	
7	Prof. J. V. Sharma	Member	
8	Mr. M.Basha	Member	
9	Mr. V Santhosh Kumar	Member	
10	Mr. V Srinivasa Rao	Member	
11	Mr. Y. Chalapathi Rao	Member	
12	Mr. L Nageswara Rao	Member	
13	Mr.Ch. Sujith Kumar	Member	


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Minutes of 3rd Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 11th May 2016

1. The scheme of Instruction under R-15 for B. Tech II, III & IV Years are discussed and finalized as per the CBCS(Choice Based Credit System) guidelines. (A copy of scheme is enclosed)
2. The syllabus for B.Tech III and IV semester of R-15 is finalized.
3. The scheme of Instruction under R-14 for B. Tech III & IV years are discussed and finalized. (A copy of scheme is enclosed).
4. The syllabi for B. Tech III and IV year, I and II semester of R-14 is discussed and finalized.
5. The scheme of Instruction under R-15 for M. Tech I & II years are discussed and finalized. (A copy of scheme is enclosed)
6. The syllabus for M-Tech I and II-Year, I and II sem of R15 is discussed and finalized.

Noted and Approved.


Chairman
Board of studies
Department of ECE



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Annexure-I


Item No.1: The Chairman of Board of Studies (BoS) Presented the scheme of Instruction under R-15 for B.Tech II,III&IV Years are discussed and finalized as per the CBCS(Choice Based Credit System) guidelines.

Table 1: Core Courses.

S. No.	Course	Year/Semester	Programme
1	Environmental Studies	II/I	B.Tech
2	Mathematics –IV	II/I	B.Tech
3	Computer Programming-II	II/I	B.Tech
4	Switching Theory and Logic Design	II/I	B.Tech
5	Electronic Circuits Analysis	II/I	B.Tech
6	Probability Theory & Stochastic Processes	II/I	B.Tech
7	Electronic Circuits Analysis Lab	II/I	B.Tech
8	Computer Programming-II Lab	II/I	B.Tech
9	Gender Sensitization	II/I	B.Tech
10	Managerial Economics & Financial Analysis	II/II	B.Tech
11	Principles of Electrical Engineering	II/II	B.Tech
12	Pulse and Digital Circuits	II/II	B.Tech
13	Electromagnetic Theory and Transmission Lines	II/II	B.Tech
14	Signals and Systems	II/II	B.Tech
15	Digital Design Through Verilog HDL	II/II	B.Tech
16	Basic Simulation Lab	II/II	B.Tech


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17	Electrical Engineering Lab	II/II	B.Tech
18	Human values and Professional ethics	II/II	B.Tech
19	Computer Organization and Operating System	III/I	B.Tech
20	Control Systems Engineering	III/I	B.Tech
21	Antennas & Wave Propagation	III/I	B.Tech
22	Analog Communications	III/I	B.Tech
23	Linear IC Applications	III/I	B.Tech
	PROFESSIONAL ELECTIVE - I		
24	PC & IC Lab	III/I	B.Tech
25	Analog Communications Lab	III/I	B.Tech
26	Microprocessors and Microcontrollers	III/II	B.Tech
27	Management Science	III/II	B.Tech
28	Digital Communications	III/II	B.Tech
29	Digital Signal Processing	III/II	B.Tech
	PROFESSIONAL ELECTIVE - II	III/II	B.Tech
	OPEN ELECTIVE - I	III/II	B.Tech
30	Digital Signal Processing Lab	III/II	B.Tech
31	Microprocessors and Microcontrollers Lab	III/II	B.Tech
32	Computer Networks	IV/I	B.Tech
33	Microwave Engineering	IV/I	B.Tech
34	VLSI Design	IV/I	B.Tech


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	PROFESSIONAL ELECTIVE - III	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - IV	IV/I	B.Tech
	OPEN ELECTIVE - II	IV/I	B.Tech
35	Advanced English Language Communication Skills Lab	IV/I	B.Tech
36	Microwave and Digital Communications Lab	IV/I	B.Tech
37	Mini Project	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - V	IV/II	B.Tech
	PROFESSIONAL ELECTIVE - VI	IV/II	B.Tech
	OPEN ELECTIVE - III	IV/II	B.Tech
38	Seminar	IV/II	B.Tech
39	Major Project	IV/II	B.Tech
40	Comprehensive Viva	IV/II	B.Tech

Table 2: Service Courses


S. No.	Course	Year/Semester	Programme
1	Switching Theory & Logic Design	II/I	B.Tech(EEE)
2	Electronic Devices & Circuits	II/I	B.Tech(EEE)
3	Electronic Devices & Circuits Lab	II/I	B.Tech(EEE)
4	Electronic Circuits	II/II	B.Tech(EEE)
5	Electronic Devices and Circuits	II/I	B.Tech(CSE)
6	Electronic Devices and Electrical Circuits Lab	II/I	B.Tech(CSE)
7	Digital Logic Design	II/I	B.Tech(CSE)
8	Linear IC Applications	III/I	B.Tech(EEE)
9	Computer Organization	III/I	B.Tech(EEE)
10	Signals & Systems	III/I	B.Tech(EEE)
11	Microprocessors and Microcontrollers	III/II	B.Tech(CSE)


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12	Computer Networks	III/II	B.Tech(CSE)
13	Microprocessors and Microcontrollers	IV/I	B.Tech(EEE)
14	Microprocessors and Microcontrollers Lab	IV/I	B.Tech(EEE)

Table 3: Professional Electives &Open Electives

S. No.	Course	Year/Semester	Programme
Professional Elective-I			
1	Electronic Measurements & Instrumentation	III/I	B.Tech
2	Artificial Neural Networks	III/I	B.Tech
3	EMI/EMC	III/I	B.Tech
Professional Elective-II			
4	Telecommunication switching Systems	III/II	B.Tech
5	Satellite Communications	III/II	B.Tech
6	Nanotechnology	III/II	B.Tech
Open Elective-I			
7	Construction Materials	III/II	B.Tech
8	Waste Management	III/II	B.Tech
9	Solar Photovoltaic Systems	III/II	B.Tech
10	Maintenance of Electrical Systems	III/II	B.Tech
11	Advanced Engineering Materials	III/II	B.Tech
12	Mechatronics	III/II	B.Tech
13	Principles of Communication Systems	III/II	B.Tech
14	Electronic Measuring Instruments	III/II	B.Tech
15	Java Programming	III/II	B.Tech
16	Computer Networks	III/II	B.Tech
Professional Elective-III			
9	Embedded Systems Design	IV/I	B.Tech
10	Biometric System	IV/I	B.Tech
11	Optical Communications	IV/I	B.Tech
Professional Elective-IV			
12	Digital Signal Processors & Architectures	IV/I	B.Tech
13	Digital Image Processing	IV/I	B.Tech
14	Television Engineering	IV/I	B.Tech
Open Elective-II			
15	Disaster Management and Mitigation	IV/I	B.Tech
16	Geological Information System &	IV/I	B.Tech


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	Remote Sensing		
17	Energy Storage Systems	IV/I	B.Tech
18	Electrical Engineering Materials	IV/I	B.Tech
19	Power Plant Engineering	IV/I	B.Tech
20	Industrial Robotics	IV/I	B.Tech
21	Computer Organization	IV/I	B.Tech
22	Principles of Signal Processing	IV/I	B.Tech
23	Database Management Systems	IV/I	B.Tech
24	Web Technologies	IV/I	B.Tech
	Professional Elective-V		
25	Cellular & Mobile Communications	IV/II	B.Tech
26	Radar Systems	IV/II	B.Tech
27	Network Security	IV/II	B.Tech
	Open Elective-III		
28	Construction Technology and Project Management	IV/II	B.Tech
29	Safety Engineering	IV/II	B.Tech
30	Energy conservation and Audit	IV/II	B.Tech
31	Artificial Neural Networks	IV/II	B.Tech
32	Renewable Energy Sources	IV/II	B.Tech
33	Automobile Engineering	IV/II	B.Tech
34	Nanotechnology	IV/II	B.Tech
35	Biometric System	IV/II	B.Tech
36	Game Theory with Engineering Applications	IV/II	B.Tech
37	Software Engineering	IV/II	B.Tech
	Professional Elective-VI		
38	Wireless Communications & Networks	IV/II	B.Tech
39	Internet of things	IV/II	B.Tech
40	Scripting Languages	IV/II	B.Tech


Item No.2: The syllabus for B.Tech III and IV Semester of R-15 is finalized under the CBCS.

Table 1: Core Courses.

S. No.	Course	Year/ Semester	Programme
1	Environmental Studies	III/I	B.Tech
2	Mathematics –IV	II/I	B.Tech

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3	Computer Programming-II	III/I	B.Tech
4	Switching Theory and Logic Design	III/I	B.Tech
5	Electronic Circuits Analysis	III/I	B.Tech
6	Probability Theory & Stochastic Processes	III/I	B.Tech
7	Electronic Circuits Analysis Lab	III/I	B.Tech
8	Computer Programming-II Lab	III/I	B.Tech
9	Gender Sensitization	III/I	B.Tech
10	Managerial Economics & Financial Analysis	III/II	B.Tech
11	Principles of Electrical Engineering	III/II	B.Tech
12	Pulse and Digital Circuits	III/II	B.Tech
13	Electromagnetic Theory and Transmission Lines	III/II	B.Tech
14	Signals and Systems	III/II	B.Tech
15	Digital Design Through Verilog HDL	III/II	B.Tech
16	Basic Simulation Lab	III/II	B.Tech
17	Electrical Engineering Lab	III/II	B.Tech
18	Human values and Professional ethics	III/II	B.Tech


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The Chairman of BoS for ECE Presented the list of lab experiments to be conducted for various service courses listed in Table 2


Table 2: Service Courses

S. No.	Course	Year/ Semester	Programme
1	Switching Theory & Logic Design	III/I	B.Tech(EEE)
2	Electronic Devices & Circuits	II/I	B.Tech(EEE)
3	Electronic Devices & Circuits Lab	III/I	B.Tech(EEE)
4	Electronic Circuits	II/II	B.Tech(EEE)
5	Electronic Devices and Circuits	III/I	B.Tech(CSE)
6	Electronic Devices and Electrical Circuits Lab	III/I	B.Tech(CSE)
7	Digital Logic Design	III/I	B.Tech(CSE)

Item No.3: The scheme of instruction under R-14 for B.Tech III and IV Years are discussed and finalized. The syllabi for B.Tech III and IV year , I and II Semester of R-14 is discussed and finalized.

Table 1: Core Courses.

S. No.	Course	Year/ Semester	Programme
1	Antennas and Wave Propagation	III/I	B.Tech
2	Analog Communications	III/I	B.Tech
3	IC Applications	III/I	B.Tech
4	Computer Organization	III/I	B.Tech
5	Electronic Measurements & Instrumentation	III/I	B.Tech
6	Control Systems Engineering	III/I	B.Tech
7	IC Applications Lab	III/I	B.Tech
8	Analog Communications Lab	III/I	B.Tech
9	Microprocessors & Microcontrollers	III/II	B.Tech
10	Digital Signal Processing	III/II	B.Tech
11	Digital Communications	III/II	B.Tech


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12	Managerial Economics And Financial Analysis	III/II	B.Tech
13	Microprocessors & Microcontrollers Lab	III/II	B.Tech
14	Digital Signal Processing Lab	III/II	B.Tech
15	Advanced English Language Communication Skills Lab	III/II	B.Tech
16	Microwave Engineering	IV/I	B.Tech
17	Management Science	IV/I	B.Tech
18	VLSI Design	IV/I	B.Tech
19	Computer Networks	IV/I	B.Tech
20	Microwave Engineering and Digital Communication Lab	IV/I	B.Tech
21	e-CAD & VLSI Lab	IV/I	B.Tech
22	Industry oriented mini project	IV/I	B.Tech
23	Seminar	IV/II	B.Tech
24	Major Project	IV/II	B.Tech
25	Comprehensive Viva	IV/II	B.Tech

Table 2: Electives

S. No.	Course	Year/ Semester	Programme
	Open Elective		
1	Nanotechnology	III/II	B.Tech
2	Industrial Electronics	III/II	B.Tech
	Elective-I		
3	DSP Processors & Architectures	IV/I	B.Tech
4	Optical Communications	IV/I	B.Tech
5	Digital Image Processing	IV/I	B.Tech
	Elective –II		
6	Neural networks & Fuzzy logic	IV/II	B.Tech
7	Satellite Communications	IV/I	B.Tech
8	Telecommunication switching Systems	IV/I	B.Tech
	Elective –III		
9	Cellular & Mobile Communications	IV/II	B.Tech
10	Biomedical signal processing	IV/II	B.Tech


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11	Embedded systems	IV/II	B.Tech
	Elective-IV		
12	Radar Systems	IV/II	B.Tech
13	RF System Design	IV/II	B.Tech
14	Cyber Security	IV/II	B.Tech
	Elective-V		
15	Wireless Communications & Networks	IV/II	B.Tech
16	Mixed IC Design	IV/II	B.Tech
17	DBMS	IV/II	B.Tech


Table 3: Service courses

S. No.	Course	Year/ Semester	Programme
1	IC Applications	III/I	B.Tech(EEE)
2	Switching Theory and Logic Design	III/I	B.Tech(EEE)
3	Computer Networks	III/I	B.Tech(CSE)
4	Micro Processors & Micro Controllers	IV/I	B.Tech(EEE)
5	Micro processors & Micro Controllers lab	IV/I	B.Tech(EEE)
6	VLSI Design	IV/I	B.Tech(EEE)
7	Digital Signal processing	IV/I	B.Tech(EEE)
8	Image Processing	IV/I	B.Tech(CSE)

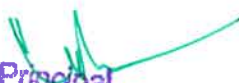
Item No.5: The scheme of Instruction under R-15 for M.Tech I and II years are discussed and finalized. The syllabus for M.Tech I and II-Year, I and II of R-15 is discussed and finalized Under the CBCS.

Table 1: Core Courses.

S. No.	Course	Year/ Semester	Programme
1	VLSI Technology and Design	I/I	M.Tech
2	CMOS Analog Integrated Circuit Design	I/I	M.Tech
3	CMOS Digital Integrated Circuit Design	I/I	M.Tech
	Core Elective-I	I/I	
4	Digital System Design	I/I	M.Tech


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5	Hardware Software Co-Design	I/I	M.Tech
6	Device Modeling	I/I	M.Tech
	Core Elective-II	I/I	
7	Advance Operating Systems	I/I	M.Tech
8	Micro Controllers for Embedded System Design	I/I	M.Tech
9	Advanced Computer Architecture	I/I	M.Tech
	Open Elective I	I/I	
10	CPLD and FPGA Architectures and Applications	I/I	M.Tech
11	Image and Video processing	I/I	M.Tech
12	Software Defined Radio	I/I	M.Tech
13	VLSI Laboratory – I	I/I	M.Tech
14	Seminar-I	I/I	M.Tech
15	Low Power VLSI Design	I/II	M.Tech
16	CMOS Mixed Signal Circuit Design	I/II	M.Tech
17	Design for Testability	I/II	M.Tech
	Core Elective-III	I/II	
18	Scripting Languages for VLSI	I/II	M.Tech
19	Digital Signal Processors and Architectures	I/II	M.Tech
20	VLSI Signal Processing	I/II	M.Tech
	Core Elective-IV	I/II	
21	Optimization Techniques in VLSI Design	I/II	M.Tech
22	System On Chip Architecture	I/II	M.Tech
23	Semiconductor Memory Design and Testing	I/II	M.Tech
	Open Elective II	I/II	
24	CAD for VLSI Circuits	I/II	M.Tech
25	Coding Theory and Techniques	I/II	M.Tech
26	Adhoc Wireless Networks	I/II	M.Tech
27	VLSI Laboratory – II	I/II	M.Tech
28	Seminar-II	I/II	M.Tech
29	Comprehensive Viva-	III/I	M.Tech


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	Voce		
30	Project work Review I	II/I	M.Tech
31	Project work Review II	II/II	M.Tech
32	Project Evaluation (Viva-Voce)	II/II	M.Tech


Chairman

**Board of studies
Department of ECE**


Principal

**Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206**



Minutes of 4th Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 09th MAR 2017

The 4th Board of Studies(BoS) meeting, Dept. of ECE, Anurag Engineering College, Ananthagiri(V&M), Suryapet (Dist), Telangana, is held on 09th Mar 2017 at 10:00 AM in the Anurag Engineering College, Kodad to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. B.B.M. Krishna kanth	Chairman	
2	Dr.M. Madhavalatha	JNTUH Nominee	
3	Prof. K. Kishan Rao	Member	9/3/17
4	Mr. K. Phani Sekhar	Member	
5	Dr. P. Laxminarayana	Member	09/03/2017
6	Mr. R. Raghavendra Rao	Member	9/3/17
7	Dr.S. Sathees Kumaran	Member	
8	Dr. B. Rajan	Member	
9	Dr. N.V.N. Ravi Kumar	Member	
10	Mr. M. Basha	Member	
11	Mr. V. Srinivasa Rao	Member	
12	Mr. Y. Chalapathi Rao	Member	
13	Mr. P. Ganesh	Member	


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Minutes of 4th Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 09th MAR 2017

1. The scheme of Instruction under R-15 for B. Tech III & IV Years are discussed and finalized as per the CBCS(Choice Based Credit System) guidelines.(A copy of scheme is enclosed)
2. The syllabus for B.Tech III and IV year, I and II semester of R-15 is discussed and finalized.
3. The syllabus for B.Tech ECE open electives (OE) of R-15 is discussed and finalized.
4. The scheme of instruction and syllabus under R-15 for M. Tech I & II years are continued for the A.Y. 2017-18.

Noted and Approved.


Chairman
Board of studies
Department of ECE


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Annexure-I

Item No.2: The syllabus for III and IV B.Tech (ECE)- I and II Semester.

The Chairman of Board of Studies (BOS) presented the scheme of Instruction under R-15 for B.Tech III&IV Years are discussed and finalized as per the CBCS (Choice Based Credit System) guidelines. The syllabus for III and IV B.Tech (ECE) – I and II Semester of R-15 is discussed and finalized.

Table 1: Core Courses

S. No.	Course	Year/Semester	Programme
1	Computer Organization and Operating System	III/I	B.Tech
2	Control Systems Engineering	III/I	B.Tech
3	Antennas & Wave Propagation	III/I	B.Tech
4	Analog Communications	III/I	B.Tech
6	Linear IC Applications	III/I	B.Tech
	PROFESSIONAL ELECTIVE - I	III/I	B.Tech
7	PC & IC Lab	III/I	B.Tech
8	Analog Communications Lab	III/I	B.Tech
9	Microprocessors and Microcontrollers	III/II	B.Tech
10	Management Science	III/II	B.Tech
11	Digital Communications	III/II	B.Tech
12	Digital Signal Processing	III/II	B.Tech
	PROFESSIONAL ELECTIVE - II	III/II	B.Tech


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	OPEN ELECTIVE - I	III/II	B.Tech
14	Digital Signal Processing Lab	III/II	B.Tech
15	Microprocessors and Microcontrollers Lab	III/II	B.Tech
16	Computer Networks	IV/I	B.Tech
17	Microwave Engineering	IV/I	B.Tech
18	VLSI Design	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - III	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - IV	IV/I	B.Tech
	OPEN ELECTIVE - II	IV/I	B.Tech
19	Advanced English Language Communication Skills Lab	IV/I	B.Tech
20	Microwave and Digital Communications Lab	IV/I	B.Tech
21	Mini Project	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - V	IV/II	B.Tech
	PROFESSIONAL ELECTIVE - VI	IV/II	B.Tech
	OPEN ELECTIVE - III	IV/II	B.Tech
22	Seminar	IV/II	B.Tech
23	Major Project	IV/II	B.Tech
24	Comprehensive Viva	IV/II	B.Tech



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Table 2: Service Courses

S. No.	Course	Year/Semester	Programme
1	Linear IC Applications	III/I	B.Tech(EEE)
2	Computer Organization	III/I	B.Tech(EEE)
3	Signals & Systems	III/I	B.Tech(EEE)
4	Microprocessors and Microcontrollers	III/II	B.Tech(CSE)
5	Computer Networks	III/II	B.Tech(CSE)
6	Microprocessors and Microcontrollers	IV/I	B.Tech(EEE)
7	Microprocessors and Microcontrollers Lab	IV/I	B.Tech(EEE)

Item No.3: The syllabus for B.Tech ECE open Electives (OE) of R-15 is discussed and finalized Under the CBCS.

Table 3: Professional Electives & Open Electives

S. No.	Course	Year/Semester	Programme
	Professional Elective-I		
1	Electronic Measurements & Instrumentation	III/I	B.Tech
2	Artificial Neural Networks	III/I	B.Tech
3	EMI/EMC	III/I	B.Tech
	Professional Elective-II		
4	Telecommunication switching Systems	III/II	B.Tech
5	Satellite Communications	III/II	B.Tech
6	Nanotechnology	III/II	B.Tech
	Open Elective-I		
7	Construction Materials	III/II	B.Tech
8	Waste Management	III/II	B.Tech
9	Solar Photovoltaic Systems	III/II	B.Tech
10	Maintenance of Electrical Systems	III/II	B.Tech
11	Advanced Engineering Materials	III/II	B.Tech
12	Mechatronics	III/II	B.Tech
13	Principles of Communication Systems	III/II	B.Tech
14	Electronic Measuring Instruments	III/II	B.Tech
15	Java Programming	III/II	B.Tech
16	Computer Networks	III/II	B.Tech
	Professional Elective-III		
9	Embedded Systems Design	IV/I	B.Tech
10	Biometric System	IV/I	B.Tech


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11	Optical Communications	IV/I	B.Tech
Professional Elective-IV			
12	Digital Signal Processors & Architectures	IV/I	B.Tech
13	Digital Image Processing	IV/I	B.Tech
14	Television Engineering	IV/I	B.Tech
Open Elective-II			
15	Disaster Management and Mitigation	IV/I	B.Tech
16	Geological Information System & Remote Sensing	IV/I	B.Tech
17	Energy Storage Systems	IV/I	B.Tech
18	Electrical Engineering Materials	IV/I	B.Tech
19	Power Plant Engineering	IV/I	B.Tech
20	Industrial Robotics	IV/I	B.Tech
21	Computer Organization	IV/I	B.Tech
22	Principles of Signal Processing	IV/I	B.Tech
23	Database Management Systems	IV/I	B.Tech
24	Web Technologies	IV/I	B.Tech
Professional Elective-V			
25	Cellular & Mobile Communications	IV/II	B.Tech
26	Radar Systems	IV/II	B.Tech
27	Network Security	IV/II	B.Tech
Open Elective-III			
28	Construction Technology and Project Management	IV/II	B.Tech
29	Safety Engineering	IV/II	B.Tech
30	Energy conservation and Audit	IV/II	B.Tech
31	Artificial Neural Networks	IV/II	B.Tech
32	Renewable Energy Sources	IV/II	B.Tech
33	Automobile Engineering	IV/II	B.Tech
34	Nanotechnology	IV/II	B.Tech
35	Biometric System	IV/II	B.Tech
36	Game Theory with Engineering Applications	IV/II	B.Tech
37	Software Engineering	IV/II	B.Tech
Professional Elective-VI			
38	Wireless Communications & Networks	IV/II	B.Tech
39	Internet of things	IV/II	B.Tech
40	Scripting Languages	IV/II	B.Tech


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Suryapet (Dt.), Telangana-508208

Item No.4: The scheme of Instruction and syllabus for M.Tech I and II-Years are continued for the A.Y.2017-18.

Table 1: Core Courses.

S. No.	Course	Year/ Semester	Programme
1	VLSI Technology and Design	I/I	M.Tech
2	CMOS Analog Integrated Circuit Design	I/I	M.Tech
3	CMOS Digital Integrated Circuit Design	I/I	M.Tech
	Core Elective-I	I/I	
4	Digital System Design	I/I	M.Tech
5	Hardware Software Co-Design	I/I	M.Tech
6	Device Modeling	I/I	M.Tech
	Core Elective-II	I/I	
7	Advance Operating Systems	I/I	M.Tech
8	Micro Controllers for Embedded System Design	I/I	M.Tech
9	Advanced Computer Architecture	I/I	M.Tech
	Open Elective I	I/I	
10	CPLD and FPGA Architectures and Applications	I/I	M.Tech
11	Image and Video processing	I/I	M.Tech
12	Software Defined Radio	I/I	M.Tech
13	VLSI Laboratory – I	I/I	M.Tech
14	Seminar-I	I/I	M.Tech
15	Low Power VLSI Design	I/II	M.Tech
16	CMOS Mixed Signal Circuit Design	I/II	M.Tech
17	Design for Testability	I/II	M.Tech
	Core Elective-III	I/II	



Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
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Item No.4: The scheme of Instruction and syllabus for M.Tech I and II-Years are continued for the A.Y.2017-18.

Table 1:


S. No.	Course	Year/ Semester	Programme
1	VLSI Technology and Design	I/I	M.Tech
2	CMOS Analog Integrated Circuit Design	I/I	M.Tech
3	CMOS Digital Integrated Circuit Design	I/I	M.Tech
	Core Elective-I	I/I	
4	Digital System Design	I/I	M.Tech
5	Hardware Software Co-Design	I/I	M.Tech
6	Device Modeling	I/I	M.Tech
	Core Elective-II	I/I	
7	Advance Operating Systems	I/I	M.Tech
8	Micro Controllers for Embedded System Design	I/I	M.Tech
9	Advanced Computer Architecture	I/I	M.Tech
	Open Elective I	I/I	
10	CPLD and FPGA Architectures and Applications	I/I	M.Tech
11	Image and Video processing	I/I	M.Tech
12	Software Defined Radio	I/I	M.Tech
13	VLSI Laboratory – I	I/I	M.Tech
14	Seminar-I	I/I	M.Tech
15	Low Power VLSI Design	I/II	M.Tech
16	CMOS Mixed Signal Circuit Design	I/II	M.Tech
17	Design for Testability	I/II	M.Tech
	Core Elective-III	I/II	


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18	Scripting Languages for VLSI	I/II	M.Tech
19	Digital Signal Processors and Architectures	I/II	M.Tech
20	VLSI Signal Processing	I/II	M.Tech
	Core Elective-IV	I/II	
21	Optimization Techniques in VLSI Design	I/II	M.Tech
22	System On Chip Architecture	I/II	M.Tech
23	Semiconductor Memory Design and Testing	I/II	M.Tech
	Open Elective II	I/II	
24	CAD for VLSI Circuits	I/II	M.Tech
25	Coding Theory and Techniques	I/II	M.Tech
26	Adhoc Wireless Networks	I/II	M.Tech
27	VLSI Laboratory – II	I/II	M.Tech
28	Seminar-II	I/II	M.Tech
29	Comprehensive Viva-Voce	II/I	M.Tech
30	Project work Review I	II/I	M.Tech
31	Project work Review II	II/II	M.Tech
32	Project Evaluation (Viva-Voce)	II/II	M.Tech


Chairman

**Board of studies
Department of ECE**


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-50826.



Minutes of 5th Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 28th AUG 2018

The 5th Board of Studies(BoS) meeting, Dept. of ECE, Anurag Engineering College, Ananthagiri(V&M), Suryapet (Dist), Telangana, is held on 28th Aug 2018 at 10:00 AM in the Anurag Engineering College, Kodad to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. V. Srinivasa Rao	Chairman	
2	Dr.M. Madhavilatha	JNTUH Nominee	
3	Prof. K. Kishan Rao	Member	
4	Mr. K. Phani Sekhar	Member	
5 *	Dr. P. Laxminarayana	Member	
6	Mr. R. Raghavendra Rao	Member	
7	Dr.S. Sathees Kumaran	Member	
8	Dr. B. Rajan	Member	
9	Dr. N.V.N. Ravi Kumar	Member	
10	Dr. B.B.M. Krishna kanth	Member	
11	Mr. M. Basha	Member	
12	Mr. L. Hariprasad	Member	
13	Mr. P. Ganesh	Member	

Dr. P. LAXMINARAYANA gave the suggestions/ comments through phone and signed later for approval 28/08/2018

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Suryapet (Dt), Telangana-508206

Minutes of 5th Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 28th Aug 2018

Item No. 1: Proposal of Course Structure and Syllabus for I B.Tech (ECE) I and II Semester (R18) and Approval

The Chairman presented the course structure for I B.Tech (ECE) I and II semester along with syllabus of respective courses (Refer Annexure-I).

Resolution (1) : The members approved the course structure and syllabus to be taught for I B.Tech (ECE) I and II semester after critical discussion.

Noted and Approved.

Item No. 2: Proposal of Substitute subjects for B.Tech (ECE) Program under R14 who are re-admitted in R15 and approval.

The Chairman presented the list of laboratories in R14 and R15 (Refer Annexure-II). The Chairman informed the members that the students who studied R14 regulation upto III-II and readmitted in IV-I in R15 regulation, one laboratory fall deficient in IV-I under R15 regulation as all the laboratories are completed in R14 regulation upto III-II. He proposed e-cad & VLSI lab of R14 as substitute laboratory in place of Advanced English Language Communication Skills Lab offered in IV-I of R15.

Resolution (2): The members approved the e-cad & VLSI Lab of R14 as the Substitute laboratory in place of Advanced English Language Communication Skills Lab offered in IV-I of R15 for the students of R14 regulation readmitted in R15 regulation.

Noted and Approved.


Chairman
Board of studies
Department of ECE


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Suryapet (Dt.), Telangana-508206

Annexure-I

Item No. 1: Proposal of course structure and syllabus for I B.Tech (ECE) I and II Semester (R18) and approval.

Table 1:

S. No.	Course	Year/ Semester	Programme
1	Mathematics - I	I/I	B.Tech
2	Applied Physics	I/I	B.Tech
3	Basic Electrical Engineering	I/I	B.Tech
4	Programming for Problem Solving - I	I/I	B.Tech
5	Engineering Graphics	I/I	B.Tech
6	English Language Communication Skills Lab - I	I/I	B.Tech
7	Programming for Problem Solving - I Lab	I/I	B.Tech
8	Applied Physics Lab	I/I	B.Tech
9	Basic Electrical Engineering Lab	I/I	B.Tech
10	Mathematics - II	I/II	B.Tech
11	Engineering Chemistry	I/II	B.Tech
12	English	I/II	B.Tech
13	Programming for Problem Solving - II	I/II	B.Tech
14	Engineering Chemistry Lab	I/II	B.Tech
15	Engineering Workshop	I/II	B.Tech
16	Programming for Problem Solving - II Lab	I/II	B.Tech
17	English Language Communication Skills Lab - II	I/II	B.Tech


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Annexure-I

Item No.2: Proposal of Substitute subjects for students who are re-admitted in II, III & IV B.Tech I and II Semester into R-15 regulations and approval.

Table 1: The Substitute subjects for students who are re-admitted in II B.Tech I and II Semester in R-15 regulation.

S.No.	Semester	R14 Course Title	R15 Course Title (Substitute subject)
1	I	NIL	NIL
5	II	NIL	NIL

Table 2: The Substitute subjects for students who are re-admitted in III B.Tech I and II Semester in R-15 regulation

S.No.	Semester	R14 Course Title	R15 Course Title (Substitute subject)
1	I	NIL	NIL
2	II	NIL	NIL

Table 3: The Substitute subjects for students who are re-admitted in IV B.Tech I and II Semester in R-15 regulation.

S.No.	Semester	R14 Course Title	R15 Course Title (Substitute subject)
1	I	Advanced English Language Communication Skills Lab	e-CAD &VLSI Lab
2	II	NIL	NIL



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ANNEXURE-II

List of Subjects(Practical) in R14 and R15

Year/Sem	Name of the Subjects(Practical)R14	Name of the Subjects(Practical)R15
I/I	1.English Language Communication Skills Lab-I 2.Computer Programming –I Lab 3.Engineering Physics Lab 4.Engineering Workshop	1.English Language Communication Skills Lab-I 2.Computer Programming –I Lab 3.Engineering Physics Lab 4.Engineering Workshop
I/II	1.English Language Communication Skills Lab-II 2. Electronic Devices and Circuits Lab 3.Engineering Physics Lab 4.IT Workshop	1.English Language Communication Skills Lab-II 2. Engineering Physics Lab 3.IT Workshop 4.Electronic Devices and Circuits Lab
II/I	1. Electronic Circuits Analysis Lab 2.Computer Programming –II Lab	1.Computer Programming –II Lab 2.Electronic Circuits Analysis Lab
II/II	1.Pulse Digital Circuits Lab 2.Basic Simulation Lab 3.Principles of Electrical Engineering Lab	1.Electrical Engineering Lab 2.Basic Simulation Lab
III/I	1.IC Applications Lab 2.Analog Communications Lab	1.PC & IC Lab 2.Analog Communications Lab
III/II	1.Microprocessors & Microcontrollers Lab 2.Digital Signal Processing Lab 3.Advanced English Language Communication Skills Lab	1. Digital Signal Processing Lab 2.Microprocessors & Microcontrollers Lab
IV/I	1.Microwave Engineering and Digital Communication Lab 2.e-CAD & VLSI Lab	1.Advanced English Language Communication Skills Lab 2.Microwave Engineering and Digital Communication Lab


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Minutes of 6th Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 9th FEB 2019

The 6th Board of Studies(BoS) meeting, Dept. of ECE, Anurag Engineering College, Ananthagiri(V&M), Suryapet (Dist), Telangana, is held on 9th Feb 2019 at 10:00 AM in the Anurag Engineering College, Kodad to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. V. Srinivasa Rao	Chairman	
2	Dr.M. Madhavalatha	JNTUH Nominee	
3	Prof. K. Kishan Rao	Member	
4	Mr. K. Phani Sekhar	Member	
5	Dr. P. Laxminarayana	Member	
6	Mr. R. Raghavendra Rao	Member	
7	Dr.S. Sathees Kumaran	Member	
8	Dr.B. Rajan	Member	
9	Dr.N.V.N. Ravi Kumar	Member	
10	Dr.B.B.M. Krishna kanth	Member	
11	Mr.M. Basha	Member	
12	Mr.L. Hariprasad	Member	
13	Mr. P. Ganesh	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 6th Board of Studies (BoS) Meeting in Department of Electronics
and Communication Engineering held on 9th FEB 2019

Item No. 1: Proposal of Course Structure (R18) of II, III & IV B.Tech I and II Sem and Approval

The Chairman presented the R18 course structure for II, III & IV B.Tech I and II semester (Annexure-I).

Resolution (1) : The members approved the R18 course structure for II, III & IV B.Tech I and II semester.

Noted and Approved.

Item No. 2: Proposal of Syllabus for II B.Tech I and II Semester (R18) and approval.

The Chairman presented the syllabus of II B.Tech I and II Sem (R18) courses (Annexure-II).

Resolution (2): The members approved the syllabus of II B.Tech I and II Sem (R18) courses.

Noted and Approved.

Item No. 3: Proposal of Substitute Subjects for students who re-admitted in II B.Tech I and II Semester into R18 regulations and approval.

The Chairman presented the substitute subjects for students who re-admitted in II B.Tech I and II Semester into R18 regulations who admitted in R14/R15 regulations (Annexure-III).

Resolution (3): The members approved the substitute subjects for students who re-admitted in II B.Tech I and II Semester (R18).

Noted and Approved.



Chairman
Board of studies
Department of ECE




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Annexure-I

Item No.1: Proposal of Course Structure (R18) of II, III & IV B.Tech (ECE) I and II discussed and approval Under the CBCS.

Table 1: Core Courses

S. No.	Course	Year/ Semester	Programme
1	Mathematics – III	II/I	B.Tech
2	Environmental Studies	II/I	B.Tech
3	Electronic Devices and Circuits	II/I	B.Tech
4	Probability Theory and Stochastic Processes	II/I	B.Tech
5	Signals and Systems	II/I	B.Tech
6	Switching Theory and Logic Design	II/I	B.Tech
7	Electronic Devices and Circuits Lab	II/I	B.Tech
8	Basic Simulation Lab	II/I	B.Tech
9	Gender Sensitization	II/I	B.Tech
10	Mathematics – IV	II/I	B.Tech
11	Control Systems	II/II	B.Tech
12	Electromagnetic Theory and Transmission Lines	II/II	B.Tech
13	Electronic Circuits & Analysis	II/II	B.Tech
14	Analog Communications	II/II	B.Tech
15	Pulse and Digital Circuits	II/II	B.Tech
16	Analog Communications Lab	II/II	B.Tech
17	Electronic & Pulse Circuits Lab	II/II	B.Tech
18	Human values and Professional Ethics	II/II	B.Tech
19	Antennas and Wave Propagation	III/I	B.Tech
20	Digital Communications	III/I	B.Tech
21	Linear and Digital IC Applications	III/I	B.Tech
22	Computer Organization and Architecture	III/I	B.Tech
23	Microprocessors and Microcontrollers	III/I	B.Tech
	PROFESSIONAL ELECTIVE - I		
24	Artificial Neural Networks	III/I	B.Tech
25	Electronic Measurements & Instrumentation	III/I	B.Tech
26	Java Programming	III/I	B.Tech


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27	Advanced English Communication Skills Lab	III/I	B.Tech
28	Microprocessors and Microcontrollers Lab	III/I	B.Tech
29	Linear and Digital IC Applications Lab	III/I	B.Tech
30	Constitution of India	III/I	B.Tech
31	Managerial Economics and Financial Analysis	III/II	B.Tech
32	Microwave Engineering	III/II	B.Tech
33	Computer Networks	III/II	B.Tech
34	Digital Signal Processing	III/II	B.Tech
	PROFESSIONAL ELECTIVE - II		
35	Telecommunication Switching Systems	III/II	B.Tech
36	Television Engineering	III/II	B.Tech
37	Nano Materials and Technology	III/II	B.Tech
	OPEN ELECTIVE - I		
38	Construction Materials	III/II	B.Tech
39	Waste Management	III/II	B.Tech
40	Solar Photovoltaic Systems	III/II	B.Tech
41	Electrical Power Generation Systems	III/II	B.Tech
42	Advanced Engineering Materials	III/II	B.Tech
43	Introduction to Automobile Engineering	III/II	B.Tech
44	Principles of Communications	III/II	B.Tech
45	Basic Electronic Circuits Simulation & Design	III/II	B.Tech
46	Software Engineering	III/II	B.Tech


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47	Database Management Systems	III/II	B.Tech
48	Microwave Engineering and Digital Communications Lab	III/II	B.Tech
49	Digital Signal Processing Lab	III/II	B.Tech
50	Intellectual Property Rights	III/II	B.Tech
51	Management Science	IV/I	B.Tech
52	VLSI Design	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - III		
53	Embedded Systems Design	IV/I	B.Tech
54	Optical Communications	IV/I	B.Tech
55	Biometric System	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - IV		
56	Digital Image Processing	IV/I	B.Tech
57	Satellite Communications	IV/I	B.Tech
58	Network Security	IV/I	B.Tech
	OPEN ELECTIVE - II		
44	Principles of Signal Processing	IV/I	B.Tech
45	Nano Materials and Technology	IV/I	B.Tech
46	E- CAD AND VLSI Design Lab	IV/I	B.Tech
47	MINIPROJECT EVALUATION	IV/I	B.Tech
48	PROJECT STAGE-I	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - V		
49	Cellular & Mobile Communications	IV/II	B.Tech
50	Internet of Things	IV/II	B.Tech
51	DSP Processors & Architectures	IV/II	B.Tech
	PROFESSIONAL ELECTIVE - VI		
52	Scripting Languages		
53	Radar Systems	IV/II	B.Tech
54	Wireless Communications & Networks	IV/II	B.Tech
	OPEN ELECTIVE - III		
55	Fundamentals of Embedded Systems	IV/II	B.Tech
56	Biometric Systems	IV/II	B.Tech
57	Seminar	IV/II	B.Tech
58	Project Stage-II	IV/II	B.Tech


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Table 2: Service Courses

S. No.	Course	Year/ Semeste	Programme
1	Electronic Devices and Circuits	II/I	B.Tech(EEE)
2	Electronic Devices and Circuits Lab	II/I	B.Tech(EEE)
3	Electronic Devices and Circuits	II/I	B.Tech(CSE)
4	Electronic Devices and Circuits Lab	II/I	B.Tech(CSE)
5	Digital Logic Design	II/I	B.Tech(CSE)
6	Analog Electronic Circuits	II/II	B.Tech(EEE)
7	Switching Theory and Logic Design	II/II	B.Tech(EEE)
8	Computer Networks	III/I	B.Tech(CSE)
9	Linear and Digital IC Applications	III/I	B.Tech(EEE)
10	Microprocessors and Microcontrollers	III/I	B.Tech(CSE)
11	Computer Organization	III/I	B.Tech(EEE)
12	Microprocessors and Microcontrollers	III/II	B.Tech(EEE)
13	Signals & Systems	III/II	B.Tech(EEE)
14	Microprocessors and Microcontrollers Lab	IV/I	B.Tech(EEE)
15	Digital Signal Processing	IV/II	B.Tech(EEE)


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Item No.2: Proposal of Syllabus for II B.Tech (ECE) I and II Semester (R18) discussed and approval.

Table 1:

S. No.	Course	Year/ Semester	Programme
1	Electronic Devices and Circuits	II/I	B.Tech
2	Probability Theory and Stochastic Processes	II/I	B.Tech
3	Signals and Systems	II/I	B.Tech
4	Switching Theory and Logic Design	II/I	B.Tech
5	Electronic Devices and Circuits Lab	II/I	B.Tech
6	Basic Simulation Lab	II/I	B.Tech
7	Gender Sensitization	II/I	B.Tech
8	Electromagnetic Theory and Transmission Lines	II/II	B.Tech
9	Electronic Circuits & Analysis	II/II	B.Tech
10	Analog Communications	II/II	B.Tech
11	Pulse and Digital Circuits	II/II	B.Tech
12	Analog Communications Lab	II/II	B.Tech
13	Electronic & Pulse Circuits Lab	II/II	B.Tech
14	Human values and Professional Ethics	II/II	B.Tech

Table 2: Service Courses

S. No.	Course	Year/ Semester	Programme
1	Electronic Devices and Circuits	II/I	B.Tech(EEE)
2	Electronic Devices and Circuits Lab	II/I	B.Tech(EEE)
3	Electronic Devices and Circuits	II/I	B.Tech(CSE)
4	Electronic Devices and Circuits Lab	II/I	B.Tech(CSE)
5	Digital Logic Design	II/I	B.Tech(CSE)
6	Analog Electronic Circuits	II/II	B.Tech(EEE)
7	Switching Theory and Logic Design	II/II	B.Tech(EEE)


Chairman

Board of studies
Department of ECE


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Ananthagiri (V&M), Kodad,
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Minutes of 7th Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 11th NOV 2019

The 7th Board of Studies (BoS) meeting, Dept. of ECE, Anurag Engineering College, Ananthagiri(V&M), Suryapet (Dist), Telangana, is held on 11th NOV 2019 at 10:00 AM at Sri Sai Degree College, Dilsukhnagar, Hyderabad to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. V. Srinivasa Rao	Chairman	
2	Dr. L. Pratap Reddy	JNTUH Nominee	
3	Prof. K. Kishan Rao	Member	
4	Mr. K. Phani Sekhar	Member	
5	Dr. P. Laxminarayana	Member	
6	Mr. A. Hari Haran	Member	
7	Dr.S.Sathees Kumaran	Member	
8	Dr. B.Rajan	Member	
9	Mr.CH. Uday Bhaskar	Member	
10	Mrs.V.Varalaxmi	Member	
11	Mr. M.Basha	Member	
12	Mr. L.Hariprasad	Member	
13	Mr. P. Ganesh	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 7th Board of Studies (BoS) Meeting in Department of Electronics and Communication Engineering held on 11th NOV 2019

Item No. 1: Proposal of (R18) syllabus for III & IV B.Tech I and II Sem and Approval

The Chairman presented the R18 syllabus for III & IV B.Tech I and II semester (Annexure-I).

Resolution (1) : The members approved the R18 syllabus for III & IV B.Tech I and II semester.

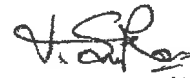
Noted and Approved.

Item No. 2: Proposal of Substitute Subjects for students who re-admitted in II,III & IV B.Tech I and II Semester into R18 regulations and approval.

The Chairman presented the substitute subjects for students who re-admitted in II,III&IV B.Tech I and II Semester into R18 regulations who admitted in R14/R15 regulations (Annexure-II).

Resolution (3): The members approved the substitute subjects for students who re-admitted in II,III&IV B.Tech I and II Semester (R18).

Noted and Approved.



**Chairman
Board of studies
Department of ECE**




**Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508208**

Annexure-I

Item No. 1: Proposal of (R18) syllabus for III & IV B.Tech I and II Semester discussed and approval Under the CBCS.

Table 1:

S. No.	Course	Year/ Semester	Programme
1	Antennas and Wave Propagation	III/I	B.Tech
2	Digital Communications	III/I	B.Tech
3	Linear and Digital IC Applications	III/I	B.Tech
4	Computer Organization and Architecture	III/I	B.Tech
5	Microprocessors and Microcontrollers	III/I	B.Tech
	PROFESSIONAL ELECTIVE - I		
6	Artificial Neural Networks	III/I	B.Tech
7	Electronic Measurements & Instrumentation	III/I	B.Tech
8	Java Programming	III/I	B.Tech
9	Microprocessors and Microcontrollers Lab	III/I	B.Tech
10	Linear and Digital IC Applications Lab	III/I	B.Tech
11	Constitution of India	III/I	B.Tech
12	Microwave Engineering	III/II	B.Tech
13	Computer Networks	III/II	B.Tech
14	Digital Signal Processing	III/II	B.Tech
	PROFESSIONAL ELECTIVE - II		
15	Telecommunication Switching Systems	III/II	B.Tech
16	Television Engineering	III/II	B.Tech
17	Nano Materials and Technology	III/II	B.Tech
	OPEN ELECTIVE - I		
18	Principles of Communications	III/II	B.Tech
19	Basic Electronic Circuits Simulation & Design	III/II	B.Tech


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20	Microwave Engineering and Digital Communications Lab	III/II	B.Tech
21	Digital Signal Processing Lab	III/II	B.Tech
22	Intellectual Property Rights	III/II	B.Tech
23	VLSI Design	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - III		
24	Embedded Systems Design	IV/I	B.Tech
25	Optical Communications	IV/I	B.Tech
26	Biometric System	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - IV		
27	Digital Image Processing	IV/I	B.Tech
28	Satellite Communications	IV/I	B.Tech
29	Network Security	IV/I	B.Tech
	OPEN ELECTIVE - II		
30	Principles of Signal Processing	IV/I	B.Tech
31	Nano Materials and Technology	IV/I	B.Tech
32	E- CAD AND VLSI Design Lab	IV/I	B.Tech
33	MINIPROJECT EVALUATION	IV/I	B.Tech
34	PROJECT STAGE-I	IV/I	B.Tech
	PROFESSIONAL ELECTIVE - V		
35	Cellular & Mobile Communications	IV/II	B.Tech
36	Internet of Things	IV/II	B.Tech
37	DSP Processors & Architectures	IV/II	B.Tech
	PROFESSIONAL ELECTIVE - VI		
38	Scripting Languages		
39	Radar Systems	IV/II	B.Tech
40	Wireless Communications & Networks	IV/II	B.Tech
	OPEN ELECTIVE - III		
41	Fundamentals of Embedded Systems	IV/II	B.Tech
42	Biometric Systems	IV/II	B.Tech
43	Seminar	IV/II	B.Tech
44	Project Stage-II	IV/II	B.Tech


Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Table 2: Service Courses

S. No.	Course	Year/ Semester	Programme
1	Computer Networks	III/I	B.Tech(CSE)
2	Linear and Digital IC Applications	III/I	B.Tech(EEE)
3	Microprocessors and Microcontrollers	III/I	B.Tech(CSE)
4	Computer Organization	III/I	B.Tech(EEE)
5	Microprocessors and Microcontrollers	III/II	B.Tech(EEE)
6	Signals & Systems	III/II	B.Tech(EEE)
7	Microprocessors and Microcontrollers Lab	IV/I	B.Tech(EEE)
8	Digital Signal Processing	IV/II	B.Tech(EEE)


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ANNEXURE-III

The substitute subjects for the students who re-admitted in II B.Tech I & II Semester in R18 Regulation:

S.No	Year/Semester	R14/R15 Course Title	R18 Course Title (Substitute Subject)
1	II / I	Mathematics - III	Basic Electrical Engineering
2		Electronic Devices and Circuits	Programming for Problem Solving - II
3		Electronic Devices and Circuits Lab	Programming for Problem Solving - II Lab
1	II / II	Mathematics - IV	Basic Electrical Engineering
2		Electronic Circuit Analysis	Signals & Systems



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Anurag Engineering College
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Suryapet (Dt), Telangana-508206

Item No.2: Proposal of Substitute subjects for students who are re-admitted in II, III & IV B.Tech I and II Semester into R-18 regulations and approval.

Table 1: The Substitute subjects for students who are re-admitted in II B.Tech I and II Semester in R-18 regulation.

S.No.	Semester	R14/R15 Course Title	R18 Course Title (Substitute subject)
1	I	Mathematics -III	Basic Electrical Engineering
2		Electronic Devices and Circuits	Programming for Problem Solving - II
3		Electronic Devices and Circuits Lab	Programming for Problem Solving – II Lab
4	II	Mathematics – IV	Basic Electrical Engineering
5		Electronic Circuits & Analysis	Signals and Systems

Table 2: The Substitute subjects for students who are re-admitted in III B.Tech I and II Semester in R-18 regulation


S.No.	Semester	R14/R15 Course Title	R18 Course Title (Substitute subject)
1	I	NIL	NIL
2	II	Managerial Economics and Financial Analysis	Digital Communications

Table 3: The Substitute subjects for students who are re-admitted in IV B.Tech I and II Semester in R-18 regulation.

S.No.	Semester	R14/R15 Course Title	R18 Course Title (Substitute subject)
1	I	Management Science	Microwave Engineering/Computer Networks
2	II	NIL	NIL


Chairman

Board of studies
Department of ECE


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



Minutes of 1st Board of Studies (BoS) Meeting in Department of Computer Science and Engineering held on 27th August 2014

The 1st Board of Studies(BoS) meeting, Dept. of CSE, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 27th August 2014 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. M.V. Siva Prasad	Chairman	
2	Prof. V. Kamakshi Prasad	JNTU Nominee	
3	Dr. D V L N Somyajulu	Member	
4	Dr. N. Satyanarayana,	Member	
5	Prof. P.Krishna Reddy	Member	
6	Dr.K. Sudheer Reddy	Member	
7	Dr. P. Subba Reddy	Member	
8	Dr. Suman Bhattacharya	Member	
9	Mr. G.Srinivasa Rao	Member	
10	Mr. Y.V.R.Naga Pawan	Member	
11	Mr. G.V.S.Ch.S.L.V.Prasad	Member	
12	Mr. Sk.Janimiya	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 1st Board of Studies (BoS) Meeting in Department of Computer Science and Engineering held on 27th August 2014

Item No. 1: Proposal of Course Structure and Syllabus for I B.Tech (CSE) I and II Semester and I M.Tech (CSE,WT) I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the course structure for I B.Tech (CSE) – I and II semester and syllabus for following Courses in the Annexure-I.

Table 1:

S.No.	Name of the Course (Theory)	Year / Semester	Programme
1	Computer Programming-I	I / I	B.Tech
2	Computer Programming-II	I / II	B.Tech

The Chairman also presented the course structure for I M.Tech (CSE, WT) I and II semester along with syllabus of respective courses (Annexure-II). The Members elaborately discussed existing I B.Tech (CSE) course structure of affiliating university, JNTUH, ^{and} with the proposed course structure. The Chairman informed the members that the affiliating university, JNTUH, course structure and syllabus ^{may} ~~will~~ be followed for M.Tech Programmes.

The Chairman of BoS for CSE presented the list of lab experiments (Annexure – I) to be conducted for various laboratory courses listed in Table 2.

Table 2:

S.No.	Name of the Lab	^{Year} Sem	Programme
1	Computer Programming -I		B.Tech
2	Computer Programming -II		B.Tech
3	IT Workshop		B.Tech

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for I B.Tech (CSE) I and II Semester and also approved the course structure and Syllabus for I M.Tech (CSE, WT) I and II Semester

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a ^{year} semester for the labs mentioned in Table 2.

Noted and Approved.


 Principal
 Anurag Engineering College
 Ananthagiri (V&M), Kodad,
 Jiryapet (Dt.), Telangana-508206

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-III) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of I B.Tech- I & II semesters and I M.Tech- I & II semesters for the A.Y.2014-15.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

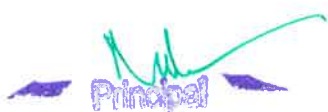
Noted and Approved.



Chairman

Board of Studies


Department of CSE



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Ananthagiri (V&M), Kooda,
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Annexure - III

PG	Internal		End Semester	Total
	Mid Term I (40 Marks) Duration 120 Minutes	Mid Term II (40 marks) Duration 120 Minutes		
Theory	Assignment (10 Marks) To be submitted before the start date of Mid Term - I Examinations	Assignment (10 Marks) To be submitted before the start date of Mid Term - II Examinations	60 Marks Duration: 180 Minutes	100
	7 th Week of Instruction	14 th Week of Instruction		
	Subjective Test (30 Marks)	Subjective Test (30 Marks)		
	8 th of Instruction	15 th Week of Instruction		
	Unit-I, Unit-II and 50% of Unit-III			
	Average of Mid-I and Mid-II shall be considered			
Lab	Mid Term I (40 Marks) Duration 150 Minutes	Mid Term II (40 marks) Duration 150 Minutes	60 Marks Duration: 180 Minutes	100
	Day to Day Evaluation (25 Marks)	Day to Day Evaluation (25 Marks)		
	Practical Test (15 Marks)	Practical Test (15 Marks)		
	7 th Week	14 th Week		
	First 50% of Experiments			
	Remaining 50% of Experiments			
	Average of Mid-I and Mid-II shall be considered			


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Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-50820C

Annexure - III

UG	Internal		End Semester	Total
Theory	Mid Term I (25 Marks) Duration 90 Minutes	Mid Term II (25 marks) Duration 90 Minutes	75 Marks Duration: 180 Minutes	100 Marks
	Assignment (5 Marks) To be submitted before the start date of Mid Term - I Examinations	Assignment (5 Marks) To be submitted before the start date of Mid Term - II Examinations		
	7 th Week of Instruction	14 th Week of Instruction		
	Unit-I, Unit-II and 50% of Unit-III	15 th Week of Instruction		
Average of Mid-I and Mid-II shall be considered		Remaining 50 % of Unit-III, Unit-IV and Unit-V		
Lab	Mid Term I (25 Marks) Duration 150 Minutes	Mid Term II (25 marks) Duration 150 Minutes	50 Marks Duration: 180 Minutes	75
	Day to Day Evaluation (15 Marks)	Day to Day Evaluation (15 Marks)		
	Practical Test (10 Marks)	Practical Test (10 Marks)		
	7 th Week	14 th Week		
First 50% of Experiments		Remaining 50% of Experiments		
Average of Mid-I and Mid-II shall be considered				


 Principal
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 Ananthagiri (V&M), Kodad,
 Suryapet (Dt.), Telangana-508206

Annexure - III

UG End Semester Question Paper Pattern			
Theory	Mid Term1	Assignment Subjective Test	Unit-I, Unit-II and 50% of Unit-III Part - A : 5 Marks (All) Part - B : 15 Marks (3 out of 5) or (3 questions with Internal Choice)
	Mid Term2	Assignment Subjective Test	Unit-3: 1 Question remaining 50% of Unit-3 Unit - 4 & 5: 2 Questions Each Part - A : 5 Marks (All) Part - B : 15 Marks (3 out of 5) or (3 questions with Internal Choice)
	End Semester	---	Part-A : 25 Marks (All questions to Answer) Part-B : 50 Marks (5 questions with Internal Choice from each Unit and each carries 10 Marks)

PG End Semester Examination Question Paper Pattern			
Theory	Mid Term1	Assignment Subjective Test	Unit-1 & 2: 2 Questions each Unit - 3: 1 Question from 50% of Unit-3 Part - A : 12 Marks - Six Questions, two questions from each unit (Answer All) Part - B : 18 Marks (3 out of 5) - Each question carries 6 marks.
	Mid Term2	Assignment Subjective Test	Unit-3: 1 Question remaining 50% of Unit-3 Unit - 4 & 5: 2 Questions Each Part - A : 12 Marks - Six Questions, two questions from each unit (Answer All) Part - B : 18 Marks (Answer 3 out of 5) - Each question carries 6 marks.
	End Semester	---	Part-A : 20 Marks - 10 Questions (Two from each Unit) Part-B: 40 Marks (5 questions with Internal Choice one question from each Unit and each question carries 8 Marks)


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Ananthagiri (V&M), Kodad,
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(Dr. N. Satyanarayana)



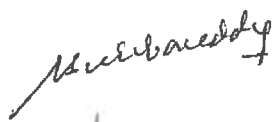
(Dr. K. SUDHEER REDDY)



(Prof. V. Kamakeshi Prasad)



(Prof. P. Krishna Reddy)



(Prof. P. Subba Reddy)

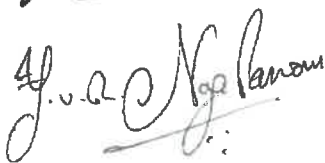


Prof. DVLV Somayajulu

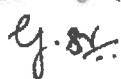
27/8/14 10:00PM.



(Dr. Sunil Bhattacharya)



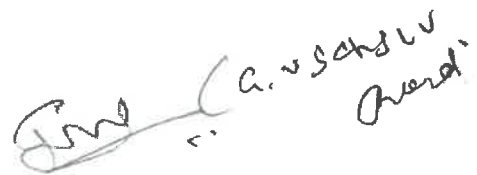
(G. S. N. Naga Prasad)



(G. S. N. Naga Prasad)



(SK. Jananiya)

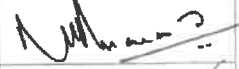

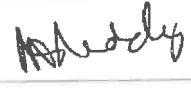
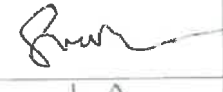

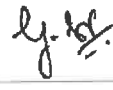







Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 2nd Board of Studies (BoS) Meeting in Department of Computer Science and Engineering held on 13th June 2015


The 2nd Board of Studies(BoS) meeting, Dept. of CSE, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 13th June 2015 at 10:00 hrs in the Corporate office, Anurag Group of Institutions, Hyderabad to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. M.V. Siva Prasad Principal, Prof. of Comp.Sci.&Engg.,Anurag Engineering College,Kodad.	Chairman	
2	Prof. V. Kamakshi Prasad Prof. of Comp.Sci.&Engg.,JNTUH,kukatpally.	JNTU Nominee	
3	Dr. D V L N Somyajulu Prof. of Comp.Sci.&Engg.,NIT, Warnagal.	Member	
4	Dr. N. Satyanarayana Principal, Nagole Insitute of Technology, Hyd.	Member	
5	Prof. P.Krishna Reddy Prof,IIIT Hyd.	Member	
6	Dr.K. Sudheer Reddy Principal Consultant, E& R Division, Infosys,Hyd.	Member	
7	Dr.V.Vijaya Kumar Prof.of Comp Sci&Engineering,AGI,Hyderabad.	Member	
8	Dr. Suman Bhattacharya Software Engineer,TCS, Bhubaneswar.	Member	
9	Mr. G.Srinivasa Rao Assoc.Prof. of Comp.Sci.&Engg.,Anurag Engineering College,Kodad.	Member	
10	Mr. Y.V.R.Naga Pawan Assoc.Prof. of Comp.Sci.&Engg.,Anurag Engineering College,Kodad.	Member	
11	Mr. G.V.S.Ch.S.L.V.Prasad Assoc.Prof. of Comp.Sci.&Engg.,Anurag Engineering College,Kodad.	Member	
12	Mr. Sk.Janimiya Software Engineer, Mahindra Satyam,Hyd.	Member	

The following member(s) who expressed their inability to attend the meeting:

1. Dr.Suman Battacharya

:: 1 ::


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 2nd Board of Studies (BoS) Meeting in Department of Computer Science and Engineering held on 13th June 2015

Item No. 1: Condolence to Prof.P.Subba Reddy, former BoS Member

The Chairman informed all the members about sudden demise of Prof.P.Subba Reddy, former BoS Member. All the members mourned for 2 minutes. The Chairman recollected the services of Prof.P.Subba Reddy.

Noted.

Item No. 2: Introduce of new BoS member Dr.V.Vijay kumar to the BoS members

The Chairman of Board of Studies (BoS) introduced Dr.V.Vijay Kumar to the BoS members

Item No. 3: Proposal of Course Structure and Syllabus for II B.Tech (CSE) I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the course structure for II B.Tech (CSE) – I and II semester and syllabus for following Courses in the Annexure-I.

Table 1:

S.No.	Name of the Course (Theory)	Year / Semester	Programme
1	Data Structures	II / I	B.Tech (CSE)
2	Object Oriented Programming	II / I	B.Tech (CSE)
3	Discrete Mathematics	II / I	B.Tech (CSE)
4	Formal Languages and Automata Theory	II / II	B.Tech (CSE)
5	Database Management Systems	II / II	B.Tech (CSE)
6	Software Engineering	II / II	B.Tech (CSE)
7	Java Programming	II / II	B.Tech (CSE)
8	Computer Organization	II / II	B.Tech (ECE)

The Members elaborately discussed existing II B.Tech (CSE) course structure of affiliating university, JNTUH, with the proposed course structure and syllabus (Annexure-I).

The Chairman of BoS for CSE presented the list of lab experiments (Annexure – II) to be conducted for various laboratory courses listed in Table 2.

Table 2:

S.No.	Name of the Lab	Year/Sem	Programme
1	Data Structures & C++ Lab	II/I	B.Tech
2	Java Programming Lab	II/II	B.Tech
3	Database Management systems lab	II/II	B.Tech

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The Chairman informed the members the syllabus approved for the courses in the First BoS as per Table 3 are followed for the coming academic years ie from 2015-16, until further revisions are made to those courses.

Table 3:

S.No.	Name of the Course	Year / Semester	Programme
1	Computer Programming – I	I / I	Common to all B.Tech Programmes
2	Computer Programming – II	I / II	B.Tech (CSE, EEE, Mech, Civil)
3	Computer Programming – I Lab	I / I	Common to all B.Tech Programmes
4	Computer Programming – II Lab	I / II	B.Tech (CSE, EEE, Mech, Civil)

The Chairman informed the members that the affiliating university, JNTUH, course structure and syllabus will be followed for M.Tech Programmes.

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for II B.Tech (CSE) I and II Semester

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the II B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Resolution (3): The members unanimously opined and approved to follow the same syllabus for the courses listed in Table 3.


Resolution (4): The members approved to follow the course structure and syllabus of affiliating university, JNTUH for PG programme(s), M.Tech(CSE).

Noted and Approved.

Item No. 4: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester

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Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (5): The board has empowered Chairman to finalize panel of examiners for conduct examinations of II B.Tech- I & II semesters A.Y.2015-16.

Resolution (6): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.


Noted and Approved.



Chairman

Board of Studies
Department of CSE

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Annexure-I
Course Structure

I B.Tech CSE R15 Regulation under CBCS

S.No	Name of the Course	Course Category	Course Type	Year/Semester
1	English-I	HS	Theory	I/I
2	Mathematics -I	BS	Theory	I/I
3	Engineering Physics-I	BS	Theory	I/I
4	Computer Programming -I	ES	Theory	I/I
5	Engineering Chemistry	BS	Theory	I/I
6	Basic Electrical Engineering	ES	Theory	I/I
7	English Language Communication Skills Lab-I	HS	Laboratory	I/I
8	Computer Programming Lab -I	ES	Laboratory	I/I
9	Engineering Chemistry Lab	BS	Laboratory	I/I
10	IT Work shop	ES	Laboratory	I/I
11	English- II	HS	Theory	I/II
12	Mathematics - II	BS	Theory	I/II
13	Engineering Physics- II	BS	Theory	I/II
14	Computer Programming - II	ES	Theory	I/II
15	Mathematics - III	BS	Theory	I/II
16	Engineering Graphics	ES	Drawing	I/II
17	English Language Communication Skills Lab - II	HS	Laboratory	I/II
18	Computer Programming Lab - II	ES	Laboratory	I/II
19	Engineering Physics Lab	BS	Laboratory	I/II
20	Engineering Workshop	ES	Laboratory	I/II

II B.Tech CSE R14 Regulation

S.No	Name of the Course	Course Type	Year/Semester
1	Probability & Statistics	Theory	II/I
2	Discrete Mathematics	Theory	II/I
3	DataStructures	Theory	II/I
4	Electronic Devices and Circuits	Theory	II/I
5	Digital Logic Design	Theory	II/I
6	Object Oriented Programming	Theory	II/I
7	Electronic Devices and Electrical Circuits Lab	Laboratory	II/I

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8	Data Structures Lab	Laboratory	II/I
9	Personality Development – I*	Theory	II/I
10	Environmental Studies	Theory	II/II
11	Formal Languages and Automata Theory	Theory	II/II
12	Computer Organization	Theory	II/II
13	Database Management Systems	Theory	II/II
14	Software Engineering	Theory	II/II
15	Java Programming	Theory	II/II
16	Java Programming Lab	Laboratory	II/II
17	Database Management systems lab	Laboratory	II/II
18	Gender Sensitization	Theory	II/II
19	Personality Development – II*	Theory	II/II

M.Tech CSE R15 Regulation under CBCS

S.No	Name of the Course	Course Category	Course Type	Year/Semester
1	Advanced Data Structures and Algorithms	Core Course I	Theory	I/I
2	Computer System Design	Core Course II	Theory	I/I
3	Advanced Operating Systems	Core Course III	Theory	I/I
4	Software Process and Project Management	Core Elective I	Theory	I/I
5	Natural language Processing	Core Elective I	Theory	I/I
6	Pattern Recognition	Core Elective I	Theory	I/I
7	Machine Learning	Core Elective II	Theory	I/I
8	Parallel and Distributed algorithms	Core Elective II	Theory	I/I
9	Software Architecture and Design Patterns	Core Elective II	Theory	I/I
10	Distributed Systems	Open Elective I	Theory	I/I
11	Social Media Intelligence	Open Elective I	Theory	I/I
12	Entrepreneurship	Open Elective I	Theory	I/I
13	Advanced Data Structures and Algorithms Lab	Laboratory I	Lab	I/I
14	Seminar I	Seminar	Project	I/I
15	Advanced Network Programming	Core Course IV	Theory	I/II
16	Advanced Databases	Core Course V	Theory	I/II
17	Web Services and Service Oriented Architecture	Core Course VI	Theory	I/II
18	Advanced Data Mining	Core Elective III	Theory	I/II
19	Storage Area Networks	Core Elective III	Theory	I/II
20	Database Security	Core Elective III	Theory	I/II

21	Semantic Web and Social Networks	Core Elective IV	Theory	I/II
22	Wireless Networks and Mobile Computing	Core Elective IV	Theory	I/II
23	Information Retrieval Systems	Core Elective IV	Theory	I/II
24	Grid and Cloud Computing	Open Elective II	Theory	I/II
25	Computer Forensics	Open Elective II	Theory	I/II
26	E-Commerce	Open Elective II	Theory	I/II
27	Web Services Lab	Laboratory II	Lab	I/II
28	Seminar II	Seminar	Project	I/II
29	Comprehensive Viva-Voce	Project	Project	II/I
30	Project work Review I	Project	Project	II/I
31	Project work Review II	Project	Project	II/II
32	Project Evaluation (Viva-Voce)	Project	Project	II/II



Chairman

Board of Studies

Department of CSE



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Minutes of 3rd Board of Studies (BoS) Meeting in Department of Computer Science and Engineering held on 07th May 2016

The 3rd Board of Studies(BoS) meeting, Dept. of CSE, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 07th May 2016 at 10:30 hrs in the Anurag Central Office, Ghatkesar,Hyderabad to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. M.V. Siva Prasad, Principal, Prof.of Comp.Sci.&Engg, Anurag Engineering College, Kodad	Chairman	
2	Prof. V. Kamakshi Prasad, Prof.of Comp.Sci.&Engg.,JNTUH,kukatpally	JNTU Nominee	
3	Dr. D V L N Somyajulu, Prof.of Comp.Sci.&Engg.,NIT,Warangal	Member	
4	Dr. N. Satyanarayana, Principal,Nalgole Institute of Technology,Hyd.	Member	
5	Prof. P.Krishna Reddy, Prof of Comp.Sci.&Engg.IIT,Hyd.	Member	
6	Dr.K. Sudheer Reddy, Principal Consultant,E&R Division,Infosys,Hyd.	Member	
7	Dr. V. Vijay Kumar Prof.of Comp.Sci.&Engg.,AGI,Hyderabad	Member	
8	Dr. Suman Bhattacharya Software Engineer,TCS,Bhubanswar	Member	
9	Mr. G.Srinivasa Rao, Assoc.Prof. of Comp.Sci.&Engg.,Anurag Engineering College,Kodad	Member	
10	Mr. Y.V.R.Naga Pawan Assoc.Prof. of Comp.Sci.&Engg.,Anurag Engineering College,Kodad	Member	
11	Mr. G.V.S.Ch.S.L.V.Prasad Assoc.Prof. of Comp.Sci.&Engg.,Anurag Engineering College,Kodad	Member	
12	Mr. Sk.Janimiya, Software Engineer, Mahindra Satyam,Hyd.	Member	

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Minutes of 3rd Board of Studies (BoS) Meeting in Department of Computer Science and Engineering held on – 07th May 2016

Item No. 1: Proposal of Entire Course Structure (R15) and Syllabus for II B.Tech (CSE)

I and II Semester for R15 and Approval

The Chairman of Board of Studies (BoS) presented the entire course structure and II B.Tech (CSE) – I and II semester syllabus of R15 for following Courses in the Annexure-I.

Table 1:

S.No.	Name of the Course (Theory)	Year / Semester	Programme
1	Data Structures	II / I	B.Tech (CSE)
2	Object Oriented Programming	II / I	B.Tech (CSE)
3	Design and Analysis of Algorithms	II / II	B.Tech (CSE)
4	Computer Organization	II / II	B.Tech (CSE)
5	Database Management Systems	II / II	B.Tech (CSE)
6	Java Programming	II / II	B.Tech (CSE)
7	Software Engineering	II / II	B.Tech (CSE)

The Members elaborately discussed the existing II B.Tech (CSE) course structure of affiliating university, JNTUH, with the proposed course structure and syllabus (Annexure-I).

The Chairman of BoS for CSE presented the list of lab experiments (Annexure – I) to be conducted for various laboratory courses listed in Table 2.

Table 2:

S.No.	Name of the Lab	Year/Sem	Programme
1	Data Structures Lab	II/I	B.Tech (CSE)
2	Java Programming Lab	II/II	B.Tech (CSE)
3	Database Management systems lab	II/II	B.Tech (CSE)

The Chairman informed the members the syllabus approved for the courses in the Second BoS as per Table 3 are followed for the coming academic years i.e. from 2016-17, until further revisions are made to those courses.

Table 3:

S.No.	Name of the Course	Year / Semester	Programme
1	Computer Programming – I	I / I	Common to all B.Tech Programmes
2	Computer Programming – II	I / II	B.Tech (CSE, EEE,


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			Mech, Civil)
3	Computer Programming – I Lab	I / I	Common to all B.Tech Programmes
4	Computer Programming – II Lab	I / II	B.Tech (CSE, EEE, Mech, Civil)

The Chairman also informed that the syllabus approved for the courses in the Second BoS for M.Tech Programmes are followed for the coming academic years i.e. from 2016-17, until further revisions are made to those courses.

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for II B.Tech (CSE), I and II Semester (R15)

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the II B.Tech as per Table 2. The members advised that at least 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Noted and Approved.

Item No. 2: Proposal of Course Structure and Syllabus for III B.Tech (CSE) I and II Semester and IV B.Tech (CSE) I and II Semester for R14 and Approval

The Chairman of Board of Studies (BoS) presented the course structure for III B.Tech (CSE) I and II Semester and IV B.Tech (CSE) I and II Semester and syllabus for following Courses in the Annexure-II.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Design and Analysis of Algorithms	III/I	B.Tech (CSE)
2	Compiler Design	III/I	B.Tech (CSE)
3	Web Technologies	III/I	B.Tech (CSE)
4	Computer Networks	III/I	B.Tech (CSE)
5	Operating systems	III/I	B.Tech (CSE)

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6	Advanced Computer Networks	III/II	B.Tech (CSE)
7	Data Warehousing and Data Mining	III/II	B.Tech (CSE)
8	Object Oriented Analysis and Design	III/II	B.Tech (CSE)
9	Software Project Management	III/II	B.Tech (CSE)
10	Elective – I 1. Human Computer Interaction 2. Unix Programming 3. Computer Graphics	III/II	B.Tech (CSE)
11	Cloud Computing	III/II	B.Tech (CSE)
	Advanced Databases	IV/I	B.Tech (CSE)
12	Information Security	IV/I	B.Tech (CSE)
13	Big Data	IV/I	B.Tech (CSE)
14	Managerial Economics and Financial Analysis	IV/I	B.Tech (CSE)
15	Elective – II 1. Image Processing 2. Informational Retrieval Systems 3. Cyber Forensics	IV/I	B.Tech (CSE)
16	Elective – III 1. Adhoc Sensor Networks 2. Software Testing Methodologies 3. Software Development for Portable Devices	IV/I	B.Tech (CSE)
17	Multimedia Computing	IV/II	B.Tech (CSE)
18	Elective– IV 1. Entrepreneurship 2. Multi Media and Rich Internet Applications 3. Soft Computing	IV/II	B.Tech (CSE)
19	Elective –V 1. Internet of Things (IOT) 2. Network Security and Privacy 3. Machine Learning	IV/II	B.Tech (CSE)

The Members elaborately discussed the existing III B.Tech (CSE) & IV B.Tech(CSE) course structure of affiliating university, JNTUH, with the proposed course structure.

The Chairman of BoS for CSE presented the list of lab experiments (Annexure – I) to be conducted for various laboratory courses listed in Table 2.

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Web Technologies lab	III/I	B.Tech (CSE)
2	OS and Computer Networks Lab	III/I	B.Tech (CSE)
3	Object Oriented Analysis and Design lab	III/II	B.Tech (CSE)
4	Data Warehouse And Data Mining Lab	III/II	B.Tech (CSE)
5	Information Security lab	IV/I	B.Tech (CSE)

Resolution (3): The members after critical discussion approved the course structure and syllabus to be taught for III B.Tech (CSE) I and II Semester and also approved the Course Structure and Syllabus for IV B.Tech (CSE) I and II Semester for R14

Resolution (4): The members approved the list of experiments for the lab courses to be carried out in the III B.Tech & IV B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a semester for the labs mentioned in Table 2.


Noted and Approved.

Item No. 3: Proposal of CSE Opens Elective Courses for other Engineering branches for R15 and Approval

S.No.	Name of the Course (Theory)	(Preferred) Year / Semester
1	Computer Networks	III / I
2	Database Management Systems	III / I
3	OOPs Through JAVA	III / II
4	Operating Systems	III / II
5	Computer Organization	III/I
6	E-Commerce	VI/II

Resolution (5): The Members elaborately discussed Open Electives of CSE for other engineering branches are approved.

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Suryapet (Dt.), Telangana-508206

Item No. 4: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (6): The board has empowered Chairman to finalize panel of examiners for conduct examinations of II B.Tech- I & II semesters, III B.Tech- I & II semesters IV B.Tech- I & II semesters and I M.Tech- I & II semesters for the A.Y.2016-17.

Resolution (7): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

Board of Studies
Department of CSE

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**Annexure-I
Course Structure**

B.Tech CSE R15 Regulation under CBCS

S.No	Name of the Course	Course Category	Course Type	Year/Semester
1	English-I	HS	Theory	I/I
2	Mathematics -I	BS	Theory	I/I
3	Engineering Physics-I	BS	Theory	I/I
4	Computer Programming -I	ES	Theory	I/I
5	Engineering Chemistry	BS	Theory	I/I
6	Basic Electrical Engineering	ES	Theory	I/I
7	English Language Communication Skills Lab-I	HS	Laboratory	I/I
8	Computer Programming Lab -I	ES	Laboratory	I/I
9	Engineering Chemistry Lab	BS	Laboratory	I/I
10	IT Work shop	ES	Laboratory	I/I
11	English- II	HS	Theory	I/II
12	Mathematics - II	BS	Theory	I/II
13	Engineering Physics- II	BS	Theory	I/II
14	Computer Programming - II	ES	Theory	I/II
15	Mathematics - III	BS	Theory	I/II
16	Engineering Graphics	ES	Drawing	I/II
17	English Language Communication Skills Lab - II	HS	Laboratory	I/II
18	Computer Programming Lab - II	ES	Laboratory	I/II
19	Engineering Physics Lab	BS	Laboratory	I/II
20	Engineering Workshop	ES	Laboratory	I/II
21	Probability & Statistics	BS	Theory	II/I
22	Discrete Mathematics	BS	Theory	II/I
23	Data Structures	PC	Theory	II/I
24	Electronic Devices & Circuits	ES	Theory	II/I
25	Digital Logic Design	ES	Theory	II/I
26	Object Oriented Programming	PC	Theory	II/I
27	Electronic Devices and Electrical Circuits Lab	ES	Laboratory	II/I
28	Data Structures Lab	PC	Laboratory	II/I
29	Gender Sensitization	MC	Theory	II/I


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30	Environmental Studies	HS	Theory	II/II
31	Design and Analysis of Algorithms	PC	Theory	II/II
32	Computer Organization	PC	Theory	II/II
33	Database Management Systems	PC	Theory	II/II
34	Software Engineering	PC	Theory	II/II
35	Java Programming	PC	Theory	II/II
36	Java Programming Lab	PC	Laboratory	II/II
37	Database Management Systems Lab	PC	Laboratory	II/II
38	Human Values and Professional Ethics	MC	Theory	II/II
39	Formal Languages and Automata Theory	PC	Theory	III/I
40	Managerial Economics and Financial Analysis	HS	Theory	III/I
41	Computer Networks	PC	Theory	III/I
42	Operating Systems	PC	Theory	III/I
43	Microprocessors and Microcontrollers	PC	Theory	III/I
44	Human Computer Interaction (PE-I)	PE	Theory	III/I
45	Advanced Databases (PE-I)	PE	Theory	III/I
46	Mobile Computing (PE-I)	PE	Theory	III/I
47	Advance English Communication Skills Lab	HS	Laboratory	III/I
48	Operating Systems and Computer Networks Lab	PC	Laboratory	III/I
49	Compiler Design	PC	Theory	III/II
50	Data Warehousing and Data Mining	PC	Theory	III/II
51	Object Oriented Analysis and Designing	PC	Theory	III/II
52	Web Technologies	PC	Theory	III/II
53	Machine Learning (PE-II)	PE	Theory	III/II
54	Internet of Things (PE-II)	PE	Theory	III/II
55	Cyber Forensics (PE-II)	PE	Theory	III/II
56	Open Elective-I	OE	Theory	III/II
57	Data Warehousing and Data Mining Lab	PC	Laboratory	III/II
58	Web Technologies Lab	PC	Laboratory	III/II
59	Information Security	PC	Theory	IV/I
60	Unix Programming	PC	Theory	IV/I
61	Management Science	HS	Theory	IV/I

62	Software Project Management (PE-III)	PE	Theory	IV/I
63	Cloud Computing (PE-III)	PE	Theory	IV/I
64	Software Testing (PE-III)	PE	Theory	IV/I
65	Predictive Analytics with R Programming (PE-IV)	PE	Theory	IV/I
66	Scripting Languages (PE-IV)	PE	Theory	IV/I
67	Programming with Python (PE-IV)	PE	Theory	IV/I
68	Open Elective-II	OE	Theory	IV/I
69	Information Security Lab	PC	Laboratory	IV/I
70	UNIX Programming Lab	PC	Laboratory	IV/I
71	Mini Project	PW	Project	IV/I
72	Big Data Analytics (PE-V)	PE	Theory	IV/II
73	Distributed Systems (PE-V)	PE	Theory	IV/II
74	Operations Research (PE-V)	PE	Theory	IV/II
75	Design Patterns (PE-VI)	PE	Theory	IV/II
76	Artificial Intelligence (PE-VI)	PE	Theory	IV/II
77	Multimedia Computing (PE-VI)	PE	Theory	IV/II
78	Open Elective-III	OE	Theory	IV/II
79	Seminar	PW	Project	IV/II
80	Project work	PW	Project	IV/II
81	Comprehensive Viva Voce	PW	Project	IV/II

III and IV B.Tech CSE R14 Regulation

S.No	Name of the Course	Course Type	Year/Semester
1	Design and Analysis of Algorithms	Theory	III/I
2	Compiler Design	Theory	III/I
3	Web Technologies	Theory	III/I
4	Computer Networks	Theory	III/I
5	Operating systems	Theory	III/I
6	Advanced English Communication Skills Lab	Laboratory	III/I
7	Web Technologies Lab	Laboratory	III/I
8	Operating Systems and Computer Networks Lab	Laboratory	III/I
9	Logical Reasoning and Quantitative Aptitude – I	Theory	III/I
10	Advanced Computer Networks	Theory	III/II

11	Data Warehousing and Data Mining	Theory	III/I
12	Cloud Computing	Theory	III/I
13	Human Computer Interaction(Elective-I)	Theory	III/I
14	Unix Programming(Elective-I)	Theory	III/I
15	Computer Graphics(Elective-I)	Theory	III/I
16	Object Oriented Analysis and Design	Theory	III/I
17	Software Project Management	Theory	III/I
18	Object Oriented Analysis and Design Lab	Laboratory	III/I
19	Data Warehousing and Data Mining Lab	Laboratory	III/I
20	Logical Reasoning and Quantitative Aptitude – II	Theory	III/I
21	Advanced Databases	Theory	IV/I
22	Information Security	Theory	IV/I
23	Big Data Analytics	Theory	IV/I
24	Managerial Economics & Financial Analysis	Theory	IV/I
25	Image Processing(Elective-II)	Theory	IV/I
26	Information Retrieval Systems(Elective-II)	Theory	IV/I
27	Cyber Forensics(Elective-II)	Theory	IV/I
28	Adhoc Sensor Networks(Elective-III)	Theory	IV/I
29	Software Testing(Elective-III)	Theory	IV/I
30	Software Development for Portable Devices(Elective-III)	Theory	IV/I
31	Information Security Lab	Laboratory	IV/I
32	Industry Oriented Mini Project	Theory	IV/II
33	Multimedia Computing	Theory	IV/II
34	Entrepreneurship(Elective-IV)	Theory	IV/II
35	Multimedia and Rich Internet Applications(Elective-IV)	Theory	IV/II
36	Soft Computing(Elective-IV)	Theory	IV/II
37	Internet of Things(Elective-V)	Theory	IV/II
38	Network Security and Privacy(Elective-V)	Theory	IV/II
39	Machine Learning(Elective-V)	Theory	IV/II
40	Seminar	Project	IV/II
41	Project Work	Project	IV/II
42	Comprehensive Viva	Project	IV/II

Service Courses offered by CSE Department under R14 Regulation

S.No	Name of the Course	Course Type	Department	Year/Semester
1	Computer Organization	Theory	ECE/EEE	III/I
2	Object Oriented Programming through Java	Theory	ECE	III/II
3	Computer Networks	Theory	ECE	IV/I



Chairman

**Board of Studies
Department of CSE**



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The minutes of the 4th Board of Studies (BoS) Meeting in the Department of Computer Science and Engineering held on 10th Mar 2017

The 4th Board of Studies (BoS) meeting, Dept. of CSE, Anurag Engineering College, Ananthagiri(V & M), Suryapet(Dist), Telangana, is held on 10th Mar 2017 at 01:30 pm in the Conference Hall to discuss the agenda notified.

The BoS members:

S.No.	Name of the member	Position	Signature
1	Dr. M.V. Siva Prasad, Principal, Professor of Computer Science and Engineering, Anurag Engineering College, Ananthagiri	Chairman	
2	Dr. S. V. L. Narasimham Prof. of CSE, SIT, JNTUH, Kukatpally, Hyd	JNTUH Nominee	
3	Dr. N. Satyanarayana, Principal, Nagole Institute of Technology, Hyd.	Member	
4	Prof. P. Krishna Reddy, Prof of Comp.Sci.& Engg., IIIT,Hyd.	Member	
5	Dr. P. Radha Krishna, Principal Research Scientist, Infosys Labs, Infosys Technologies Ltd, Hyd	Member	
6	Dr. M.V. Brahmananda Reddy Prof. of Comp. Sci. & Engg, Anurag Engineering College, Ananthagiri	Member	
7	Dr. V. Vijay Kumar Prof. of Comp Sci.& Engg., AGI, Hyd	Member	
8	Dr. K. Vijaya Kumar, Prof. of Comp. Sci. & Engg, CMRCET, Hyd	Member	
9	Dr. R.B.V. Subramaanyam Assoc.Prof. of Comp.Sci. & Engg , NIT, Warangal	Member	
10	Mr. G.Srinivasa Rao, Assoc.Prof. of Comp.Sci. & Engg., Anurag Engineering College Ananthagiri	Member	
11	Mr. Y.V.R.Naga Pawan Assoc.Prof. of Comp.Sci. & Engg., Anurag Engineering College, Ananthagiri	Member	
12	Mr. G.V.S.Ch.S.L.V.Prasad Assoc.Prof. of Comp. Sci. & Engg., Anurag Engineering College, Ananthagiri	Member	
13	Mr. P. Gurulingam Assoc. Prof. of Comp. Sci. & Engg, Anurag Engineering College, Ananthagiri	Member	
14	Mr. Ch. Venkateswar Rao Security Consultant, IBM, Hyd	Member	

(i)

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Item No. 1: Proposal of the Syllabus for III and IV B. Tech (CSE) I and II Semesters of R15 regulation, applicable for the batches admitted from the A.Y. 2015-16, and Approval

The Chairman of Board of Studies (BoS) presented the III and IV B. Tech (CSE) – I and II semester syllabus of R15 regulation for the courses listed in the Table 1 and Table 2, and the corresponding syllabus is in Annexure- I.

Table 1:

S. No.	Name of the Course (Theory)	Year / Semester	Programme
1	Formal Languages and Automata Theory	III / I	B.Tech (CSE)
2	Computer Networks		
3	Operating Systems		
4	Microprocessors and Microcontrollers		
5	Professional Elective- 1 a. Human Computer Interaction b. Advanced Databases c. Mobile Computing		
6	Compiler Design	III / II	B.Tech (CSE)
7	Data Warehousing and Data Mining		
8	Object Oriented Analysis and Designing		
9	Web Technologies		
10	Professional Elective - 2 a. Machine Learning b. Internet of Things c. Cyber Forensics		
11	Open Elective- 1		

Table 2:

S. No.	Name of the Course (Theory)	Year / Semester	Programme
1	Information Security	IV / I	B.Tech(CSE)
2	Unix Programming		
3	Professional Elective - 3		
	a. Software Project Management b. Cloud Computing c. Software Testing		
	Professional Elective - 4		
4	a. Predictive Analytics with R Programming		
	b. Scripting Languages		
	c. Programming with Python		
5	Open Elective - 2	IV / II	B. Tech (CSE)
6	Professional Elective - 5		
	a. Big Data Analytics b. Distributed Systems c. Operations Research		
	Professional Elective - 6		
7	a. Design Patterns b. Artificial Intelligence c. Multimedia Computing		
	8	Open Elective- 3	

The Members elaborately discussed the existing III and IV B. Tech (CSE) syllabus of the affiliating university, JNTUH, with the proposed syllabus, refer Annexure-I

The Chairman of BoS presented the list of lab experiments, refer Annexure – I, to be conducted for various laboratory courses listed in the Table 3.

Table 3:

S.No	Name of the Lab	Year / Semester	Programme
1	Operating Systems and Computer Networks Lab	III / I	B.Tech (CSE)
2	Data Warehousing and Data Mining Lab	III / II	B.Tech (CSE)
3	Web Technologies Lab		
4	Information Security Lab	IV / I	B.Tech (CSE)
5	UNIX Programming Lab		

The Chairman informed the members that the syllabus approved for the courses, in the Table 4 and Table 5 below, in the 3rd BoS are followed for the coming academic years i.e. from 2017-18, until further revisions are made to these courses.

Table 4:

S.No.	Name of the Course (Theory)	Year / Sem	Programme
1	Computer Programming – I	I / I	Common to all B. Tech Programmes
2	Computer Programming – II	I / II	B. Tech (CSE, EEE, Mech, Civil)
4	Computer Programming – II	II / I	B. Tech (ECE)
5	Data Structures	II / I	B.Tech (CSE)
6	Object Oriented Programming		
7	Design and Analysis of Algorithms	II / II	B. Tech (CSE)
8	Computer Organization		
9	Database Management Systems		
10	Java Programming		
11	Software Engineering		

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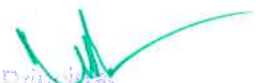

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Table 5:

S.No.	Name of the Lab	Year/Sem	Programme
1	Computer Programming – I Lab	I / I	Common to all B. Tech Programmes
2	Computer Programming – II Lab	I / II	B. Tech (CSE, EEE, Mech, Civil)
3	Computer Programming – II Lab	II / I	B. Tech (ECE)
4	Data Structures Lab	II / I	B. Tech (CSE)
5	Java Programming Lab	II / II	B. Tech (CSE)
6	Database Management systems lab		

The Chairman of BoS presented the list of open electives offered for the other departments, refer Annexure – I,

Open Electives are:

1. Java Programming
2. Computer Networks
3. Database Management Systems
4. Web Technologies
5. Game Theory with Engineering Applications
6. Software Engineering


The Chairman also informed that the syllabus, in Annexure – III, approved for the courses in the 3rd BoS for M.Tech Programme are followed for the coming academic years i.e. from 2017-18, until further revisions are made to these courses.

Resolution (1): The members, after elaborate discussion, approved the syllabus for III and IV B. Tech (CSE) I and II Semesters (R15)

Resolution (2): The members approved the list of experiments for the lab courses, as mentioned in the Table 2, to be carried out in the III and IV B. Tech (CSE) I and II Semesters (R15).

Noted and Approved.

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Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Item No. 2: Proposal of Syllabus for IV B. Tech (CSE) I and II Semester for R14 regulation, applicable for the batches admitted in the A.Y. 2014-16, and Approval

The Chairman of Board of Studies (BoS) presented the syllabus for IV B. Tech (CSE) I and II Semesters for the following Courses listed in the Table 6 and Table 7, and the corresponding syllabus refer Annexure- II.

Table 6:

S. No	Name of the Course	Year / Sem	Programme
1	Advanced Databases	IV / I	B. Tech (CSE)
2	Information Security		
3	Big Data		
4	Elective – 2		
	1. Image Processing		
	2. Information Retrieval Systems		
5	3. Cyber Forensics		
	Elective - 3		
	1. Adhoc Sensor Networks		
6	2. Software Testing		
	3. Software Development for Portable Devices		
6	Multimedia Computing	IV / II	B. Tech (CSE)
7	Elective - 4		
	1. Entrepreneurship		
	2. Artificial Intelligence		
8	3. Soft Computing		
	Elective - 5		
	1. Internet of Things		
	2. Network Security and Privacy		
	3. Machine Learning		

The Members elaborately discussed the existing IV B. Tech (CSE) syllabus of affiliating university, JNTUH, with the proposed syllabus is in Annexure- II.

The Chairman of BoS presented the list of lab experiments (Annexure – II) to be conducted for various laboratory courses listed in the Table 7 below.

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Table 7:

S. No	Name of the Lab Course	Year / Sem	Programme
1	Information Security lab	IV / I	B. Tech(CSE)

Resolution (3): The members, after elaborate discussion, approved the syllabus for IV B. Tech (CSE) I and II Semester of R14 regulation

Resolution (4): The members approved the list of experiments for the lab courses to be carried out in the IV B.Tech of R14 regulation as per the Table 7.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts, evaluation of the End-Semester lab examinations, evaluation of the project work viva voce and they will be paid with remuneration as per the recommendations of the College Finance Committee (CFC) and approval of the Board of Governors (BoG).

Resolution (6): The board has empowered the Chairman to finalize the panel of examiners to conduct examinations of all B. Tech (CSE) courses and all M. Tech (CSE) courses for the A.Y.2017-18.


Resolution (7): It is resolved unanimously to pay the remuneration to the examiners as per approval of the BoG.

Noted and Approved.


Chairman

**Board of Studies
Department of CSE**

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Suryapet (Dt.), Telangana-508212

Annexure-I
Course Structure
B.Tech CSE R15 Regulation under CBCS

S.No	Name of the Course	Course Category	Course Type	Year/Semester
1	English-I	HS	Theory	I/I
2	Mathematics -I	BS	Theory	I/I
3	Engineering Physics-I	BS	Theory	I/I
4	Computer Programming -I	ES	Theory	I/I
5	Engineering Chemistry	BS	Theory	I/I
6	Basic Electrical Engineering	ES	Theory	I/I
7	English Language Communication Skills Lab-I	HS	Laboratory	I/I
8	Computer Programming Lab -I	ES	Laboratory	I/I
9	Engineering Chemistry Lab	BS	Laboratory	I/I
10	IT Work shop	ES	Laboratory	I/I
11	English- II	HS	Theory	I/II
12	Mathematics - II	BS	Theory	I/II
13	Engineering Physics- II	BS	Theory	I/II
14	Computer Programming - II	ES	Theory	I/II
15	Mathematics - III	BS	Theory	I/II
16	Engineering Graphics	ES	Drawing	I/II
17	English Language Communication Skills Lab - II	HS	Laboratory	I/II
18	Computer Programming Lab - II	ES	Laboratory	I/II
19	Engineering Physics Lab	BS	Laboratory	I/II
20	Engineering Workshop	ES	Laboratory	I/II
21	Probability & Statistics	BS	Theory	II/I
22	Discrete Mathematics	BS	Theory	II/I
23	Data Structures	PC	Theory	II/I
24	Electronic Devices & Circuits	ES	Theory	II/I
25	Digital Logic Design	ES	Theory	II/I
26	Object Oriented Programming	PC	Theory	II/I
27	Electronic Devices and Electrical Circuits Lab	ES	Laboratory	II/I
28	Data Structures Lab	PC	Laboratory	II/I
29	Gender Sensitization	MC	Theory	II/I
30	Environmental Studies	HS	Theory	II/II

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31	Design and Analysis of Algorithms	PC	Theory	II/II
32	Computer Organization	PC	Theory	II/II
33	Database Management Systems	PC	Theory	II/II
34	Software Engineering	PC	Theory	II/II
35	Java Programming	PC	Theory	II/II
36	Java Programming Lab	PC	Laboratory	II/II
37	Database Management Systems Lab	PC	Laboratory	II/II
38	Human Values and Professional Ethics	MC	Theory	II/II
39	Formal Languages and Automata Theory	PC	Theory	III/I
40	Managerial Economics and Financial Analysis	HS	Theory	III/I
41	Computer Networks	PC	Theory	III/I
42	Operating Systems	PC	Theory	III/I
43	Microprocessors and Microcontrollers	PC	Theory	III/I
44	Human Computer Interaction (PE-I)	PE	Theory	III/I
45	Advanced Databases (PE-I)	PE	Theory	III/I
46	Mobile Computing (PE-I)	PE	Theory	III/I
47	Advance English Communication Skills Lab	HS	Laboratory	III/I
48	Operating Systems and Computer Networks Lab	PC	Laboratory	III/I
49	Compiler Design	PC	Theory	III/II
50	Data Warehousing and Data Mining	PC	Theory	III/II
51	Object Oriented Analysis and Designing	PC	Theory	III/II
52	Web Technologies	PC	Theory	III/II
53	Machiné Learning (PE-II)	PE	Theory	III/II
54	Internet of Things (PE-II)	PE	Theory	III/II
55	Cyber Forensics (PE-II)	PE	Theory	III/II
56	Open Elective-I	OE	Theory	III/II
57	Data Warehousing and Data Mining Lab	PC	Laboratory	III/II
58	Web Technologies Lab	PC	Laboratory	III/II
59	Information Security	PC	Theory	IV/I
60	Unix Programming	PC	Theory	IV/I
61	Management Science	HS	Theory	IV/I
62	Software Project Management (PE-III)	PE	Theory	IV/I
63	Cloud Computing (PE-III)	PE	Theory	IV/I

64	Software Testing (PE-III)	PE	Theory	IV/I
65	Predictive Analytics with R Programming (PE-IV)	PE	Theory	IV/I
66	Scripting Languages (PE-IV)	PE	Theory	IV/I
67	Programming with Python (PE-IV)	PE	Theory	IV/I
68	Open Elective-II	OE	Theory	IV/I
69	Information Security Lab	PC	Laboratory	IV/I
70	UNIX Programming Lab	PC	Laboratory	IV/I
71	Mini Project	PW	Project	IV/I
72	Big Data Analytics (PE-V)	PE	Theory	IV/II
73	Distributed Systems (PE-V)	PE	Theory	IV/II
74	Operations Research (PE-V)	PE	Theory	IV/II
75	Design Patterns (PE-VI)	PE	Theory	IV/II
76	Artificial Intelligence (PE-VI)	PE	Theory	IV/II
77	Multimedia Computing (PE-VI)	PE	Theory	IV/II
78	Open Elective-III	OE	Theory	IV/II
79	Seminar	PW	Project	IV/II
80	Project work	PW	Project	IV/II
81	Comprehensive Viva Voce	PW	Project	IV/II

Service Courses offered by CSE Department under R15 Regulation

S.No	Name of the Course	Course Category	Course Type	Department	Year/Semester
1	Computer Organization	PE	Theory	EEE	III/I
2	Computer Organization and Operating System	ES	Theory	ECE	III/I
3	Computer Networks	PC	Theory	ECE	IV/I
4	Internet of Things	PE	Theory	ECE	IV/II
5	Scripting Languages	PE	Theory	ECE	IV/II

List Of Open Electives

S.No	Name of the Course	Course Category	Course Type	Year/Semester
1	Construction Materials	OE	Theory	III/II
2	Waste Management	OE	Theory	III/II
3	Solar Photovoltaic Systems	OE	Theory	III/II
4	Maintenance of Electrical Systems	OE	Theory	III/II
5	Advanced Engineering Materials	OE	Theory	III/II
6	Mechatronics	OE	Theory	III/II

7	Principles of Communication Systems	OE	Theory	III/II
8	Electronic Measuring Instruments	OE	Theory	III/II
9	Java Programming	OE	Theory	III/II
10	Computer Networks	OE	Theory	III/II
11	Disaster Management and Mitigation	OE	Theory	IV/I
12	Geological Information System & Remote Sensing	OE	Theory	IV/I
13	Energy Storage Systems	OE	Theory	IV/I
14	Electrical Engineering Materials	OE	Theory	IV/I
15	Power Plant Engineering	OE	Theory	IV/I
16	Industrial Robotics	OE	Theory	IV/I
17	Computer Organization	OE	Theory	IV/I
18	Principle of Signal Processing	OE	Theory	IV/I
19	Database Management Systems	OE	Theory	IV/I
20	Web Technologies	OE	Theory	IV/I
21	Construction Technology and Project Management	OE	Theory	IV/II
22	Safety Engineering	OE	Theory	IV/II
23	Energy conservation and Audit	OE	Theory	IV/II
24	Artificial Neural Networks	OE	Theory	IV/II
25	Renewable Energy Sources	OE	Theory	IV/II
26	Automobile Engineering	OE	Theory	IV/II
27	Nanotechnology	OE	Theory	IV/II
28	Biometric System	OE	Theory	IV/II
29	Game Theory with Engineering Applications	OE	Theory	IV/II
30	Software Engineering	OE	Theory	IV/II

IV B.Tech CSE R14 Regulation

S.No	Name of the Course	Course Type	Year/Semester
1	Advanced Databases	Theory	IV/I
2	Information Security	Theory	IV/I
3	Big Data Analytics	Theory	IV/I
4	Managerial Economics & Financial Analysis	Theory	IV/I
5	Image Processing(Elective-II)	Theory	IV/I

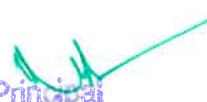
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6	Information Retrieval Systems(Elective-II)	Theory	IV/I
7	Cyber Forensics(Elective-II)	Theory	IV/I
8	Adhoc Sensor Networks(Elective-III)	Theory	IV/I
9	Software Testing(Elective-III)	Theory	IV/I
10	Software Development for Portable Devices(Elective-III)	Theory	IV/I
11	Information Security Lab	Laboratory	IV/I
12	Industry Oriented Mini Project	Theory	IV/II
13	Multimedia Computing	Theory	IV/II
14	Entrepreneurship(Elective-IV)	Theory	IV/II
15	Artificial Intelligence(Elective-IV)	Theory	IV/II
16	Soft Computing(Elective-IV)	Theory	IV/II
17	Internet of Things(Elective-V)	Theory	IV/II
18	Network Security and Privacy(Elective-V)	Theory	IV/II
19	Machine Learning(Elective-V)	Theory	IV/II
20	Seminar	Project	IV/II
21	Project Work	Project	IV/II
22	Comprehensive Viva	Project	IV/II


Chairman

Board of Studies
Department of CSE


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



Minutes of 5th Board of Studies (BoS) Meeting in the Department of Computer Science and Engineering held on 16th July 2018

The 5th Board of Studies (BoS) meeting, Department of Computer Science and Engineering, Anurag Engineering College, Ananthagiri(V & M), Suryapet(Dist), Telangana, is held on 16th July 2018 at 04:00 pm in the Conference Hall, to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. M.V. Siva Prasad, Principal, Professor of Computer Science and Engineering, Anurag Engineering College, Ananthagiri	Chairman	
2	Dr. S. V. L. Narasimham, Prof. of Comp. Sci. & Engg., JNTUH, Kukatpally, Hyd	JNTU Nominee	
3	Dr. N. Satyanarayana, Principal, Nagole Institute of Technology, Hyd.	Member	
4	Prof. P. Krishna Reddy, Prof of Comp. Sci. & Engg., IIIT, Hyd.	Member	
5	Dr. P. Radha Krishna, Principal Research Scientist. Infosys Labs, Infosys Technologies Ltd, Hyd	Member	
6	Dr. K. Vijaya Kumar, Prof. of Comp. Sci. & Engg, CMRCET, Hyd	Member	
7	Dr. R.B.V. Subramaanyam Assoc. Prof. of Comp. Sci. & Engg , NIT, Warangal	Member	
8	Dr. M. Murugesan Prof. of Comp. Sci. & Engg, Anurag Engineering College, Ananthagiri	Member	
9	Mr. G. Srinivasa Rao, Assoc. Prof. of Comp. Sci. & Engg. , Anurag Engineering College, Ananthagiri	Member	
10	Mr. Y.V.R. Naga Pawan Assoc. Prof. of Comp. Sci. & Engg., Anurag Engineering College, Ananthagiri	Member	
11	Mr. G.V.S.Ch.S.L.V. Prasad Assoc. Prof. of Comp. Sci. & Engg., Anurag Engineering College, Ananthagiri	Member	
12	Mr. P. Gurulingam Assoc. Prof. of Comp. Sci. & Engg, Anurag Engineering College, Ananthagiri	Member	
13	Mr. Ch. Venkateswar Rao Security Consultant, IBM, Hyd	Member	

[1]

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Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt), Telangana-508206

Minutes of 5th Board of Studies (BoS) Meeting in the Department of Computer Science and Engineering held on 16th July 2018

Item No. 1: Proposal of Course Structure and Syllabus for I B. Tech I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the course structure for I B. Tech I and II semester and syllabus for the following Courses, in the Annexure-I.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Programming for Problem Solving - I	I / I	B. Tech
2	Programming for Problem Solving - II	I / II	B. Tech

The Members elaborately discussed the existing I B. Tech course structure and syllabus of R15 Regulations and R18 Regulations of affiliating university, JNTUH, with the proposed course structure.

The Chairman of BoS for CSE presented the list of lab experiments (Annexure – II) to be conducted for various laboratory courses listed in the Table 2.

Table 2:

S.No.	Name of the Course	Year / Semester	Programme
1	Programming for Problem Solving – I Lab	I / I	B. Tech
2	Programming for Problem Solving – II Lab	I / II	B. Tech

Resolution (1) : The members after critical discussion approved the course structure and syllabus to be taught for I B. Tech I and II Semester.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B. Tech as per Table 2. The members advised that at least 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Noted and Approved.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Duryapet (Dt.), Telangana-50820.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-III) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The proposed distribution of marks and weightage of syllabus of the Examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalize panel of examiners for conduct examinations of I B. Tech- I & II semesters for the A.Y.2018-19.


Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

Board of Studies
Department of CSE

(iii)

Principal
Anurag Engineering College
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Suryapet (Dt.), Telangana-508203


Annexure-I
Course Structure

I B.Tech CSE R18 Regulation under CBCS

S.No	Name of the Course	Course Category	Course Type	Year/Semester
1	Mathematics – I	BS	Theory	I/I
2	Applied Physics	BS	Theory	I/I
3	Basic Electrical Engineering	ES	Theory	I/I
4	Programming for Problem Solving - I	ES	Theory	I/I
5	Engineering Graphics	ES	Drawing	I/I
6	English Language Communication Skills Lab – I	HS	Lab	I/I
7	Programming for Problem Solving - I Lab	ES	Lab	I/I
8	Applied Physics Lab	BS	Lab	I/I
9	Basic Electrical Engineering Lab	ES	Lab	I/I
10	Mathematics - II	BS	Theory	I/II
11	Engineering Chemistry	BS	Theory	I/II
12	English	HS	Theory	I/II
13	Programming for Problem Solving - II	ES	Theory	I/II
14	Engineering Chemistry Lab	BS	Lab	I/II
15	Engineering Workshop	ES	Lab	I/II
16	Programming for Problem Solving - II Lab	ES	Lab	I/II
17	English Language Communication Skills Lab – II	HS	Lab	I/II


Chairman

Board of Studies
Department of CSE


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Suryapet (DT), Telangana-508206

Minutes of 6th Board of Studies (BoS) Meeting in the Department of Computer Science and Engineering held on 8th Feb 2019

The 6th Board of Studies (BoS) meeting, Dept. of Computer Science and Engineering, Anurag Engineering College, Ananthagiri (V & M), Suryapet (Dist), Telangana, is held on 8th Feb 2019 at 11:00 AM in the Conference Hall, to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. M.V. Siva Prasad, Principal, Prof. of Comp. Sci.& Engg, Anurag Engineering College, Ananthagiri	Chairman	
2	Dr. S. V. L. Narasimham, Prof. of Comp. Sci.& Engg., JNTUH, Kukatpally, Hyd.	JNTU Nominee	
3	Dr. N. Satyanarayana, Principal, Nagole Institute of Technology, Hyd.	Member	
4	Prof. P. Krishna Reddy, Prof. of Comp. Sci.& Engg., IIT, Hyd.	Member	
5	Dr. P. Radha Krishna, Prof. of Comp. Sci.& Engg , NIT, Warangal.	Member	
6	Dr. K. Vijaya Kumar, Prof. of Comp. Sci.& Engg, CMRCET, Hyd	Member	
7	Dr. R.B.V. Subramaanyam, Prof.& Head of Comp. Sci.& Engg , NIT, Warangal.	Member	
8	Dr. M.Murugesan, Prof. of Comp. Sci.& Engg, Anurag Engineering College, Ananthagiri.	Member	
9	Mr. G.Srinivasa Rao, Assoc.Prof. of Comp. Sci.& Engg. ,Anurag Engineering College, Ananthagiri.	Member	
10	Mr. Y.V.R.Naga Pawan, Assoc.Prof. of Comp. Sci.& Engg., Anurag Engineering College, Ananthagiri.	Member	
11	Mr. G.V.S.Ch.S.L.V.Prasad, Assoc.Prof. of Comp. Sci.& Engg.,Anurag Engineering College, Ananthagiri.	Member	
12	Mr. Ch. Venkateswar Rao, Security Consultant, Hitachi Consulting Corporation Pvt. Ltd. , Hyd.	Member	

Minutes of 6th Board of Studies (BoS) Meeting in the Department of Computer Science and Engineering held on 8th Feb 2018

Item No. 1: Proposal of Course Structure for B.Tech.(CSE) under R18 Regulation and Syllabus for II B. Tech(CSE) I and II Semesters, and Approval

The Chairman of Board of Studies (BoS) presented the course structure of II, III and IV B.Tech (CSE) I & II Semesters from Table 1 to Table 8 and syllabus for the Courses offered in II B.Tech.(CSE) I & II Semester in Table 9.

Table 1:

II B.Tech (CSE) I Semester Course Structure										
S. No.	Course Code	Course Title	Cat	L	T	P	C	Internal Marks	External Marks	Total Marks
1	MA301BS	Probability and Statistics	BS	3	0	0	3	25	75	100
2	EC302ES	Digital Logic Design	ES	3	0	0	3	25	75	100
3	EC303ES	Electronic Devices and Circuits	ES	3	0	0	3	25	75	100
4	CS304PC	Discrete Mathematical Structures	PC	3	0	0	3	25	75	100
5	CS305PC	Data Structures	PC	3	1	0	4	25	75	100
6	CS306PC	Object Oriented Programming	PC	3	0	0	3	25	75	100
7	EC307ES	Electronic Devices and Circuits Lab	ES	0	0	2	1	25	75	100
8	CS308PC	Data Structures & Object Oriented Programming Lab	PC	0	0	2	1	25	75	100
9	HS309MC	Gender Sensitization	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

T – Tutorial P - Practical D - Drawing L- Lectures C- Credits

Table 2:

II B.Tech (CSE) II Semester Course Structure										
S. No.	Course Code	Course Title	Cat	L	T	P	C	Internal Marks	External Marks	Total Marks
1	ES401BS	Environmental Studies	BS	3	0	0	3	25	75	100
2	CS402PC	Design and Analysis of Algorithms	PC	3	0	0	3	25	75	100
3	CS403PC	Computer Organization	PC	3	0	0	3	25	75	100
4	CS404PC	Formal Languages and Automata Theory	PC	3	0	0	3	25	75	100
5	CS405PC	Java Programming	PC	3	0	0	3	25	75	100
6	CS406PC	Database Management Systems	PC	3	0	0	3	25	75	100
7	CS407PC	Java Programming Lab	PC	0	0	2	1	25	75	100
8	CS408PC	Database Management Systems Lab	PC	0	0	2	1	25	75	100
9	HS409MC	Human Values And Professional Ethics	MC	0	0	2	0	25	75	100
Total				18	0	6	20	225	675	900

T – Tutorial P - Practical D - Drawing L- Lectures C- Credits

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Table 3:

III B.Tech (CSE) I Semester Course Structure										
S. No.	Course Code	Course Title	Cat	L	T	P	C	Internal Marks	External Marks	Total Marks
1	EC501PC	Computer Networks	PC	3	1	0	4	25	75	100
2	CS502PC	Operating Systems	PC	3	0	0	3	25	75	100
3	CS503PC	Compiler Design	PC	3	0	0	3	25	75	100
4	CS504PC	Software Engineering	PC	3	0	0	3	25	75	100
5	EC505PC	Microprocessors & Microcontrollers	PC	3	0	0	3	25	75	100
6	PROFESSIONAL ELECTIVE - I		PE	3	0	0	3	25	75	100
7	EN506HS	Advanced English Communication Skills Lab	HS	0	0	2	1	25	75	100
8	CS507PC	Operating Systems and Computer Networks Lab	PC	0	0	2	1	25	75	100
9	HS508MC	Constitution Of India	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

T - Tutorial

P - Practical

D - Drawing

L- Lectures

C- Credits

Table 4:

III B.Tech (CSE) II Semester Course Structure										
S. No.	Course Code	Course Title	Cat	L	T	P	C	Internal Marks	External Marks	Total Marks
1	AE601HS	Managerial Economics and Financial Analysis	HS	3	0	0	3	25	75	100
2	CS602PC	Data Warehousing and Data Mining	PC	3	0	0	3	25	75	100
3	CS603PC	Object Oriented Analysis and Designing	PC	3	0	0	3	25	75	100
4	CS604PC	Web Technologies	PC	3	1	0	4	25	75	100
5	PROFESSIONAL ELECTIVE - II		PE	3	0	0	3	25	75	100
6	OPEN ELECTIVE - I		OE	3	0	0	3	25	75	100
7	CS605PC	Data Mining and Object Oriented Analysis and Design Lab	PC	0	0	2	1	25	75	100
8	CS606PC	Web Technologies Lab	PC	0	0	2	1	25	75	100
9	HS607MC	Intellectual Property Rights	MC	0	0	2	0	25	75	100
Total				18	1	6	21	225	675	900

T - Tutorial

P - Practical

D - Drawing

L- Lectures

C- Credits

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Table 5:

IV B.Tech (CSE) I Semester Course Structure											
S. No.	Course Code	Course Title	Cat	L	T	P	C	Internal Marks	External Marks	Total Marks	
1	MS701HS	Management Science	HS	3	0	0	3	25	75	100	
2	CS702PC	Linux Programming	PC	3	0	0	3	25	75	100	
3	PROFESSIONAL ELECTIVE - III		PE	3	0	0	3	25	75	100	
4	PROFESSIONAL ELECTIVE - IV		PE	3	0	0	3	25	75	100	
5	OPEN ELECTIVE - II		OE	3	0	0	3	25	75	100	
6	CS703PC	Linux Programming LAB	PC	0	0	2	1	25	75	100	
7	CS704PW	MINIPROJECT EVALUATION	PW	0	0	4	2	25	75	100	
8	CS705PW	PROJECT STAGE-I	PW	0	0	8	4	100	0	100	
Total				15	0	14	22	275	525	800	

T - Tutorial P - Practical D - Drawing L - Lectures C - Credits

Table 6:

IV B.Tech (CSE) II Semester Course Structure											
S. No.	Course Code	Course Title	Cat	L	T	P	C	Internal Marks	External Marks	Total Marks	
1	PROFESSIONAL ELECTIVE - V		PE	3	0	0	3	25	75	100	
2	PROFESSIONAL ELECTIVE - VI		PE	3	0	0	3	25	75	100	
3	OPEN ELECTIVE - III		OE	3	0	0	3	25	75	100	
4	CS801PW	SEMINAR	PW	0	0	4	2	100	0	100	
5	CS802PW	PROJECT STAGE-II	PW	0	0	12	6	25	75s	100	
Total				9	0	16	17	200	300	500	

T - Tutorial P - Practical D - Drawing L - Lectures C - Credits


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Table 7:

S. No.	Course Code	Course Name
PROFESSIONAL ELECTIVE - I:		
1	CS511PE	Human Computer Interaction
2	CS512PE	Advanced Databases
3	CS513PE	Programming with Python
PROFESSIONAL ELECTIVE - II:		
1	CS621PE	Multimedia Computing
2	CS622PE	Distributed Systems
3	CS623PE	Network Security
PROFESSIONAL ELECTIVE - III:		
1	CS731PE	Computer Graphics
2	CS732PE	Big Data Analytics
3	CS733PE	Software Testing
PROFESSIONAL ELECTIVE - IV:		
1	CS741PE	PHP
2	CS742PE	Cloud Computing
3	CS743PE	Artificial Intelligence
PROFESSIONAL ELECTIVE - V:		
1	CS851PE	R Programming
2	CS852PE	Internet of Things
3	CS853PE	Software Project Management
PROFESSIONAL ELECTIVE - VI:		
1	CS861PE	Mobile Computing
2	CS862PE	Cyber Forensics
3	CS863PE	Machine Learning

Table 8:

S.No	Course Code	Subject
OPEN ELECTIVE - I		
1	CS611OE	Software Engineering
2	CS612OE	Computer Networks
OPEN ELECTIVE- II		
1	CS721OE	Object Oriented Analysis and Design
2	CS722OE	Cyber forensics
OPEN ELECTIVE- III		
1	CS831OE	Software Project Management
2	CS832OE	Human Computer Interaction

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Table 9:

S.No.	Name of the Course (Theory)	Year / Semester	Programme
1	Discrete Mathematical Structures	II / I	B.Tech (CSE)
2	Data Structures	II / I	B.Tech (CSE)
3	Object Oriented Programming	II / I	B.Tech (CSE)
4	Design and Analysis of Algorithms	II / II	B.Tech (CSE)
5	Computer Organization	II / II	B.Tech (CSE)
6	Formal Languages and Automata Theory	II / II	B.Tech (CSE)
7	Java Programming	II / II	B.Tech (CSE)
8	Database Management Systems	II / II	B.Tech (CSE)

The Members elaborately discussed the existing course structure and syllabus of R14, R15 B.Tech CSE and affiliating university JNTUH & R18 B.Tech CSE proposed course structure.

The Chairman of BoS for CSE presented the list of lab experiments to be conducted for various laboratory courses listed in the Table 10.

Table 10:

S.No.	Name of the Course	Year / Semester	Programme
1	Data Structures & Object Oriented Programming Lab	II / I	B. Tech
2	Java Programming Lab	II / II	B. Tech
3	Database Management Systems Lab	II / II	B. Tech

Resolution (1): The members, after critical discussion, approved the R18 B.Tech (CSE) course structure for II B. Tech, and syllabus to be taught for II B. Tech I and II Semesters.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the R18 II B. Tech (CSE) as per Table 10. The members advised that at least 90% of experiments should be completed in a semester for the labs mentioned in Table 10.

Noted and Approved.

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Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about proposed distribution of marks and weightage of syllabus and presented Question paper pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The proposed distribution of marks and weightage of syllabus of the Examinations are approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalize panel of examiners to conduct examinations of II B. Tech I and II semesters for the A.Y.2019-20.

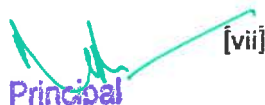
Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

**Board of Studies
Department of CSE**



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**Annexure-I
Course Structure**

B.Tech CSE R18 Regulation under CBCS

S.No	Name of the Course	Course Category	Course Type	Year/Semester
1	Mathematics - I	BS	Theory	I/I
2	Applied Physics	BS	Theory	I/I
3	Basic Electrical Engineering	ES	Theory	I/I
4	Programming for Problem Solving - I	ES	Theory	I/I
5	Engineering Graphics	ES	Drawing	I/I
6	English Language Communication Skills Lab - I	HS	Laboratory	I/I
7	Programming for Problem Solving - I Lab	ES	Laboratory	I/I
8	Applied Physics Lab	BS	Laboratory	I/I
9	Basic Electrical Engineering Lab	ES	Laboratory	I/I
10	Mathematics - II	BS	Theory	I/II
11	Engineering Chemistry	BS	Theory	I/II
12	English	HS	Theory	I/II
13	Programming for Problem Solving - II	ES	Theory	I/II
14	Engineering Chemistry Lab	BS	Laboratory	I/II
15	Engineering Workshop	ES	Laboratory	I/II
16	Programming for Problem Solving - II Lab	ES	Laboratory	I/II
17	English Language Communication Skills Lab – II	HS	Laboratory	I/II
18	Probability and Statistics	BS	Theory	II/I
19	Digital Logic Design	ES	Theory	II/I
20	Electronic Devices and Circuits	ES	Theory	II/I
21	Discrete Mathematical Structures	PC	Theory	II/I
22	Data Structures	PC	Theory	II/I
23	Object Oriented Programming	PC	Theory	II/I
24	Electronic Devices and Circuits Lab	ES	Laboratory	II/I
25	Data Structures & Object Oriented Programming Lab	PC	Laboratory	II/I
26	Gender Sensitization	MC	Theory	II/I

27	Environmental Science	BS	Theory	II/II
28	Design and Analysis of Algorithms	PC	Theory	II/II
29	Computer Organization	PC	Theory	II/II
30	Formal Languages and Automata Theory	PC	Theory	II/II
31	Java Programming	PC	Theory	II/II
32	Database Management Systems	PC	Theory	II/II
33	Java Programming Lab	PC	Laboratory	II/II
34	Database Management Systems Lab	PC	Laboratory	II/II
35	Human Values and Professional Ethics	MC	Theory	II/II
36	Computer Networks	PC	Theory	III/I
37	Operating Systems	PC	Theory	III/I
38	Compiler Design	PC	Theory	III/I
39	Software Engineering	PC	Theory	III/I
40	Microprocessors and Microcontrollers	PC	Theory	III/I
41	Human Computer Interaction (PE-I)	PE	Theory	III/I
42	Advanced Databases (PE-I)	PE	Theory	III/I
43	Programming with Python (PE-I)	PE	Theory	III/I
44	Advanced English Communication Skills Lab	HS	Laboratory	III/I
45	Operating Systems and Computer Networks Lab	PC	Laboratory	III/I
46	Constitution of India	MC	Theory	III/I
47	Managerial Economics and Financial Analysis	HS	Theory	III/II
48	Data Warehousing and Data Mining	PC	Theory	III/II
49	Object Oriented Analysis and Design	PC	Theory	III/II
50	Web Technologies	PC	Theory	III/II
51	Computer Graphics (PE-II)	PE	Theory	III/II
52	Distributed Systems (PE-II)	PE	Theory	III/II
53	Network Security (PE-II)	PE	Theory	III/II
54	Open Elective-I	OE	Theory	III/II
55	Data Mining and Object Oriented Analysis and Design Lab	PC	Laboratory	III/II
56	Web Technologies Lab	PC	Laboratory	III/II
57	Intellectual Property Rights	MC	Theory	III/II

58	Management Science	HS	Theory	IV/I
59	Linux Programming	PC	Theory	IV/I
60	Multimedia Computing (PE-III)	PE	Theory	IV/I
61	Big Data Analytics (PE-III)	PE	Theory	IV/I
62	Software Testing (PE-III)	PE	Theory	IV/I
63	PHP (PE-IV)	PE	Theory	IV/I
64	Cloud Computing (PE-IV)	PE	Theory	IV/I
65	Artificial Intelligence (PE-IV)	PE	Theory	IV/I
66	Open Elective-II	OE	Theory	IV/I
67	Linux Programming Lab	PC	Laboratory	IV/I
68	Mini project Evaluation	PW	Project	IV/I
69	Project Stage-I	PW	Project	IV/I
70	R Programming (PE-V)	PE	Theory	IV/II
71	Internet of Things (PE-V)	PE	Theory	IV/II
72	Software Project Management (PE-V)	PE	Theory	IV/II
73	Mobile Computing (PE-VI)	PE	Theory	IV/II
74	Cyber Forensics (PE-VI)	PE	Theory	IV/II
75	Machine Learning (PE-VI)	PE	Theory	IV/II
76	Open Elective-III	OE	Theory	IV/II
77	Seminar	PW	Project	IV/II
78	Project Stage-II	PW	Project	IV/II


Chairman


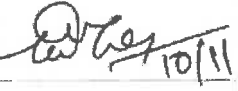

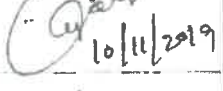
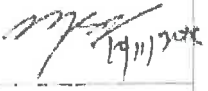



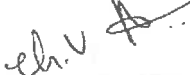
Board of Studies
Department of CSE


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Minutes of 7th Board of Studies (BoS) Meeting in the Department of Computer Science and Engineering held on 10th Nov 2019

The 7th Board of Studies (BoS) meeting, Dept. of Computer Science and Engineering, Anurag Engineering College, Ananthagiri (V & M), Suryapet (Dist), Telangana, is held on 10th Nov 2019 at 10:00 am in the Conference Hall, to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. M.V. Siva Prasad, Principal, Professor of Computer Science and Engineering, Anurag Engineering College, Ananthagiri	Chairman	
2	Dr. M. Chandra Mohan, Prof. of Comp. Sci.& Engg., & ACE, JNTUH	JNTU Nominee	 10/11/2019
3	Dr. N. Satyanarayana, Principal, Nagole Institute of Technology, Hyd.	Member	
4	Prof. P. Krishna Reddy, Prof of Comp. Sci.& Engg., IIT,Hyd.	Member	
5	Mr. E. Nagaraju Senior Head, Infosys, Hyd.	Member	
6	Dr. K. Vijaya Kumar, Prof. of Comp. Sci.& Engg, CMRCET, Hyd	Member	 10/11/2019
7	Dr. R.B.V. Subramaanyam Assoc.Prof. of Comp. Sci.& Engg , NIT, Warangal	Member	
8	Dr. M. Murugesan Prof. of Comp. Sci.& Engg, Anurag Engineering College, Ananthagiri	Member	 10/11/2019
9	Mr. P. Niranjan Kumar, Assoc.Prof. of Comp. Sci.& Engg. ,Anurag Engineering College, Ananthagiri	Member	 10/11/19
10	Mr. Y.V.R.Naga Pawan Assoc.Prof. of Comp. Sci.& Engg., Anurag Engineering College, Ananthagiri	Member	
11	Mr. G.V.S.Ch.S.L.V.Prasad Assoc.Prof. of Comp. Sci.& Engg.,Anurag Engineering College, Ananthagiri	Member	
12	Mr. Ch. Venkateswar Rao Security Consultant, IBM, Hyd	Member	 ch.v


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Suryapet (Dt.),Telangana-508203

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Minutes of 7th Board of Studies (BoS) Meeting in the Department of Computer Science and Engineering held on 10th Nov 2019

Item No. 1: Proposal of B.Tech.(CSE) Syllabus for III and IV year I and II Semesters Under R18 Regulation, and Approval

The Chairman of Board of Studies (BoS) presented the courses offered in III and IV B.Tech.(CSE) I & II Semester in Table 1 and open electives in Table 2.

Table 1:

S.No	Course code	Name of the Course (Theory)	Year / Semester	Programme
1	CS502PC	Operating Systems	III / I	B.Tech (CSE)
2	CS503PC	Compiler Design	III / I	B.Tech (CSE)
3	CS504PC	Software Engineering	III / I	B.Tech (CSE)
4	Professional Elective - I:		III / I	B.Tech (CSE)
	CS511PE	1. Human Computer Interaction		
	CS512PE	2. Advanced Databases		
	CS513PE-	3. Programming with Python		
5	CS602PC	Data Warehousing and Data Mining	III / II	B.Tech (CSE)
6	CS603PC	Object Oriented Analysis and Design	III / II	B.Tech (CSE)
7	CS604PC	Web Technologies	III / II	B.Tech (CSE)
8	Professional Elective - II:		III / II	B.Tech (CSE)
	CS621PE	1. Multimedia Computing		
	CS622PE	2. Distributed Systems		
	CS623PE	3. Network Security		
9	CS702PC	Linux Programming	IV / I	B.Tech (CSE)
10	Professional Elective - III:		IV / I	B.Tech (CSE)
	CS731PE	1. Computer Graphics		
	CS732PE	2. Big Data Analytics		
	CS733PE	3. Software Testing		
11	Professional Elective - IV:		IV / I	B.Tech (CSE)
	CS741PE	1. PHP		
	CS742PE	2. Cloud Computing		
	CS743PE-	3. Artificial Intelligence		
12	Professional Elective - V:		IV / II	B.Tech (CSE)
	CS851PE	1. R Programming		
	CS852PE	2. Internet of Things		
	CS853PE	3. Software Project Management		
13	Professional Elective - VI:		IV / II	B.Tech (CSE)
	CS861PE	1. Mobile Computing		
	CS862PE	2. Cyber Forensics		
	CS863PE	3. Machine Learning		


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 Suryapet (Dt.), Telangana-5082.

Table2:

S.No	Course code	Name of the Course (Theory)	Year / Semester	Offering Department
1	Open Elective- I:			
	CS611OE	1. Software Engineering	III / II	Computer Science & Engineering
	CS612OE	2. Database Management Systems	II / II	
Open Elective- II:				
2	CS721OE	1. Object Oriented Analysis and Design	IV / I	
	CS722OE	2. Cyber forensics	IV / I	
Open Elective- III:				
3	CS831OE	1. Software Project Management	IV / II	
	CS832OE	2. Human Computer Interaction	IV / II	

The Members elaborately discussed the existing syllabus of R14, R15 B.Tech CSE and affiliating university JNTUH & R18 B.Tech CSE proposed III and IV year syllabus in Annexure-I.

The Chairman of BoS for CSE presented the list of lab experiments(Annexure – II) is to be conducted for various laboratory courses listed in the Table 2.

Table 3:

S.No.	Course code	Name of the Course	Year / Semester	Programme
1	CS507PC	Operating System and Computer Networks Lab	III / I	B.Tech
2	CS605PC	Data Mining and Object Oriented Analysis and Design Lab	III / II	B.Tech
3	CS606PC	Web Technologies Lab	III / II	B.Tech
4	CS703PC	Linux Programming Lab	IV / I	B.Tech

Resolution (1): The members, after critical discussion, approved the R18 B.Tech (CSE) syllabus to be taught for III and IV year I and II Semesters.

Resolution (2): The members, after discussion approved list of open elective courses offered by CSE department.

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Suryapet (Dt.), Telangana-508206

Resolution (3): The members approved the list of experiments for the lab courses to be carried out in the R18 III and IV B.Tech(CSE) as per Table 3. The members advised that at least 90% of experiments should be completed in a semester for the labs mentioned in Table 3.

Noted and Approved.

Resolution (4): Finalization of substitute Subjects (Annexure-IV) for R15 Regulation students readmitted in R18 Regulation.

Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-III) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (5): The proposed distribution of marks and weightage of syllabus of the Examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (6): The board has empowered Chairman to finalize panel of examiners to conduct examinations of III and IV B. Tech I and II semesters for the A.Y.2020-21.

Resolution (7): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.


Chairman

**Board of Studies
Department of CSE**


Principal
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Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-50826.

Annexure-I
Course Structure
B.Tech CSE R18 Regulation under CBCS

S.No	Name of the Course	Course Category	Course Type	Year/Semester
1	Mathematics - I	BS	Theory	I/I
2	Applied Physics	BS	Theory	I/I
3	Basic Electrical Engineering	ES	Theory	I/I
4	Programming for Problem Solving - I	ES	Theory	I/I
5	Engineering Graphics	ES	Drawing	I/I
6	English Language Communication Skills Lab - I	HS	Laboratory	I/I
7	Programming for Problem Solving - I Lab	ES	Laboratory	I/I
8	Applied Physics Lab	BS	Laboratory	I/I
9	Basic Electrical Engineering Lab	ES	Laboratory	I/I
10	Mathematics - II	BS	Theory	I/II
11	Engineering Chemistry	BS	Theory	I/II
12	English	HS	Theory	I/II
13	Programming for Problem Solving - II	ES	Theory	I/II
14	Engineering Chemistry Lab	BS	Laboratory	I/II
15	Engineering Workshop	ES	Laboratory	I/II
16	Programming for Problem Solving - II Lab	ES	Laboratory	I/II
17	English Language Communication Skills Lab →II	HS	Laboratory	I/II
18	Probability and Statistics	BS	Theory	II/I
19	Digital Logic Design	ES	Theory	II/I
20	Electronic Devices and Circuits	ES	Theory	II/I
21	Discrete Mathematical Structures	PC	Theory	II/I
22	Data Structures	PC	Theory	II/I
23	Object Oriented Programming	PC	Theory	II/I
24	Electronic Devices and Circuits Lab	ES	Laboratory	II/I
25	Data Structures & Object Oriented Programming Lab	PC	Laboratory	II/I
26	Gender Sensitization	MC	Theory	II/I


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27	Environmental Science	BS	Theory	II/II
28	Design and Analysis of Algorithms	PC	Theory	II/II
29	Computer Organization	PC	Theory	II/II
30	Formal Languages and Automata Theory	PC	Theory	II/II
31	Java Programming	PC	Theory	II/II
32	Database Management Systems	PC	Theory	II/II
33	Java Programming Lab	PC	Laboratory	II/II
34	Database Management Systems Lab	PC	Laboratory	II/II
35	Human Values and Professional Ethics	MC	Theory	II/II
36	Computer Networks	PC	Theory	III/I
37	Operating Systems	PC	Theory	III/I
38	Compiler Design	PC	Theory	III/I
39	Software Engineering	PC	Theory	III/I
40	Microprocessors and Microcontrollers	PC	Theory	III/I
41	Human Computer Interaction (PE-I)	PE	Theory	III/I
42	Advanced Databases (PE-I)	PE	Theory	III/I
43	Programming with Python (PE-I)	PE	Theory	III/I
44	Advanced English Communication Skills Lab	HS	Laboratory	III/I
45	Operating Systems and Computer Networks Lab	PC	Laboratory	III/I
46	Constitution of India	MC	Theory	III/I
47	Managerial Economics and Financial Analysis	HS	Theory	III/II
48	Data Warehousing and Data Mining	PC	Theory	III/II
49	Object Oriented Analysis and Design	PC	Theory	III/II
50	Web Technologies	PC	Theory	III/II
51	Computer Graphics (PE-II)	PE	Theory	III/II
52	Distributed Systems (PE-II)	PE	Theory	III/II
53	Network Security (PE-II)	PE	Theory	III/II
54	Open Elective-I	OE	Theory	III/II
55	Data Mining and Object Oriented Analysis and Design Lab	PC	Laboratory	III/II
56	Web Technologies Lab	PC	Laboratory	III/II
57	Intellectual Property Rights	MC	Theory	III/II

58	Management Science	HS	Theory	IV/I
59	Linux Programming	PC	Theory	IV/I
60	Multimedia Computing (PE-III)	PE	Theory	IV/I
61	Big Data Analytics (PE-III)	PE	Theory	IV/I
62	Software Testing (PE-III)	PE	Theory	IV/I
63	PHP (PE-IV)	PE	Theory	IV/I
64	Cloud Computing (PE-IV)	PE	Theory	IV/I
65	Artificial Intelligence (PE-IV)	PE	Theory	IV/I
66	Open Elective-II	OE	Theory	IV/I
67	Linux Programming Lab	PC	Laboratory	IV/I
68	Mini project Evaluation	PW	Project	IV/I
69	Project Stage-I	PW	Project	IV/I
70	R Programming (PE-V)	PE	Theory	IV/II
71	Internet of Things (PE-V)	PE	Theory	IV/II
72	Software Project Management (PE-V)	PE	Theory	IV/II
73	Mobile Computing (PE-VI)	PE	Theory	IV/II
74	Cyber Forensics (PE-VI)	PE	Theory	IV/II
75	Machine Learning (PE-VI)	PE	Theory	IV/II
76	Open Elective-III	OE	Theory	IV/II
77	Seminar	PW	Project	IV/II
78	Project Stage-II	PW	Project	IV/II

List Of Open Electives

S.No	Name of the Course	Course Category	Course Type	Year/Semester
1	Construction Materials	OE	Theory	III/II
2	Waste Management	OE	Theory	III/II
3	Solar Photovoltaic Systems	OE	Theory	III/II
4	Electrical Power Generation Systems	OE	Theory	III/II
5	Advanced Engineering Materials	OE	Theory	III/II
6	Introduction to Automobile Engineering	OE	Theory	III/II

7	Principles of Communications	OE	Theory	III/II
8	Basic Electronic Circuits Simulation & Design	OE	Theory	III/II
9	Software Engineering	OE	Theory	III/II
10	Database Management Systems	OE	Theory	III/II
11	Disaster Management	OE	Theory	IV/I
12	Remote Sensing and Geographic Information System	OE	Theory	IV/I
13	Maintenance of Electrical Systems	OE	Theory	IV/I
14	Renewable Energy Sources	OE	Theory	IV/I
15	Fundamentals of Refrigeration & Air Conditioning	OE	Theory	IV/I
16	Industrial Robotics	OE	Theory	IV/I
17	Principles of Signal Processing	OE	Theory	IV/I
18	Nano Materials and Technology	OE	Theory	IV/I
19	Object Oriented Analysis and Design	OE	Theory	IV/I
20	Cyber Forensics	OE	Theory	IV/I
21	Project Management	OE	Theory	IV/II
22	Safety Engineering	OE	Theory	IV/II
23	Electrical Engineering Materials	OE	Theory	IV/II
24	Fuzzy Logic and its Applications	OE	Theory	IV/II
25	Power Plant Engineering	OE	Theory	IV/II
26	Nano Technology	OE	Theory	IV/II
27	Fundamentals of Embedded Systems	OE	Theory	IV/II
28	Biometric Systems	OE	Theory	IV/II
29	Software Project Management	OE	Theory	IV/II
30	Human Computer Interaction	OE	Theory	IV/II





Service Courses offered by CSE Department

S.No	Name of the Course	Course Category	Course Type	Department	Year/Semester
1	Computer Organization	PE	Theory	EEE	III/I
2	Computer Networks	PC	Theory	EEE	III/II
3	Computer Networks	PC	Theory	ECE	III/II
4	Java Programming	PE	Theory	ECE	III/I
5	Network Security	PE	Theory	ECE	IV/I
6	Internet of Things	PE	Theory	ECE	IV/II
7	Scripting Languages	PE	Theory	ECE	IV/II



Chairman

Board of Studies
Department of CSE



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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**B. TECH. COMPUTER SCIENCE AND ENGINEERING****I YEAR**

Code	Subject	L	T/P/D	C
A10001	English	2	-	4
A10002	Mathematics – I	3	1	6
A10003	Mathematical Methods	3	-	6
A10004	Engineering Physics	3	-	6
A10005	Engineering Chemistry	3	-	6
A10501	Computer Programming	3	-	6
A10301	Engineering Drawing	2	3	6
A10581	Computer Programming Lab.	-	3	4
A10081	Engineering Physics / Engineering Chemistry Lab.	-	3	4
A10083	English Language Communication Skills Lab.	-	3	4
A10082	IT Workshop / Engineering Workshop	-	3	4
	Total	19	16	56

II YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A30008	Probability and Statistics	4	-	4
A30504	Mathematical Foundations of Computer Science	4	-	4
A30502	Data Structures	4	-	4
A30401	Digital Logic Design	4	-	4
A30404	Electronic Devices and Circuits	4	-	4
A30202	Basic Electrical Engineering	4	-	4
A30282	Electrical and Electronics Lab	-	3	2
A30582	Data Structures Lab	-	3	2
	Total	24	6	28

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II YEAR II SEMESTER


Code	Subject	L	T/P/D	C
A40506	Computer Organization	4	-	4
A40507	Database Management Systems	4	-	4
A40503	Java Programming	4	-	4
A40009	Environmental studies	4	-	4
A40509	Formal Languages and Automata Theory	4	-	4
A40508	Design and Analysis of Algorithms	4	-	4
A40585	Java Programming Lab	-	3	2
A40584	Database Management Systems Lab	-	3	2
	Total	24	6	28

III YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A50511	Principles of Programming Languages	4	-	4
	OPEN ELECTIVE	4	-	4
A50018	Human Values and Professional Ethics			
A50017	Intellectual Property Rights			
A50117	Disaster Management			
A50518	Software Engineering	4	-	4
A50514	Compiler Design	4	-	4
A50510	Operating Systems	4	-	4
A50515	Computer Networks	4	-	4
A50589	Operating Systems Lab	-	3	2
A50587	Compiler Design Lab	-	3	2
	Total	24	6	28

III YEAR II SEMESTER

Code	Subject	L	T/P/D	C
A60521	Distributed Systems	4	-	4
A60522	Information Security	4	-	4
A60524	Object Oriented Analysis and Design	4	-	4
A60525	Software Testing Methodologies	4	-	4
A60010	Managerial Economics and Financial Analysis	4	-	4
A60512	Web Technologies	4	-	4
A60591	Case Tools and Web Technologies Lab	-	3	2
A60086	Advanced Communication Skills Lab	-	3	2
	Total	24	6	28


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IV YEAR I SEMESTER

Code	Subject	L	T/P/D	C
A70511	Linux Programming	4	-	4
A70530	Design Patterns	4	-	4
A70520	Data Warehousing and Data Mining	4	-	4
A70519	Cloud Computing	4	-	4
	ELECTIVE – I	4	-	4
A70540	Software Project Management			
A70532	Image processing and Pattern Recognition			
A70536	Mobile Computing			
A70529	Computer Graphics			
A70352	Operations Research			
	ELECTIVE – II	4	-	4
A70534	Machine Learning			
A70539	Soft Computing			
A70533	Information Retrieval Systems			
A70526	Artificial Intelligence			
A70628	Computer Forensics			
A70596	Linux Programming Lab	-	3	2
A70595	Data Warehousing and Mining Lab	-	3	2
	Total	24	6	28

IV YEAR II SEMESTER

Code	Subject	L	T/P/D	C
A80014	Management Science	4	-	4
	ELECTIVE III	4	-	4
A80551	Web Services			
A80538	Semantic Web and Social Networks			
A80537	Scripting Languages			
A80547	Multimedia & Rich Internet Applications			
	ELECTIVE – IV	4	-	4
A80542	Ad hoc and Sensor Networks			
A80550	Storage Area Networks			
A80543	Database Security			
A80439	Embedded Systems			
A80087	Industry Oriented Mini Project	-	-	2
A80089	Seminar	-	6	2
A80088	Project Work	-	15	10
A80090	Comprehensive Viva	-	-	2
	Total	12	21	28

Note: All End Examinations (Theory and Practical) are of three hours duration.
T-Tutorial L – Theory P – Practical D-Drawing C – Credits


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Minutes of 1st Board of Studies (BoS) Meeting of Department of Environmental Studies held on 10th June 2015

The 1st Board of Studies(BoS) meeting, Dept. of Environmental Studies, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 10th June 2015 at 14:00 hrs in the Conference Hall of Anurag Group of Institutions(CVSR Engineering College), Venkatapur(V), Ghatkesar(M), Ranga Reddy(D).

S.No.	Name of the member	Position	Signature
1	Dr. E. Shere Ali Baig	Chairman	
2	Prof. M. Vishwanadham	JNTU Nominee	
3	Dr. M.K.Reddy	Member	
4	Prof. P.Manikya Reddy	Member	
5	Prof. V. Narsimha Reddy	Member	
6	Dr. N.Y.S Murthy	Member	
7	Mr. Shivaji Patel	Member	
8	Mr. H. Venkateswara Rao	Member	
9	Mr. K. Sreekanth	Member	
10	Mr. C.Manikanta Reddy	Member	
11	J. Praneeth Reddy	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 1st Board of Studies (BoS) Meeting of Department of Environmental Studies held on 10th June 2015

Item No. 1: Proposal of Course Structure(Service Course) and Syllabus and Approval

The Chairman presented the proposed course structure(Service Course) and syllabus of Environmental Studies to the members of the Board of Studies. The Members elaborately discussed the existing syllabus of Environmental Studies and course structure of affiliating university, JNTUH, with the proposed course structure (Annexure-I).

Resolution (1) : The members after elaborate discussion approved the course structure(Service Course) and syllabus to be taught for II B.Tech(Civil, EEE, Mech., ECE, CSE) Environmental Studies I and II Semesters.

Item No. 2: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts.

Resolution (2): The Board has empowered the Chairman to finalize panel of examiners.

[Handwritten signatures]
M. M. Reddy
V. S. Reddy
C. M. Reddy

[Handwritten signature]

**Chairman
Board of Studies
Dept. of Environmental Studies**

[Handwritten signature]
Principal

**Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200**



Minutes of 2nd Board of Studies (BoS) Meeting of Department of Environmental Studies held on 23rd June 2016

The 2nd Board of Studies(BoS) meeting, Dept. of Environmental Studies, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, being held on 23rd June 2016 at 10:30AM in the Conference Hall of Anurag Engineering College.

S.No.	Name of the member	Position	Signature
1	Prof. E. Shere Ali Baig	Chairman	
2	✓ Prof. M. Vishwanadham	JNTU Nominee	
3	✓ Prof Dr. M.K.Reddy	Member	
4	✓ Prof. P.Manikya Reddy	Member	
5	Prof. V. Narsimha Reddy	Member	
6	✓ Prof. N.Y.S Murthy	Member	
7	✓ Mr B. Shivaji Patel	Member	
8	✓ Mr. H. Venkateswara Rao	Member	
9	✓ Mr. K. Sreekanth	Member	
10	✓ Mr. C.Manikanta Reddy	Member	
11	Mr.J. Praneeth Reddy	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206






ANURAG ENGINEERING COLLEGE

AUTONOMOUS

(Accredited by NBA, Approved by AICTE, New Delhi, Affiliated to JNTUH)
Ananthagiri (V), Kodad (M), Nalgonda (Dt), T.S.


Minutes of 2nd Board of Studies (BoS) Meeting of Department of
Environmental Studies held on 23rd June 2016 at Conference Hall,
Anurag Engineering College, Kodad at 12:00 PM.


The Following members were present


1. Prof. E. Shere Ali Baig 
2. Prof. M Vishwanadam
3. Prof. M.K Reddy
4. Prof. P. Manikya Reddy
5. Prof. N.Y.S Murthy 
6. Mr. B. Shivaji
7. Mr. H. Venkateswara rao
8. Mr. K. Sreekanth
9. Mr. C. Manikanta Reddy 

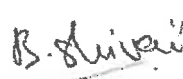
The following resolutions were adopted

1. The members after elaborate discussion approved the syllabus for II B.Tech(Civil, EEE, Mech., ECE, CSE)
2. The board empowered the chairman, BoS of Environmental Studies to finalize the examiners.

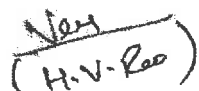
 (Dr. M. Vishwanadam)

 (Manikya Reddy)

 (M.K. Reddy)

 B. Shivaji


(Murthy)


(H.V. Rao)


(K. Sreekanth)



Chairman

Board of Studies

Dept. of Environmental Studies


Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200



Minutes of 3rd Board of Studies (BoS) Meeting in Department of Environmental Studies held on 13th March 2017

The 3rd Board of Studies(BoS) meeting, Dept. of Environmental Studies, Anurag Engineering College, Ananthagiri(V&M), Suryapet(Dist), Telangana, is held on 13th March 2017 at 10:30 hrs at the Anurag Engineering College, Conference Hall to discuss the agenda notified

S.No.	Name of the member	Position	Signature
1	Prof. E. Shere Ali Baig	Chairman	
2	Dr.V. Hima Bindhu	JNTU Nominee	
3	Dr. M.K.Reddy	Member	
4	Prof. P.Manikya Reddy	Member	
5	Prof. V. Narsimha Reddy	Member	
6	Prof. N.Y.S Murthy	Member	
7	Mr. Shivaji Patel	Member	
8	Mr. H. Venkateswara Rao	Member	
9	Mr. K. Srinivas	Member	
10	Mr. C.Manikanta Reddy	Member	
11	Mr. J. Praneeth Reddy	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 3rd Board of Studies (BoS) Meeting of Department of Environmental Studies held on 13th March 2017

Item No. 1: Proposal of Course Structure and Syllabus for II B.Tech I and II Semesters and Approval

The Chairman presented the proposed course structure (Service Course) for all the II B.Tech(Civil, EEE, Mech., ECE, CSE) I and II semesters Environmental Studies along with syllabus.

Resolution (1) : The members after elaborate discussion approved the course structure and syllabus to be taught for II B.Tech(Civil, EEE, Mech., ECE, CSE) Environmental Studies I and II Semesters.

Noted and Approved

Item No. 2: Proposal of patterns of Question paper for Mid Term and End Semester Examinations and approval.

The Chairman explained the members about the proposed distribution of marks and weightage of syllabus and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination.

Resolution (2): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of answer scripts of End-Semester Examination.

Resolution (3): The Board has empowered the Chairman to finalize panel of examiners of II B.Tech (Civil, EEE, Mech., ECE, CSE) I & II semesters for the A.Y.2017-18.

Noted and Approved.



Chairman

Board of Studies

Dept. of Environmental Studies



Principal
Anurag Engineering College
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Suryapet (Dt.), Telangana-508206



Minutes of 4th meeting of Board of Studies (BoS) on Environmental Studies held on 12th February 2019 at Anurag Engineering College in Conference Hall, Block-A at 10:30 AM

Item No. 1: Proposal of Syllabus of Environmental Studies for B.Tech program for Approval

The Chairman presented the proposed syllabus of Environmental Studies ((Service Course) which is to be offered in I semester for B.Tech. Mech Engg and ECE and in II semester for Civil Engg, EEE and CSE

Resolution (1) : The members after elaborate discussion approved the syllabus of Environmental Studies with certain modifications.

Item No. 2: Proposal of pattern of Question paper for Mid Term and End Semester Examinations for approval.

The Chairman explained the members about the question paper Pattern and distribution of marks.

Resolution (2): The proposed question paper pattern and distribution of marks as proposed were approved.

Item No.3 To approve panel of examiners

The chairman proposed panel of examiners for approval

Resolution (3): The board has empowered the Chairman to finalize panel of examiners

1	Dr. D. Hari Prasad	Chairman	
2	Dr.V. Hima Bindu	JNTU Nominee	
3	Dr. M.K.Reddy	Member	
4	Prof. P.Manikya Reddy	Member	
5	Prof. N.Y.S Murthy	Member	
6	Prof. R. Ganapathi	Member	
7	Mr. Shivaji Patel	Member	
8	Mr. H. Venkateswara Rao	Member	
9	Mr. K. Srinivas	Member	
10	Mr. C.Manikanta Reddy	Member	
11	Mr. J. Praneeth Reddy	Member	

Principal



Minutes of 1st Board of Studies (BoS) Meeting in Department of Mathematics held on 28th August 2014

The 1st Board of Studies(BoS) meeting, Dept. of Mathematics, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 28th August 2014 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. V. Srinivasa Rao	Chairman	
2	Prof. M. A. Srinivas	JNTU Nominee	
3	Dr. Anantha Laxminarayana	Member	
4	Prof. A.Ramu	Member	
5	Dr. P.Raja Reddy	Member	
6	Prof.K.Satyanarayana	Member	
7	Prof. M.GopalRao	Member	
8	Dr. B.Srivathsa	Member	
9	Prof. L. Ananda Babu	Member	
10	Mr. G. Venkata Krishna	Member	
11	Mr. T. Naga Raju	Member	
12	Mr. N. Koti Reddy	Member	

Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 1st Board of Studies (BoS) Meeting in Department of Mathematics
held on 28th August 2014**

Item No. 1: Proposal of Syllabus for I B.Tech I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Members elaborately discussed existing I B.Tech syllabus of affiliating university, JNTUH, with the proposed syllabus for the courses in Table 1.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-I	I / I	B.Tech
2	Mathematics-II	I / II	B.Tech
3	Mathematics-III	I / II	B.Tech

Resolution (1) : The members after critical discussion approved the syllabus to be taught for I B.Tech I and II Semester as mentioned in Table 1.

Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.


The chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
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Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of I B.Tech- I & II semesters for the A.Y.2014-15.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

**Board of Studies
Department of Mathematics**


Principal
**Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-50820C**

Annexure – II

UG		Internal				End Semester	Total
Theory	Mid Term I (25 Marks) Duration 90 Minutes	Assignment (5 Marks) To be submitted before the start date of Mid Term - I Examinations	Subjective Test (20 Marks)	Assignment (5 Marks) To be submitted before the start date of Mid Term - II Examinations	Subjective Test (20 Marks)	75 Marks	100 Marks
	7 th Week of Instruction	8 th week of Instruction	14 th Week of Instruction	15 th Week of Instruction	Duration: 180 Minutes		
	Unit-I, Unit-II and 50% of Unit-III					Remaining 50 % of Unit-III, Unit-IV and Unit-V	
	Average of Mid-I and Mid-II shall be considered						
Lab	Mid Term I (25 Marks) Duration 150 Minutes	Practical Test (10 Marks)	Day to Day Evaluation (15 Marks)	Practical Test (10 Marks)	Day to Day Evaluation (15 Marks)	50 Marks	75
	Day to Day Evaluation (15 Marks)	7 th Week	14 th Week	Remaining 50% of Experiments	Duration: 180 Minutes		
	First 50% of Experiments					Remaining 50% of Experiments	
	Average of Mid-I and Mid-II shall be considered						


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Annexure – II

UG End Semester Question Paper Pattern

Theory	Mid Term1	Assignment	Unit-I, Unit-II and 50% of Unit-III	Unit-1 & 2: 2 Questions each Unit – 3: 1 Question from 50% of Unit-3
		Subjective Test		Part – A : 5 Marks (All) Part – B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
	Mid Term2	Assignment	Remaining 50 percent of Unit-II, Unit-IV and Unit-V	Unit-3: 1 Question remaining 50% of Unit-3 Unit – 4 & 5: 2 Questions Each
		Subjective Test		Part – A : 5 Marks (All) Part – B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
End Semester	—	5 Units	Part-A : 25 Marks (All questions to Answer) Part-B : 50 Marks (5 questions with Internal Choice from each Unit and each carries 10 Marks)	



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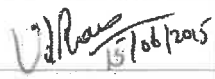


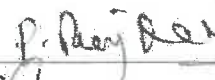






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**Minutes of 2nd Board of Studies (BoS) Meeting in Department of Mathematics
held on on 15th June 2015**

The 2nd Board of Studies(BoS) meeting, Dept. of Mathematics, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, held on 15th june 2015 at Anurag Group of Institutions, Hyderabad 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. V. Srinivasa Rao	Chairman	
2	Prof. M. A. Srinivas	JNTU Nominee	
3	Dr. Anantha Laxminarayana	Member	
4	Prof. A.Ramu	Member	
5	Dr. P.Raja Reddy	Member	
6	Prof.K.Satyanarayana	Member	
7	Prof. M.GopalRao	Member	
8	Dr. B.Srivathsa	Member	
9	Prof. L. Ananda Babu	Member	
10	Mr. G. Venkata Krishna	Member	
11	Mr. T. Naga Raju	Member	
12	Mr. N. Koti Reddy	Member	

**Minutes of 2nd Board of Studies (BoS) Meeting in Department of Mathematics
held on 15th June 2015**

Item No. 1: Proposal of Syllabus for II B.Tech I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Members elaborately discussed existing II B.Tech syllabus of affiliating university, JNTUH, with the proposed syllabus for the courses in Table 1.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-IV	II / I	II / I B.Tech(EEE&ECE)
2	Probability & Statistics	II / I, II/II	II / I B.Tech(CSE) II / II MECH & CIVIL
3	Mathematics-III	II / I	II / I B.Tech(MECH&CIVIL)

Resolution (1): The members after critical discussion approved the syllabus to be taught for II B.Tech I and II Semester as mentioned in Table 1.

The Chairman informed the members the syllabus approved for the courses in the First BoS as per Table 2 are followed for the coming academic years ie from 2015-16, until further revisions are made to those courses.

Table 2

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-I	I / I	B.Tech
2	Mathematics-II	I / II	B.Tech
3	Mathematics-III	I / II	B.Tech

Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.


Principal
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Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

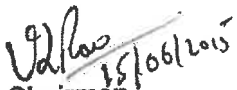
Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of II B.Tech- I & II semesters for the A.Y.2015-16.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.


15/06/2015
Chairman

**Board of Studies
Department of Mathematics**


Principal

**Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206**



**Minutes of 3rd Board of Studies (BoS) Meeting in Department of Mathematics
held on 14th May 2016**

The 3rd Board of Studies(BoS) meeting, Dept. of Mathematics, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, held on 14th May 2016 at 10:00hrs in the Anurag Central Office ,Hyderabad to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. V. Srinivasa Rao	Chairman	
2	Prof. M. A. Srinivas	JNTU Nominee	
3	Dr. Anantha Laxminarayana	Member	
4	Prof. A.Ramu	Member	
5	Dr. P.Raja Reddy	Member	
6	Prof.K.Satyanarayana	Member	
7	Prof. M.GopalRao	Member	
8	Dr. B.Srivathsa	Member	
9	Prof. L. Ananda Babu	Member	CA 14/5/2016
10	Mr. G. Venkata Krishna	Member	
11	Mr. T. Naga Raju	Member	
12	Mr. N. Koti Reddy	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 3rd Board of Studies (BoS) Meeting in Department of Mathematics
held on 14th May 2016**

Item No. 1: Proposal of Syllabus for II B.Tech I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Chairman informed the members the syllabus approved for the courses in the Second BoS as per Table 1 are followed for the coming academic years ie from 2016-17, until further revisions are made to those courses.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-IV	II / I	II / I B.Tech(EEE&ECE)
2	Probability & Statistics	II / I, II/II	II / I B.Tech(CSE) II / II MECH & CIVIL
3	Mathematics-III	II / I	II / I B.Tech(MECH&CIVIL)

Resolution (1): The members after critical discussion approved the syllabus to be taught for II B.Tech I and II Semester as mentioned in Table 1.

The Chairman informed the members the syllabus approved for the courses in the First BoS as per Table 2 are followed for the coming academic years ie from 2016-17, until further revisions are made to those courses.

Table 2

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-I	I / I	B.Tech
2	Mathematics-II	I / II	B.Tech
3	Mathematics-III	I / II	B.Tech

Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.


Principal
Anurag Engineering College
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Suryapet (Dt.), Telangana-508206

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

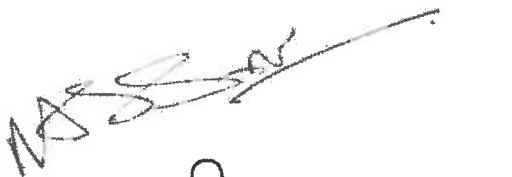
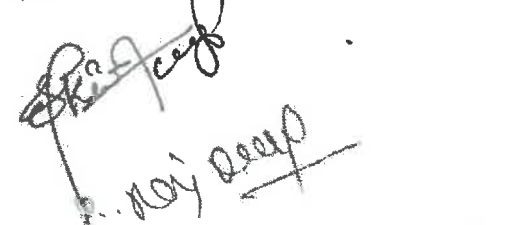
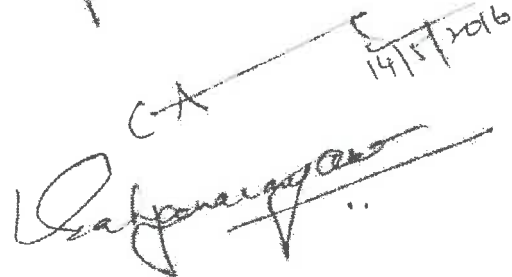
Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of II B.Tech- I & II semesters for the A.Y.2016-17.

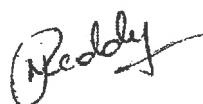
Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.


Chairman

Board of Studies
Department of Mathematics



CA 
14/5/2016




Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



**Minutes of 4th Board of Studies (BoS) Meeting in the Department of Mathematics
held on 13th March 2017**

The 4th Board of Studies(BoS) meeting, of Dept. of Mathematics, Anurag Engineering College, Ananthagiri (mandal), Suryapet (Dist), Telangana, held on 13th March 2017 at 11:00 AM in the Anurag Engineering College to discuss the agenda notified.

S.No	Name of the member	Position	Signature
1	Dr. G. Madhava Rao, Assoc. Professor, AEC, Kodad.	Chairman	
2	Dr. B. Ravindra Reddy, Asst. Professor, JNTUH CEJ	JNTUH Nominee	
3	Dr. D. Srinivasacharya, Assoc. Professor, NIT Warangal.	Member	
4	Dr. P. Anatha Lakshmi Narayana, Assoc. Professor, IIT Hyderabad.	Member	
5	Dr. T. Vamshi Krishna, Senior Consultant, Subject Matter Expert, Hyderabad.	Member	
6	Prof. L. Ananda Babu, Professor, CVSR, Hyderabad.	Member	
7	Dr. V. Srinivasa Rao, Assoc. Professor, CVSR, Hyderabad.	Member	
8	Mr. G. Venkata Krishna, Asst. Professor, AEC, Kodad.	Member	
9	Mr. T. Naga Raju, Asst. Professor, AEC, Kodad.	Member	
10	Mr. N. Koti Reddy, Asst. Professor, AEC, Kodad.	Member	
11	Mr. Ch. Bhaskar Reddy, Asst. Professor, AEC, Kodad.	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 4th Board of Studies (BoS) Meeting in the Department of Mathematics
held on 13th March 2017**

Item No. 1: Continuation of the present syllabus

The Chairman of BoS (Mathematics) informed the members that the syllabus designed in the third BoS as per table 1 is to be implemented for the academic year 2017-18, until further revisions are made to those courses.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-IV	II / I	II / I B.Tech(EEE&ECE)
2	Probability & Statistics	II / I, II/II	II / I B.Tech(CSE) II / II MECH & CIVIL)
3	Mathematics-III	II / I	II / I B.Tech(MECH&CIVIL)

The Chairman also informed the members the syllabus approved for the courses in the First BoS as per Table 2 are followed for the coming academic years i.e. from 2017-18, until further revisions are made to those courses.

Table 2

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-I	I / I	B.Tech
2	Mathematics-II	I / II	B.Tech
3	Mathematics-III	I / II	B.Tech

Resolution (1): The members are approved the syllabus to be taught for I B.Tech, II B.Tech I and II Semester as mentioned in Table 1 and 2 .

Noted and Approved.


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Anurag Engineering College
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Suryapet (Dt.), Telangana-508206

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weight age of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination.

Resolution (2): The proposed distribution of marks and weight age of syllabus of the examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (3): The board has empowered Chairman to finalize panel of examiners for conduct examinations of I B.Tech, II B.Tech - I & II semesters for the A.Y.2017-18.


Resolution (4): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Board of Studies

Department of Mathematics




Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt), Telangana-508206



**Minutes of 5th Board of Studies (BoS) Meeting in Department of Mathematics
held on 16th July 2018**

The 5th Board of Studies (BoS) meeting of Dept. of Mathematics, Anurag Engineering College, Ananthagiri(V&M), Suryapeta(Dist), Telangana, held on 16th July 2018 at 11:00A.M in the Anurag Engineering College, Kodad to discuss the agenda notified.

S.No	Name of the member	Position	Signature
1	Dr. P. Jyothi, Assoc. Asst.Professor,AEC, Kodad.	Chairman	P. Jyothi
2	Dr. Ravindra Reddy, Asst. Professor, JNTUH.	JNTUH Nominee	BR Reddy
3	Dr. D. Srinivasacharya, Assoc. Professor, NIT Warangal.	Member	D. Srinivasacharya
4	Dr. Anantha Laxminarayana, Assoc. Professor, IIT Hyderabad.	Member	Anantha Laxminarayana
5	Dr.T.Vamshi Krishna, Senior Consultant, Subject Matter Expert, Hyderabad.	Member	T.Vamshi Krishna
6	Dr G Madhavarao, Assoc. Professor, KL University, Hyderabad.	Member	G Madhavarao
7	Dr. V. Srinivasarao, Assoc. Professor, CVSR, Hyderabad.	Member	V. Srinivasarao
8	Mr. T. Naga Raju, Head,Dept of H&S, AEC, Kodad	Member	T. Naga Raju
9	Mr. G. Venkata Krishna, Asst. Professor, AEC, Kodad.	Member	G. V. Krishna
10	Mr. N. Koti Reddy, Asst. Professor, AEC, Kodad.	Member	N. Koti Reddy
11	Mr. Ch. Bhaskar Reddy, Asst. Professor, AEC, Kodad.	Member	Ch. Bhaskar Reddy


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200

Minutes of 5th Board of Studies (BoS) Meeting in Department of Mathematics held on 16th July 2018

The 5th Board of Studies(BoS) meeting, Dept. of Mathematics, Anurag Engineering College, Ananthagiri(V&M),Suryapeta(Dist), Telangana, is held on 16th July 2018 at 11:00 hrs in the Conference Hall to discuss the agenda notified.

Item No. 1: Proposal of Syllabus for I B.Tech I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Members elaborately discussed existing I B.Tech syllabus of affiliating university, JNTUH, with the proposed syllabus for the courses in Table 1.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-I	I / I	B.Tech
2	Mathematics-II	I / II	B.Tech

Resolution (1) : The members after critical discussion approved the syllabus to be taught for I B.Tech I and II Semester as mentioned in Table 1.

Noted and Approved.

Item No. 2: Proposal of Syllabus for II B.Tech – I & II Semester and Approval for R-18 Regulation.


The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Members elaborately discussed existing II B.Tech syllabus of affiliating university, JNTUH, with the proposed syllabus for the courses in Table 2.

Table 2:

S.No.	Name of the Course	Year / Semester	Programme
1	Probability and Statistics	II / I	B.Tech(CIV&CSE)
2	Mathematics-III	II / I	B.Tech(EEE,ECE)
3	NMPDE	II / I	B.Tech(ME)
4	Mathematics-IV	II / II	B.Tech(EEE,ECE)
	Probability and Statistics	II / II	B.Tech(MECH)

Resolution (2): The members after critical discussion approved the syllabus to be taught for II B.Tech I and II Semester for R-18 Regulation as mentioned in Table 2.

Noted and Approved.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



Minutes of 6th Board of Studies (BoS) Meeting in Department of Mathematics held on 11th November 2019

The 6th Board of Studies (BoS) meeting of Dept. of Mathematics, Anurag Engineering College, Ananthagiri(V&M), Suryapeta(Dist), Telangana, held on 11th November 2019 at 11:00A.M in the Anurag Engineering College, Kodad to discuss the agenda notified.

S.No	Name of the member	Position	Signature
1	Mr. T. Naga Raju, Assoc. Prof of Mathematics, HoD, H&S, AEC, Kodad	Chairman	
2	Dr. M.N. Raja Shekar, Prof., of Mathematics, JNTUH CEJ	JNTU Nominee	
3	Dr. D. Srinivasacharya, Prof of Mathematics, NIT Warangal	Member	
4	Dr.T.Vamshi Krishna, Senior Consultant, Subject Matter Expert, Hyderabad	Member	
5	Dr. V. Srinivasa Rao, Assoc. Prof, CVSR, Hyderabad	Member	
6	Dr. G. Madhavarao, Assoc. Prof of Mathematics, KLH	Member	
7	Dr. B. Shashidhar Reddy, Assoc. Prof, SNIST, Hyd	Member	
8	Dr P. Jyothi, Assoc. Prof, AEC, Kodad.	Member	
9	Mr. G. Venkata Krishna, Assoc. Prof, AEC, Kodad	Member	
10	Nch Sridhar, Asst. Prof, AEC, Kodad.	Member	
11	P.G. Brahma Chary, Asst. Prof, AEC, Kodad.	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt), Telangana-508206

Minutes of 6th Board of Studies (BoS) Meeting in Department of Mathematics held on 11th November 2019

The 6th Board of Studies(BoS) meeting, Dept. of Mathematics, Anurag Engineering College, Ananthagiri(V&M), Suryapeta(Dist), Telangana, is on 11th November 2019 at 11:00A.M hrs in the Conference Hall to discuss the agenda notified.

Item No. 1: Review of I & II B. Tech Syllabus

The Chairman of Board of Studies (BoS) presented the syllabus to review the following Courses in the Table 1 & 2 for R-18 regulations. The following syllabus is continued since academic year 2018-19.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Mathematics-I	I / I	B.Tech
2	Mathematics-II	I / II	B.Tech

Table 2:


S.No.	Name of the Course	Year / Semester	Programme
1	Probability and Statistics	II / I	B.Tech(CIV & CSE)
2	Mathematics-III	II / I	B.Tech(EEE & ECE)
3	Mathematics-III(NMPDE)	II / I	B.Tech(MECH)
4	Mathematics-IV	II / II	B.Tech(EEE & ECE)
5	Probability and Statistics	II / II	B.Tech(MECH)


Resolution (1): The Members elaborately reviewed existing I & II B.Tech syllabus, Course objectives and Course outcomes for the courses in Table 1&2.

Noted and Approved.

Suggestions:


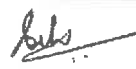

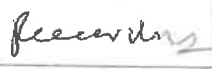

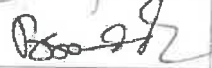



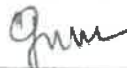


1. It is suggested to introduce (NMPDE) Numerical Methods and Partial Differential Equations for civil engineering.
2. It is suggested to offer one open elective for III B. Tech and one open elective for III B. Tech
 - a) Optimization Techniques III B. Tech
 - b) Numerical Solutions of partial differential equations III B. Tech
 - c) Operation Research IV B. Tech
 - d) Finite Elements Method IV B. Tech
3. It is suggested to introduce Logical Reasoning and Quantitative Aptitude for B. Tech as credit Course.
- 4.


Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206


Chairman
Board of Studies
Department of Mathematics

Minutes of 1st Board of Studies (BoS) Meeting in Department of Physics held on 28th August 2014

The 1st Board of Studies(BoS) meeting, Dept. of Physics, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 28th August 2014 at 14:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. B. Koti Reddy	Chairman	
2	Prof. Chandralingam	JNTU Nominee	
3	Prof. P.Venu Gopal Reddy	Member	
4	Prof. P. Veeresham	Member	
5	Dr. P.Venkat Reddy	Member	
6	Dr. B. Srinivasa Reddy	Member	
7	Dr. T. Srikanth	Member	
8	Prof. M. Mutha Reddy	Member	
9	Dr. Ranga Rao	Member	
10	Mrs. M. Naga Mani	Member	
11	Mrs. Y. Sridevi	Member	
12	Mr. S. Veera Sekhar	Member	

Minutes of 1st Board of Studies (BoS) Meeting in Department of Physics held on 28th August 2014

Item No. 1: Proposal of Syllabus for I B.Tech I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Members elaborately discussed existing I B.Tech syllabus of affiliating university, JNTUH, with the proposed syllabus for the courses in Table 1.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Engineering Physics-I	I / I	B.Tech
2	Engineering Physics-II	I / II	B.Tech

The Chairman of BoS for Physics presented the list of lab experiments (Annexure – II) to be conducted for various laboratory courses listed in Table 2.

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Engineering Physics Lab-I	I / I	B.Tech
2	Engineering Physics Lab-II	I / II	B.Tech

Resolution (1) : The members after critical discussion approved the syllabus to be taught for I B.Tech I and II Semester as mentioned in Table 1.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of I B.Tech- I & II semesters for the A.Y.2014-15.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

Board of Studies

Department of Physics



Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-50820.

Annexure – II

UG	Internal				End Semester	Total
	Mid Term I (25 Marks) Duration 90 Minutes		Mid Term II (25 marks) Duration 90 Minutes			
Theory	Assignment (5 Marks) To be submitted before the start date of Mid Term - I Examinations	Subjective Test (20 Marks)	Assignment (5 Marks) To be submitted before the start date of Mid Term - II Examinations	Subjective Test (20 Marks)	75 Marks Duration: 180 Minutes	100 Marks
	7 th Week of Instruction	8 th week of Instruction	14 th Week of Instruction	15 th Week of Instruction		
	Unit-I, Unit-II and 50% of Unit-III					
Average of Mid-I and Mid-II shall be considered						
Lab	Mid Term I (25 Marks) Duration 150 Minutes		Mid Term II (25 marks) Duration 150 Minutes		50 Marks Duration: 180 Minutes	75
	Day to Day Evaluation (15 Marks)	Practical Test (10 Marks)	Day to Day Evaluation (15 Marks)	Practical Test (10 Marks)		
		7 th Week		14 th Week		
	First 50% of Experiments					
Average of Mid-I and Mid-II shall be considered						


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Annexure – II

UG End Semester Question Paper Pattern				
Theory	Mid Term 1	Assignment	Unit-I, Unit-II and 50% of Unit-III	Unit-1 & 2: 2 Questions each Unit – 3: 1 Question from 50% of Unit-3
		Subjective Test		Part – A : 5 Marks (All) Part – B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
	Mid Term 2	Assignment	Remaining 50 percent of Unit-III, Unit-IV and Unit-V	Unit-3: 1 Question remaining 50% of Unit-3 Unit – 4 & 5: 2 Questions Each
		Subjective Test		Part – A : 5 Marks (All) Part – B : 15 Marks (3 out 5) or (3 questions with Internal Choice)
	End Semester	-----	5 Units	Part-A : 25 Marks (All questions to Answer) Part-B : 50 Marks (5 questions with Internal Choice from each Unit and each carries 10 Marks)

M. Nithya Reddy



Minutes of 2nd Board of Studies (BoS) Meeting in Department of Physics held on 21st September 2015

The 2nd Board of Studies(BoS) meeting, Dept. of Physics, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 21st September 2015 at 14:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. B. Koti Reddy	Chairman	
2	Prof. Chandralingam	JNTU Nominee	
3	Prof. P.Venu Gopal Reddy	Member	
4	Prof. P. Veeresham	Member	
5	Dr. .P.Venkat Reddy	Member	
6	Dr. B. Srinivasa Reddy	Member	
7	Dr. T. Srikanth	Member	
8	Prof. M. Mutha Reddy	Member	
9	Dr. Ranga Rao	Member	
10	Mrs. M. Naga Mani	Member	
11	Mrs. Y. Sridevi	Member	
12	Mr. S. Veera Sekhar	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt), Telangana-508206

**Minutes of 2nd Board of Studies (BoS) Meeting in Department of Physics held
on 21st September 2015**

Item No. 1: Continuation of the present syllabus

The Chairman of Bos (physics) informed the members that the syllabus designed in the Academic year 2014-15 is to be implemented for the academic year 2015-16 as per given tables 1 & 2. The details of the courses are tabulated in table 1 and table 2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Engineering Physics-I	I / I	B.Tech
2	Engineering Physics-II	I / II	B.Tech

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Engineering Physics Lab-I	I / I	B.Tech
2	Engineering Physics Lab-II	I / II	B.Tech

Resolution: The members after critical discussion unanimously decided to implement the existing syllabus for the courses mentioned in table 1 and table 2 for the A.Y 2015-2016.

Noted and Approved.

Item No. 2: panel of examiners: The chairman informed the members about the necessity of having panel of the examiners for the academic year 2015-2016.

Resolution : The members unanimously empowered the chairman to finalize the panel of the examiners.

Noted and Approved.



Chairman

Board of Studies

Department of Physics



Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



**Minutes of 3rd Board of Studies (BoS) Meeting in the Department of Physics
held on 20th June 2016**

The 3rd Board of Studies(BoS) meeting, Dept. of Physics, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 20th June 2016 at 10.00 AM in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. B. Koti Reddy	Chairman	
2	Prof. Chandralingam	JNTU Nominee	
3	Prof. P.Venu Gopal Reddy	Member	
4	Prof. P. Veeresham	Member	
5	Dr. P.Venkat Reddy	Member	
6	Dr. B. Srinivasa Reddy	Member	
7	Dr. T. Srikanth	Member	
8	Prof. M. Mutha Reddy	Member	
9	Dr. Ranga Rao	Member	
10	Mrs. M. Naga Mani	Member	
11	Mrs. Y. Sridevi	Member	
12	Mr. S. Veera Sekhar	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 3rd Board of Studies (BoS) Meeting in the Department of Physics
held on 20th June 2016**

Item No. 1: Continuation of the present syllabus

The Chairman of Bos (physics) informed the members that the syllabus designed in the Academic year 2014-15 is to be implemented for the academic year 2016-17 as per given tables 1 & 2. The details of the courses are tabulated in table 1 and table 2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Engineering Physics-I	I / I	B.Tech
2	Engineering Physics-II	I / II	B.Tech

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Engineering Physics Lab-I	I / I	B.Tech
2	Engineering Physics Lab-II	I / II	B.Tech

Resolution: The members after critical discussion unanimously decided to implement the existing syllabus for the courses mentioned in table 1 and table 2 for the A.Y 2016-2017.

Noted and Approved.

Item No. 2: panel of examiners: The chairman by virtue of his legitimate authenticity approved the present panel of examiners to be retained for the academic year 2016-2017 with one accord.

Noted and Approved.


Chairman


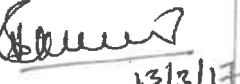

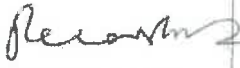

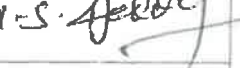

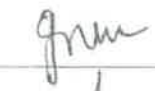
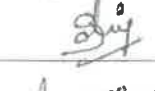
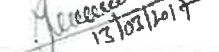
**Board of Studies
Department of Physics**



Anureg Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



**Minutes of 4th Board of Studies (BoS) Meeting in Department of Physics held
on 13th March 2017**

The 4th Board of Studies(BoS) meeting, of Dept. of Physics, Anurag Engineering College, Ananthagiri (Mandal), Suryapet (Dist), Telangana, held on 13th March 2017 at 11:00 AM in the Anurag Central Office to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. Sk. Umar Pasha	Chairman	 13/03/17
2	Dr. K. Vijaya Kumar	JNTUH Nominee	 13/3/17
3	Prof. P. Venugopal Reddy	Member	
4	Prof. P. Veresham	Member	
5	Dr. P. Venkat Reddy	Member	
6	Dr. M Srinivasa Reddy	Member	
7	Mr. P. Narasimha Rao	Member	
8	Mr. M. Narasimha Rao	Member	
9	Mrs. G. Nagamani	Member	
10	Mrs. Y. Sridevi	Member	
11	Mr. Y. V. N Dhamodar	Member	 13/03/2017


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 4th Board of Studies (BoS) Meeting in the Department of Physics
held on 13th March 2017**

Item No. 1:

The Chairman informed the members the syllabus approved for the courses in the third BoS as per Table 1 are followed for the coming academic years i.e. from 2017-18, until further revisions are made to those courses.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Engineering Physics-I	I / I	B.Tech (CIVIL, EEE, MECH, ECE & CSE)
2	Engineering Physics-II	I / II	B.Tech (CIVIL, EEE, MECH, ECE & CSE)


The Chairman informed the members the syllabus approved for the courses in the First BoS as per Table 2 are followed for the coming academic years i.e. from 2017-18, until further revisions are made to those courses.

Table 2

S.No.	Name of the Course	Year / Semester	Programme
1	Engineering Physics Lab - I	I / I	B.Tech (CIVIL & MECH)
2	Engineering Physics Lab	I / I	B.Tech (EEE & ECE)
3	Engineering Physics Lab - II	I / II	B.Tech (CIVIL & MECH)
4	Engineering Physics	I / II	B.Tech (CSE)

Resolution (1): The members are approved the syllabus to be taught for I B.Tech I and II Semester as mentioned in Table 1 and 2 .

Noted and Approved.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weight age of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination.

Resolution (2): The proposed distribution of marks and weight age of syllabus of the examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (3): The board has empowered Chairman to finalize panel of examiners for conduct examinations of I B.Tech - I & II semesters for the A.Y.2017-18.


Resolution (4): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.


Chairman 13/3/17

Board of Studies


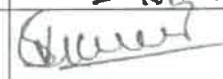



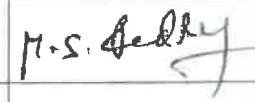




Department of Physics



Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt), Telangana-508205



**Minutes of 5th Board of Studies (BoS) Meeting in Department of Physics
held on 16th July 2018**

The 5th Board of Studies (BoS) meeting, of Dept. of Physics, Anurag Engineering College, Ananthagiri (V&M), Suryapet (Dist), Telangana, held on 16th July 2018 at 11:00 AM in the Anurag Engineering College, Ananthagiri (V&M), Suryapet (Dist), Telangana to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. Sk. Umar Pasha	Chairman	
2	Dr. K. Vijaya Kumar	JNTUH Nominee	
3	Prof. P. Venugopal Reddy	Member	
4	Prof. B.Srinivasa Reddy	Member	
5	Dr. P. Venkat Reddy	Member	
6	Dr. M Srinivasa Reddy	Member	
7	Mr. P. Narasimha Rao	Member	
8	Mr. M. Narasimha Rao	Member	
9	Mr. V.Lajapathi Rao	Member	
10	Mrs. Y. Sridevi	Member	
11	Mr. Y. V. N Dhamodar	Member	


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206.

**Minutes of 5th Board of Studies (BoS) Meeting in the Department of Physics
held on 16th July 2018**

Item No. 1:

The Chairman informed the members the syllabus approved for the courses in the fourth BoS as per Table 1 are followed for the coming academic years i.e. from 2018-19, until further revisions are made to those courses.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Applied Physics	I / I	B.Tech (ECE & CSE)
2	Engineering Physics	I / II	B.Tech (CIVIL, MECH & EEE)

The Chairman informed the members the syllabus approved for the courses in the First BoS as per Table 2 are followed for the coming academic years i.e. from 2018-19, until further revisions are made to those courses.

Table 2

S.No.	Name of the Course	Year / Semester	Programme
1	Applied Physics Lab	I / I	B.Tech (ECE & CSE)
2	Engineering Physics Lab	I / II	B.Tech (CIVIL, MECH & EEE)

Resolution (1): The members are approved the syllabus to be taught for I B.Tech I and II Semester as mentioned in Table 1 and 2 .

Noted and Approved.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weight age of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination.

Resolution (2): The proposed distribution of marks and weight age of syllabus of the examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (3): The board has empowered Chairman to finalize panel of examiners for conduct examinations of I B.Tech - I & II semesters for the A.Y.2018-19.


Resolution (4): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.

Chairman


Board of Studies

Department of Physics


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



Minutes of 6th Board of Studies (BoS) Meeting in Department of Physics held on 15th November 2019

The 6th Board of Studies (BoS) meeting, of Dept. of Physics, Anurag Engineering College, Ananthagiri (V&M), Suryapet (Dist), Telangana, held on 15th November 2019 at 11:00 AM in the Anurag Engineering College, Ananthagiri (V&M), Suryapet (Dist), Telangana to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. Sk. Ummar Pasha	Chairman	
2	Dr. Suresh Sripada	JNTUH Nominee	
3	Prof. P. Venugopal Reddy	Member	
4	Prof. P. Venkat Reddy	Member	
5	Dr. B. Srinivasa Reddy	Member	
6	Dr. M. Srinivasa Reddy	Member	
7	Mr. P. Narasimha Rao	Member	
8	Mrs. Y. Sridevi	Member	
9	Mr. Y. V. N Dhamodar	Member	
10	Mr. V. Lajapathi Rao	Member	
11	Mr. P. Suresh	Member	


Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 6th Board of Studies (BoS) Meeting in the Department of Physics
held on 15th November 2019**

Item No. 1: Proposal Syllabus for I B.Tech I and II semester and Approval

The Chairman of Board of Studies (BoS) informed the members that the syllabus designed in the 5th BOS is to be implemented for the academic year 2019-2020 as per given tables 1&2. The details of the courses are tabulated in table 1&2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Applied Physics	I / I	B.Tech (ECE & CSE)
2	Engineering Physics	I / II	B.Tech (CIVIL, MECH & EEE)

Table 2

S.No.	Name of the Course	Year / Semester	Programme
1	Applied Physics Lab	I / I	B.Tech (ECE & CSE)
2	Engineering Physics Lab	I / II	B.Tech (CIVIL, MECH & EEE)

Resolution The members after critical discussion unanimously decided to continue the same syllabus for the courses mentioned in table 1&2 for the A.Y 2019-2020.


Noted and Approved.

Item No.2: panel of examiners: The chairman by virtue of his/her legitimate power/authenticity approved the present panel of examiners to be retained for the academic year 2019-2020 with one accord.

Noted and approved.


Chairman

**Board of Studies
Department of Physics**


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508202



Minutes of 1st Board of Studies (BoS) Meeting in Department of Chemistry held on 28th August 2014

The 1st Board of Studies(BoS) meeting, Dept. of Chemistry, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 28th August 2014 at 14:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. E. Sheir Ali Baig	Chairman	
2	Prof. Ch. Venkatram Reddy <i>Prof. Ch. Venkata Ramana Reddy</i>	JNTU Nominee	
3	Dr. P. Veera Somaiah	Member	
4	Dr. Y.V.D. Nageswar	Member	
5	Dr. E. Lakshmi Narayana	Member	
6	Dr. P. Ramesh	Member	
7	Dr. N.Y.S. Murthy	Member	
8	Mrs. Ch. Annapurna	Member	
9	Mr. D. Chandra Sekhar	Member	
10	Mr. K. Sreekanth	Member	
11	Ms. Ch. Rani	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt), Telangana-508206

Minutes of 1st Board of Studies (BoS) Meeting in Department of Chemistry held on 28th August 2014

Item No. 1: Proposal of Syllabus for I B.Tech I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Members elaborately discussed existing I B.Tech syllabus of affiliating university, JNTUH, with the proposed syllabus for the courses in Table 1.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Applied Chemistry-I	I / I	B.Tech
2	Engineering Chemistry	I / I	B.Tech
3	Applied Chemistry-II	I / II	B.Tech
4	Engineering Chemistry	I / II	B.Tech

The Chairman of BoS for Chemistry presented the list of lab experiments (Annexure – II) to be conducted for various laboratory courses listed in Table 2.

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Applied Chemistry Lab-I	I / I	B.Tech
2	Engineering Chemistry Lab	I / I	B.Tech
3	Applied Chemistry Lab-II	I / II	B.Tech
4	Engineering Chemistry Lab	I / II	B.Tech

Resolution (1) : The members after critical discussion approved the syllabus to be taught for I B.Tech I and II Semester as mentioned in Table 1.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-50820b

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of I B.Tech- I & II semesters for the A.Y.2014-15.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

**Board of Studies
Department of Chemistry**



Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



**Minutes of 2nd Board of Studies (BoS) Meeting in Department of Chemistry
held on 21st September 2015**

The 2nd Board of Studies(BoS) meeting, Dept. of Chemistry, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on on 21st september 2015 at 14:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. E. Sheir Ali Baig	Chairman	
2	Prof. Ch.Venkata Ramana Reddy	JNTU Nominee	
3	Dr. P. Veera Somaiah	Member	
4	Dr. Y.V.D.Nageswar	Member	
5	Dr. E.Lakshmi Narayana	Member	
6	Dr. P.Ramesh	Member	
7	Dr. N.Y.S. Murthy	Member	
8	Mrs. Ch. Annapurna	Member	
9	Mr. D.Chandra Sekhar	Member	
10	Mr. K. Sreekanth	Member	
11	Ms. Ch. Rani	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 2nd Board of Studies (BoS) Meeting in Department of Chemistry
held on 21st September 2015**

Item No. 1: Continuation of the present syllabus

The Chairman of Bos (chemistry) informed the members that the syllabus designed in the Academic year 2014-15 is to be implemented for the academic year 2015-16 as per given tables 1 & 2. The details of the courses are tabulated in table 1 and table 2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Applied Chemistry-I	I / I	B.Tech
2	Engineering Chemistry	I / I	B.Tech
3	Applied Chemistry-II	I / II	B.Tech
4	Engineering Chemistry	I / II	B.Tech

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Applied Chemistry Lab-I	I / I	B.Tech
2	Engineering Chemistry Lab	I / I	B.Tech
3	Applied Chemistry Lab-II	I / II	B.Tech
4	Engineering Chemistry Lab	I / II	B.Tech

Resolution: The members after critical discussion unanimously decided to implement the existing syllabus for the courses mentioned in table 1 and table 2 for the A.Y 2015-2016.

Noted and Approved.

Item No. 2: panel of examiners: The chairman informed the members about the necessity of having panel of the examiners for the academic year 2015-2016.

Resolution: The members unanimously empowered the chairman to finalize the panel of the examiners.

Noted and Approved.


Chairman

**Board of Studies
Department of Chemistry**


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508266



**Minutes of 3rd Board of Studies (BoS) Meeting in the Department of Chemistry
held on 20th June 2016**

The 3rd Board of Studies (BoS) meeting, Dept. of Chemistry, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on on 20th June 2016 at 10:00 AM in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. E. Shere Ali Baig	Chairman	
2	Prof. Ch.Venkataramana Reddy	JNTU Nominee	
3	Dr. P. Veera Somaiah	Member	
4	Dr. Y.V.D.Nageswar	Member	
5	Dr. E.Lakshmi Narayana	Member	
6	Dr. P.Ramesh	Member	
7	Dr. N.Y.S. Murthy	Member	
8	Mrs. Ch. Annapurna	Member	
9	Mr. D.Chandra Sekhar	Member	
10	Mr. K. Sreekanth	Member	
11	Ms. Ch. Rani	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt), Telangana-508206

**Minutes of 3rd Board of Studies (BoS) Meeting in the Department of Chemistry
held on 20th June 2016**

Item No. 1: Continuation of the present syllabus

The Chairman of Bos (chemistry) informed the members that the syllabus designed in the Academic year 2014-15 is to be implemented for the academic year 2016-17 as per given tables 1 & 2. The details of the courses are tabulated in table 1 and table 2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Applied Chemistry-I	I / I	B.Tech
2	Engineering Chemistry	I / I	B.Tech
3	Applied Chemistry-II	I / II	B.Tech
4	Engineering Chemistry	I / II	B.Tech

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Applied Chemistry Lab-I	I / I	B.Tech
2	Engineering Chemistry Lab	I / I	B.Tech
3	Applied Chemistry Lab-II	I / II	B.Tech
4	Engineering Chemistry Lab	I / II	B.Tech

Resolution: The members after critical discussion unanimously decided to implement the existing syllabus for the courses mentioned in table 1 and table 2 for the A.Y 2016-2017.

Noted and Approved.


Item No. 2: panel of examiners: The chairman by virtue of his legitimate authenticity approved the present panel of examiners to be retained for the academic year 2016-2017 with one accord.

Noted and Approved.



Chairman

**Board of Studies
Department of Chemistry**


**Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200**



Minutes of 4th Board of Studies (BoS) Meeting in Department of Chemistry held on 11th March 2017

The 4th Board of Studies (BoS) meeting, Dept. of Chemistry, Anurag Engineering College, Ananthagiri (V&M), Suryapet (Dist), Telangana, is held on 11th March 2017 at 10:30 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. E. Shere Ali Baig	Chairman	
2	Prof. A. Jaya Shree	JNTU Nominee	
3	Dr. P. Veera Somaiah	Member	
4	Dr. Y.V.D. Nageswar	Member	—
5	Dr. E. Lakshmi Narayana	Member	
6	Dr. P. Ramesh	Member	—
7	Dr. N.Y.S. Murthy	Member	
8	Dr. D. Hari Prasad	Member	
9	Mrs. Ch. Annapurna	Member	
10	Mr. D. Chandra Sekhar	Member	
11	Mr. K. Sreekanth	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Minutes of 4th Board of Studies (BoS) Meeting of Department of Chemistry held on 11th March 2017

Item No. 1: Proposal of Syllabus for I B.Tech I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Members elaborately discussed existing I B.Tech syllabus of affiliating university, JNTUH, with the proposed syllabus for the courses in Table 1.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Applied Chemistry-I	I / I	B.Tech
2	Engineering Chemistry	I / I	B.Tech
3	Applied Chemistry-II	I / II	B.Tech
4	Engineering Chemistry	I / II	B.Tech

The Chairman of BoS for Chemistry presented the list of lab experiments (Annexure – II) to be conducted for various laboratory courses listed in Table 2.

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Applied Chemistry Lab-I	I / I	B.Tech
2	Engineering Chemistry Lab	I / I	B.Tech
3	Applied Chemistry Lab-II	I / II	B.Tech
4	Engineering Chemistry Lab	I / II	B.Tech


Resolution (1): The members after critical discussion approved the syllabus to be taught for I B.Tech I and II Semester as mentioned in Table 1.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-II) and presented Question paper. Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

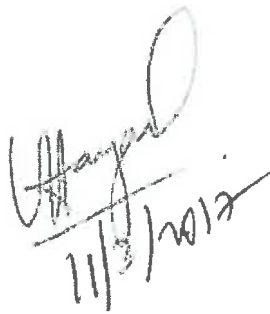
Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalize panel of examiners for conduct examinations of I B.Tech- I & II semesters for the A.Y.2017-18.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.


11/8/2017


Chairman

**Board of Studies
Department of Chemistry**


**Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206**



**Minutes of 5th Board of Studies (BoS) Meeting in Department of Chemistry
held on 16th July 2018**

The 5th Board of Studies(BoS) meeting of Dept. of Chemistry, Anurag Engineering College, Ananthagiri(Mandal), Suryapeta(Dist), Telangana, held on 16th July 2018 at 11:00A.M in the Anurag Group of Institutions to discuss the agenda notified.

S.No	Name of the member	Position	Signature
1	Dr. D Hari Prasad, HoD, Dept. of Chemistry, AEC, Kodad.	Chairman	
2	Prof. A. Jaya Shree, Director, IST, JNTUH, HYD.	JNTUH Nominee	
3	Prof. P. Veera Somaiah, Dept. of Chemistry, O.U, HYD.	Member	 16.7.18
4	Dr. Y.V.D. Nageswar, Chief scientist, IICT, Hyderabad	Member	
5	Dr. E. Laxminarayana, Assoc. Professor Sreenidhi Institute, HYD.	Member	 16/7/18
6	Dr. P. Ramesh, Executive Director, Sparkvee Fine Chemicals Limited, Hyderabad	Member	
7	Dr. Savita Belwal, CVSR, Hyderabad	Member	 16/7/18
8	Dr. S. Pulla reddy, Asst. Professor, AEC, Kodad	Member	 16/7/18
9	Mr. K. Srinivas, Asst. Professor, AEC, Kodad	Member	 16/7/18
10	Mr. D. Chandrasekhar, Asst. Professor, AEC, Kodad	Member	 16/7/18
11	Mrs. K. Swathi, Asst. Professor, AEC, Kodad	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-5082...

Minutes of 5th Board of Studies (BoS) Meeting in Department of Chemistry held on 16th July 2018

Item No. 1: Continuation of the present syllabus

The Chairman of Board of Studies (BoS) informed the members that the syllabus designed in the 5th BoS as per table 1 is to be implemented for the academic year 2018-19, until further revisions are made to those courses.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Engineering Chemistry	I / I	B.Tech(EEE,CIVIL&MECH)
2	Engineering Chemistry	I / II	B.Tech(CSE &ECE)

Item No. 2: Proposal of Syllabus for I B.Tech I and II Semester and Approval


The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Members elaborately discussed existing I B.Tech syllabus of affiliating university, JNTUH, with the proposed syllabus for the courses in Table 1.

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	Engineering Chemistry Lab	I / I	B.Tech(EEE,CIVIL&MECH)
2	Engineering Chemistry Lab	I / II	B.Tech (CSE &ECE)

Resolution (1) : The members after critical discussion approved the syllabus to be taught for I B.Tech I and II Semester as mentioned in Table 2.

Noted and Approved.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

Item No. 3: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.

Resolution (2): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

Item No. 4: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (3): The board has empowered Chairman to finalise panel of examiners for conduct examinations of I B.Tech- I & II semesters for the A.Y..2018-19

Resolution (4): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

Board of Studies

Department of Chemistry



Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206



Minutes of 6th Board of Studies (BoS) Meeting in Department of Chemistry held on 08th November 2019

The 6th Board of Studies(BoS) meeting of Dept. of Chemistry, Anurag Engineering College, Ananthagiri(Mandal), Suryapeta(Dist), Telangana, held on 08th November 2019 at 11:00A.M in the Conference Hall to discuss the agenda notified.

S.No	Name of the member	Position	Signature
1	Dr. D Hari prasad ,HoD,Dept.of Chemistry, AEC,Kodad.	Chairman	
2	Prof..A Jaya Shree ,FTAS,FRSC,BoS Chemistry JNTUH	JNTU Nominee	
3	Prof.P Veera Somaiah HoD, Dept.of Chemistry, O.U HYD.	Member	
4	Dr. Y.VD .Nageswar Chief scientst, IICT ,Hyderabad	Member	
5	Dr.E.Laxminarayana Assoc Professor Sreenidhi Institute, HYD.	Member	
6	Dr P.Ramesh ,Executive Director,Sparkvee Fine, chemicals Limited Hyderabad	Member	
7	Dr. Savita Belwal, CVSR, Hyderabad	Member	
8	Dr.S.Pulla reddy, Asst. Professor, AEC, Kodad	Member	
9	Mr.K.Srinivas , Asst. Professor, AEC, Kodad	Member	
10	Mr. D.Chandra sekhar , Asst. Professor , AEC, Kodad	Member	
11	Mrs. K.Swathi, Asst. Professor , AEC, Kodad	Member	

**Minutes of 6th Board of Studies (BoS) Meeting in the Department of Chemistry
held on 9th November 2019**

Item No. 1: Proposal Syllabus for I B.Tech I and II semester and Approval

The Chairman of Board of Studies (BoS) informed the members that the syllabus designed in the 5th BOS is to be implemented for the academic year 2019-2020 as per given tables 1&2. The details of the courses are tabulated in table 1&2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	Engineering chemistry	I / I	B.Tech (EEE, CIVIL, MECH &)
2	Engineering chemistry	I / II	B.Tech (CSE & ECE)

Table 2:

S.No.	Name of the Course	Year / Semester	Programme
1	Engineering chemistry Lab.	I / I	B.Tech (EEE, CIVIL, MECH &)
2	Engineering chemistry Lab	I / II	B.Tech (CSE & ECE)

Resolution The members after critical discussion unanimously decided to continue the same syllabus for the courses mentioned in table 1&2 for the A.Y 2019-2020.

Noted and Approved.

Item No.2: panel of examiners: The chairman by virtue of his/her legitimate power/authenticity approved the present panel of examiners to be retained for the academic year 2019-2020 with one accord.


Noted and approved.



Chairman

Board of Studies

Department of Chemistry


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Jayapet (Dt.), Telangana-508206



Minutes of 1st Board of Studies (BoS) Meeting in Department of English held on 28th August 2014

The 1st Board of Studies(BoS) meeting, Dept. of English, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 28th August 2014 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. G.V.S. Ananta Lakshmi	Chairman	
2	Dr. N.V.S.N. Lakshmi	JNTU Nominee	 28/8/14
3	Prof. D.S. Kesava Rao	Member	 28/8/14
4	Dr. R.V.Anuradha	Member	
5	Dr. M.G.Prasuna	Member	
6	Dr. C. Sri Nagesh	Member	
7	Dr. V.Lakshmi Ramana	Member	
8	Dr. P. Subba Rao	Member	
9	Mr. D. Pandu Ranga Rao	Member	
10	Mr. A. Naresh	Member	
11	Mrs. M. Suvarna	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-5082

**Minutes of 1st Board of Studies (BoS) Meeting in Department of English held
on 28th August 2014**

Item No. 1: Proposal of Syllabus for I B.Tech I and II Semester and Approval

The Chairman of Board of Studies (BoS) presented the syllabus for following Courses in the Annexure-I. The Members elaborately discussed existing I B.Tech syllabus of affiliating university, JNTUH, with the proposed syllabus for the courses in Table 1.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	English-I	I / I	B.Tech
2	English-II	I / II	B.Tech

The Chairman of BoS for English presented the list of lab experiments (Annexure – I) to be conducted for various laboratory courses listed in Table 2.

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	English Language Communications Skills Lab-I	I / I	B.Tech
2	English Language Communications Skills Lab-II	I / II	B.Tech


Resolution (1) : The members after critical discussion approved the syllabus to be taught for I B.Tech I and II Semester as mentioned in Table 1.

Resolution (2): The members approved the list of experiments for the lab courses to be carried out in the I B.Tech as per Table 2. The members advised that atleast 80% of experiments should be completed in a semester for the labs mentioned in Table 2.

Noted and Approved.

Item No. 2: Proposal of Question paper Pattern for Mid Term and End Semester Examinations and approval.

The chairman explained the members about proposed distribution of marks and weightage of syllabus (Annexure-II) and presented Question paper Pattern for the Assignment, Subjective test and End-Semester Examination, both for theory and laboratory.


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200

Resolution (3): The proposed distribution of marks and weightage of syllabus of the examinations are approved.

Noted and Approved.

Item No. 3: To approve Panel of examiners

The Chairman emphasized the necessity of panel of examiners. Their services shall be utilized in the preparation of End-Semester question paper(s), evaluation of End-Semester Examination Answer Scripts and they will be paid with remuneration as per the recommendations of College Finance Committee (CFC) and approval of Board of Governors (BoG).

Resolution (4): The board has empowered Chairman to finalise panel of examiners for conduct examinations of I B.Tech- I & II semesters for the A.Y.2014-15.

Resolution (5): It is resolved unanimously to pay the remuneration to the examiners as per approval of BoG.

Noted and Approved.



Chairman

**Board of Studies
Department of English**



Principal

**Anurag Engineering College
Ananthagiri (V&M), Kodad,
Juryapet (Dt.), Telangana-5082**

Annexure – II

UG	Internal				End Semester	Total		
Theory	Mid Term I (25 Marks) Duration 90 Minutes		Mid Term II (25 marks) Duration 90 Minutes		75 Marks Duration: 180 Minutes	100 Marks		
	Assignment (5 Marks) To be submitted before the start date of Mid Term - I Examinations	Subjective Test (20 Marks)	Assignment (5 Marks) To be submitted before the start date of Mid Term - II Examinations	Subjective Test (20 Marks)				
	7 th Week of Instruction	8 th week of Instruction	14 th Week of Instruction	15 th Week of Instruction				
	Unit-I, Unit-II and 50% of Unit-III						Remaining 50 % of Unit-III, Unit-IV and Unit-V	
	Average of Mid-I and Mid-II shall be considered							
Lab	Mid Term I (25 Marks) Duration 150 Minutes		Mid Term II (25 marks) Duration 150 Minutes		50 Marks Duration: 180 Minutes	75		
	Day to Day Evaluation (15 Marks)	Practical Test (10 Marks)	Day to Day Evaluation (15 Marks)	Practical Test (10 Marks)				
	7 th Week		14 th Week					
	First 50% of Experiments		Remaining 50% of Experiments					
	Average of Mid-I and Mid-II shall be considered							

Principal

Annexure – II

UG End Semester Question Paper Pattern

Theory	Mid Term 1	Assignment	Unit-I, Unit-II and 50% of Unit-III	Unit-1 & 2: 2 Questions each	
		Subjective Test		Unit – 3: 1 Question from 50% of Unit-3	
	Mid Term 2	Assignment	Remaining 50 percent of Unit-II, Unit-IV and Unit-V	Part – A : 5 Marks (All)	
		Subjective Test		Part – B : 15 Marks (3 out 5) or (3) questions with Internal Choice)	
End Semester	-----		5 Units		Unit-3: 1 Question remaining 50% of Unit-3 Unit – 4 & 5: 2 Questions Each Part – A : 5 Marks (All) Part – B : 15 Marks (3 out 5) or (3) questions with Internal Choice) Part-A : 25 Marks (All questions to Answer) Part-B : 50 Marks (5 questions with Internal Choice from each Unit and each carries 10 Marks)

M.A. 


12/9/14

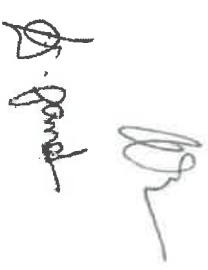





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Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200


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Minutes of 2nd Board of Studies (BoS) Meeting in Department of English held on 22nd September 2015

The 2nd Board of Studies(BoS) meeting, Dept. of English, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 22nd September 2015 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. G.V.S. Ananta Lakshmi	Chairman	
2	Dr. N.V.S.N. Lakshmi	JNTU Nominee	
3	Prof. D.S. Kesava Rao	Member	
4	Dr. R.V.Anuradha	Member	
5	Dr. M.G.Prasuna	Member	
6	Dr. C. Sri Nagesh	Member	
7	Dr. V.Lakshmi Ramana	Member	
8	Dr. P. Subba Rao	Member	
9	Mr. D. Pandu Ranga Rao	Member	
10	Mr. A. Naresh	Member	
11	Mrs. M. Suvarna	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Juryapet (Dt.), Telangana-508206

Minutes of 2nd Board of Studies (BoS) Meeting in Department of English held on 22nd September 2015

Item No. 1: Continuation of the present syllabus

The Chairman of BoS (English) informed the members that the syllabus designed in the academic year 2014-15 is to be implemented for the academic year 2015-16 as per given tables 1 & 2. The details of the courses are tabulated in table 1 and table 2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	English-I	I / I	B.Tech
2	English-II	I / II	B.Tech

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	English Language Communications Skills Lab-I	I / I	B.Tech
2	English Language Communications Skills Lab-II	I / II	B.Tech

Resolution: The members after critical discussion unanimously decided to implement the existing syllabus for the courses mentioned in table 1 and table 2 for the A.Y 2015-2016.

Noted and Approved.

Item No. 2: panel of examiners: The chairman informed the members about the necessity of having panel of the examiners for the academic year 2015-2016

Resolution: The members unanimously empowered the chairman to finalize the panel of the examiners.

Noted and Approved.


Chairman
Board of Studies
Department of English


Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-50820



**Minutes of 3rd Board of Studies (BoS) Meeting in the Department of English
held on 23rd June 2016**

The 3rd Board of Studies (BoS) meeting, Dept. of English, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 23rd June 2016 at 10:00 A.M in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. G.V.S. Ananta Lakshmi	Chairman	
2	Dr. N.V.S.N. Lakshmi	JNTU#Nominee	
3	Prof. D.S. Kesava Rao	Member	
4	Dr. R.V.Anuradha	Member	
5	Dr. M.G.Prasuna	Member	
6	Dr. C. Sri Nagesh	Member	
7	Dr. K.Anupama	Member	
8	Dr. P. Subba Rao	Member	
9	Mr. D. Pandu Ranga Rao	Member	
10	Mr. G.Venkateshwarlu	Member	
11	Mrs. M. Suvarna	Member	

Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 3rd Board of Studies (BoS) Meeting in the Department of English
held on 23rd June 2016**

Item No. 1: Continuation of the present syllabus

The Chairman of BoS (English) informed the members that the syllabus designed in the academic year 2014-15 is to be implemented for the academic year 2016-17 as per given tables 1 & 2. The details of the courses are tabulated in table 1 and table 2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	English-I	I / I	B.Tech
2	English-II	I / II	B.Tech

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	English Language Communications Skills Lab-I	I / I	B.Tech
2	English Language Communications Skills Lab-II	I / II	B.Tech

Table 3:


S.No.	Name of the Lab	Year / Semester	Programme
1	Advanced English Communications Skills Lab	III / I	B.Tech(CSE)
2	Advanced English Communications Skills Lab	III / II	B.Tech(EEE,ECE,MECH,CIVIL)

Resolution: The members after critical discussion unanimously decided to implement the existing syllabus for the courses mentioned in table 1 and table 2 for the A.Y 2016-2017. Secondly it has been resolved to introduce AECS lab course for III year B.Tech for all branches with the consent of BoS members for the A.Y 2016-2017, mentioned in table 3.

Noted and Approved.

Item No. 2: panel of examiners: The chairman/chairwoman by virtue of his/her legitimate power/authenticity approved the present panel of examiners to be retained for the academic year 2016-2017 with one accord.

Noted and Approved.



**Chairman
Board of Studies
Department of English**


Principal
**Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-5082..**



**Minutes of 4th Board of Studies (BoS) Meeting in the Department of English
held on 9th March 2017**

The 4th Board of Studies (BoS) meeting, Dept. of English, Anurag Engineering College, Ananthagiri (V&M), Suryapet (Dist), Telangana, is held on 9th March 2017 at 04:00 PM in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr. K . Anupama	Chairman	<i>Anupama</i>
2	Dr. V. Parvathi	JNTUH Nominee	<i>Parvathi.V</i> 09/03/17
3	Prof. D.S. Kesava Rao	Member	<i>D.S. Kesava Rao</i>
4	Dr. R.V. Anuradha	Member	<i>R.V. Anuradha</i> 09/03/17
5	Dr. A. Aparna	Member	<i>A. Aparna</i> 9/3/17
6	Dr. C. Sri Nagesh	Member	
7	Mr. D. Pandu Ranga Rao	Member	<i>D. Pandu Ranga Rao</i>
8	Mr. G.Venkateswarlu	Member	<i>G.Venkateswarlu</i> 09/03/17
9	Mrs. M. Suvarna	Member	<i>M. Suvarna</i> 09/03/17

[Signature]
Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206

**Minutes of 4th Board of Studies (BoS) Meeting in the Department of English
held on 9th March 2017**

Item No. 1: Continuation of the present syllabus

The Chairman of Board of Studies (BoS) informed the members that the syllabus designed in the academic year 2014-2015 is to be implemented for the academic year 2017-2018 as per given tables 1&2. The details of the courses are tabulated in table 1&2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	English-I	I / I	B.Tech
2	English-II	I / II	B.Tech

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	English Language Communication Skills Lab-I	I / I	B.Tech
2	English Language Communication Skills Lab-II	I / II	B.Tech

Table 3:

S.No.	Name of the Lab	Year / Semester	Programme
1	Advanced English Communication Skills Lab	III / I	B.Tech(CSE)
2	Advanced English Communication Skills Lab	III / II	B.Tech(EEE,CIV,MECH,ECE)

Resolution: The members after critical discussion unanimously decided to implement the existing syllabus for the courses mentioned in table 1&2 for the A.Y 2017-2018, Secondly the members after elaborate discussion came to a consensus to adhere to the already framed AECS Lab course for III B.Tech in the academic year 2016-2017, mentioned in table 3.


Noted and Approved.

Item No.2: panel of examiners: The chairman/chairwoman by virtue of his/her legitimate power/authenticity approved the present panel of examiners to be retained for the academic year 2017-2018 with one accord.

Noted and approved


Chairman 9/3/2017

**Board of Studies
Department of English**


Principal
**Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206**



**Minutes of 5th Board of Studies (BoS) Meeting in the
Department of English held on 16th July 2018**

The 5th Board of Studies(BoS) meeting, Dept. of English, Anurag Engineering College, Ananthagiri(V&M),Suryapet(Dist), Telangana, is held on 16th July 2018 at 11:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Dr.K . Anupama	Chairman	
2	Dr. V.Parvathi	JNTUH Nominee	
3	Prof. D.S. Kesava Rao	Member	
4	Dr. R.V.Anuradha	Member	
5	Dr. A.Aparna	Member	
6	Dr. C. Sri Nagesh	Member	
7	Mr. D. Pandu Ranga Rao	Member	
8	Mr. G.Venkateswarlu	Member	
9	Mrs. M. Suvarna	Member	

Minutes of 5th Board of Studies (BoS) Meeting in the Department of English held on 16th July 2018

Item No. 1: Proposal Syllabus for I B.Tech I and II semester and Approval

The Chairman of Board of Studies (BoS) informed the members that the syllabus designed in the 5th BOS is to be implemented from the academic year 2018-2019 onward as per given tables 1&2. The details of the courses are tabulated in table 1&2.

Table 1:

S.No.	Name of the Course	Year / Semester	Programme
1	English	I / I	B.Tech (Mech, Civil & EEE)
2	English	I / II	B.Tech (CSE & ECE)

Table 2:

S.No.	Name of the Lab	Year / Semester	Programme
1	English Language Communication Skills Lab-I	I / I	B.Tech (Common to All)
2	English Language Communication Skills Lab-II	I / II	B.Tech (Common to All)

Table 3:

S.No.	Name of the Lab	Year / Semester	Programme
1	Advanced English Communication Skills Lab	III / I	B.Tech(CSE)
2	Advanced English Communication Skills Lab	III / II	B.Tech (EEE, CIV&MECH)
3	Advanced English Communication Skills Lab	IV/I	B.Tech (CSE)

Resolution: The members after critical discussion unanimously decided to implement the new syllabus for the courses mentioned in table 1&2 from the A.Y 2018-2019.

Secondly the members after elaborate discussion came to a consensus to adhere to the already framed AECS Lab course for III B.Tech in the academic year 2016-2017, mentioned in table 3.

Noted and Approved.

Item No.2: panel of examiners: The chairman/chairwoman by virtue of his/her legitimate power/authenticity approved the present panel of examiners to be retained for the academic year 2018-2019 with one accord.

Noted and approved.



Chairman


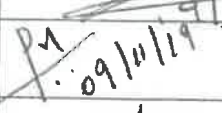
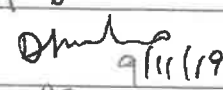
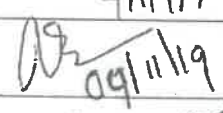
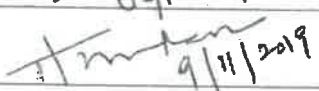
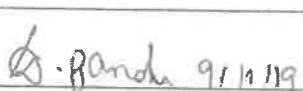
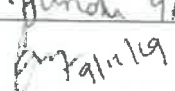
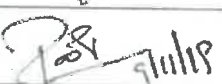
Board of Studies


Department of English


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Juryapet (Dt.), Telangana-508206

**Minutes of 6th Board of Studies (BoS) Meeting in the Department of English
held on 9th November 2019**

The 6th Board of Studies(BoS) meeting, Dept. of English, Anurag Engineering College, Ananthagiri(V&M),Suryapet(Dist), Telangana, is held on 9th November 2019 at 11:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the Member	Position	Signature
1	Dr.K.Ramesh	Chairman	
2	Dr. V.Parvathi	JNTUH Nominee	
3	Prof. D.S. Kesava Rao	Member	
4	Dr. R.V.Anuradha	Member	
5	Dr.K. Anupama	Member	
6	Dr. C. Sri Nagesh	Member	
7	Mr. D. Pandu Ranga Rao	Member	
8	Mr. G.Venkateswarlu	Member	
9	Mr.J'Poorna Kumar	Member	


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Minutes of 6th Board of Studies (BoS) Meeting in the Department of English held on 9th November 2019

Item No. 1: Proposal Syllabus for III & IV B.Tech I and II semester and Approval

The Chairman of Board of Studies (BoS) informed the members that the R18 AECS LAB syllabus designed in the 6th BOS is to be implemented from the academic year 2020-2021 onwards. The details of the courses are tabulated in table 1.

Table 1:

S.No.	Name of the Lab	Year / Semester	Programme
1	Advanced English Communication Skills Lab	III / I	B.Tech (CSE) B.Tech (ECE)
2	Advanced English Communication Skills Lab	III / II	B.Tech (MECH & EEE)
3	Advanced English Communication Skills Lab	IV/I	B.Tech (CIVIL)


Resolution: The members after critical discussion unanimously decided to implement the syllabus for the courses mentioned in the table 1 from the A.Y 2020-2021.

Noted and Approved.

Item No.2: panel of examiners: The chairman by virtue of his/her legitimate power/authenticity approved the present panel of examiners to be retained for the academic year 2020-2021 with one accord.

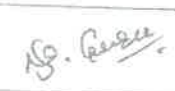


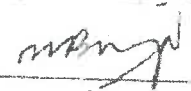









Noted and approved.


Chairman
Board of Studies
Department of English


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Minutes of 1st Board of Studies (BoS) Meeting in Department of Master of Business Administration held on 06th September 2014

The 1st Board of Studies(BoS) meeting, Dept. of MBA, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist), Telangana, is held on 06th September, 2014 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.No.	Name of the member	Position	Signature
1	Mr. N. Guruvaiah	Chairman	
2	Dr. Sindhu	JNTU Nominee	
3	Prof.V.Gangadhar	Member	
4	Dr.A.Jagan Mohan Reddy	Member	
5	Dr. U. Balaji		
6	Dr. G. Sabitha	Member	
7	Dr. D. Raghava	Member	
8	Dr. K. Mamatha	Member	
9	Mr. N. Shyam Prasad	Member	
10	Mrs. V. Sarada	Member	
11	Mrs. M. Shilpa	Member	
12	Mrs. N. Anitha	Member	
13	Mr. B.Chandra Sekhar	Member	
14	Mr. B. Rajesh	Member	


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Meeting began with Congratulating Anurag Fraternity by Members of BoS for achieving Autonomous Status and wish to keep it up.

The board has discussed the following Agenda items and approved for the implementation of the same for the academic year 2014-15.

1. Preparation of Academic Calendar 2014-15 Batch

2. Design of MBA Course Structure

3. Examination Pattern and Marks weightage


4. Further the board has taken up subject wise review of syllabus and recommended the following modifications/change from JNTUH Prescribed syllabus.

I YEAR – I SEMESTER:

- A91001 Management Fundamentals – title is changed to Principles of Management.
- A91007 Business Communications – has extended to theory and lab with 3 credits instead of only theory in JNTUH.
- A91008 MS Office Lab is to be taught in the place of MSEXCEL of JNTUH in computer lab applications.
- A91002 Business Law and Regulations and A91005 Business Environment are merged and named as Business Environment.
- A92005 Marketing Management is moved to first semester from Second semester in place of BLR.
- A91006 Research Methodology & Statistical Analysis, first two units to include Research Methodology and next 3 units to have statistical analysis.

I YEAR II SEMESTER:

- A92008 Company Analysis Report to be extended to Industry Analysis Report including five companies SWOT, PESTEL, Five Forces of Porter etc.,
- A92004 Management Information system is shifted to III semester.
- A93003 Organizational Behavior is moved to II Semester instead of III Semester in JNTUH Prescribed Syllabus.


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- A92002 Quantitative Analysis & Decision Making title is changed to Quantitative Analysis for Business Decision Making.

II YEAR I SEMESTER:

- Subject Logistics and Supply Chain Management is introduced in third semester as a common subject with A93001.
- A93004 Cost and Management Accounting is to be introduced in third semester as BE and BLR from the first semester are merged together to BE including Company Act.
- Finance elective Derivatives title is changed to Management of Derivatives.
- Marketing Elective Consumer Behavior is to be continued with existing JNTUH Prescribed Syllabus.
- HR elective Performance and Reward Management is changed to Performance and Compensation Management.
- Marketing Elective Services Marketing is to be continued with existing JNTUH Prescribed Syllabus.
- HR elective Training and Development is to be changed to Learning and Development.

II YEAR II SEMESTER:

- A94001 Entrepreneurship Concepts and Cases content is made with few modifications.
- HR Elective Management of Industrial Relations is continued with JNTUH Prescribed Syllabus with a few additions
- Content of Marketing Elective Retailing Management to be incorporated in two units in Services Marketing.
- Marketing elective Sales and Distribution Management has minor changes and continued with JNTUH Prescribed Syllabus.
- A94005 Success Story of an Entrepreneur is modified to Success Stories of Entrepreneurs with students asked to read stories of five Entrepreneurs, minimum two regional entrepreneurs


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5. Remaining subjects were accepted with minor changes.

6. Other Department Subjects:

- MEFA and MS/IM subjects of other departments are accepted.


7. Examination pattern to be continued with the following manner.

8. Academic curriculum is also Prepared and presented in the meeting.

The board concluded with the above resolutions.

N.S. Quaru 06/09/2014
Chairman

BoS, Department of MBA


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ANNEXURE-I

MBA COURSE STRUCTURE (R14)

L: Lecture T: Tutorial P: Practical, C: Credits

I YEAR I SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A91001	Principles of Management	Concepts and Cases	4	1	3	40	60
A91002	Business Environment	Concepts and Cases	4	1	3	40	60
A91003	Financial Accounting & Analysis	Concepts & Problem Solving	4	1	3	40	60
A91004	Managerial Economics	Concepts and Cases	4	1	3	40	60
A91005	Marketing Management	Concepts and Cases	4	1	3	40	60
A91006	Research Methodology & Statistical Analysis	Concepts & Problem Solving	4	1	3	40	60
A91007	Business Communication	Theory	4	1	3	40	60
A91201	Computer Applications for Business	MS Office (Lab)	0	3	2	40	60
Total			28	9	23	320	480
Total Credits and Marks			23			800	


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I YEAR II SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A92001	Human Resource Management	Concepts and Cases	4	1	3	40	60
A92002	Quantitative Analysis for Business Decision Making	Concepts & Problem Solving	4	1	3	40	60
A92003	Financial Management	Concepts Cases & Problem Solving	4	1	3	40	60
A92004	Management Information System	Concepts and Cases	4	1	3	40	60
A92005	Organizational Behavior	Concepts and Cases	4	1	3	40	60
A92006	Business Ethics & Corporate Governance	Theory	4	1	3	40	60
A92007	Production & Operations Management	Concepts, Cases & Problem Solving	4	1	3	40	60
A92201	Industry Analysis Report - Seminar	Using CMIE Prowess Database / Annual Reports of Companies, Industry SWOT, PEST and contribution to various areas like GDP etc. & MS-Excel and working in any organisation during summer	0	3	2	50	
Total			28	12	23	330	420
Total Credits and Marks			23			750	


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II YEAR I SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A93001	Logistics & Supply Chain Management	Concepts and Cases	4	1	3	40	60
A93002	Strategic Management	Concepts and Cases	4	1	3	40	60
A93003	Cost and Management Accounting	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 1	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 2	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 3	Concepts and Cases	4	1	3	40	60
A93201	Business Best Practices - Seminar	Internet & Interaction with Executives		3	2	50	
TOTAL			24	9	20	290	360
TOTAL CREDITS AND MARKS			20			650	


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II YEAR II SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A94001	Entrepreneurship Concepts and Cases	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 4	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 5	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 6	Concepts and Cases	4	1	3	40	60
A94201	Success Story of an Entrepreneur- Seminar	Field Visit		3	2	50	
Main Project Work							
A94202	Stage-I :Pre submission project seminar				2	50	
A94203	Stage-II: Main project report & viva				4	40	60
A94204	Comprehensive Viva-Voce				2		100
Total			16	0	22	200	400
Total Credits and Marks			22			600	


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CHOOSE TWO SUBJECTS FROM EITHER FINANCE ELECTIVES OR MARKETING ELECTIVES OR HR ELECTIVES AND ONE SUBJECT FROM OTHER ELECTIVE

MARKETING ELECTIVES

Core Elective	Semester	Code	Subjects
Elective 1	II Year I Semester	A93004/M	Consumer Behaviour
Elective 2 & Elective 3 (for Finance (or) HR)	II Year I Semester	A93005/M	Services and Retailing Marketing
Elective 4	II Year II Semester	A94002/M	International Marketing
Elective 5 & Elective 6 (for Finance (or) HR)	II Year II Semester	A94003/M	Sales and Distribution Management

FINANCE ELECTIVES

Core Elective	Semester	Code	Subjects
Elective 1	II Year I Semester	A93004/F	Management of Derivatives
Elective 2 & Elective 3 (for Marketing (or) HR)	II Year I Semester	A93005/F	Security Analysis and Portfolio Management
Elective 4	II Year II Semester	A94002/F	Strategic Investment and Financing Decisions
Elective 5 & Elective 6 (for Marketing (or) HR)	II Year II Semester	A94003/F	International Financial Management


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HR

ELECTIVES

Core Elective	Semester	Code	Subjects
Elective 1	II Year I Semester	A93004/H	Performance & Reward Management
Elective 2 & Elective 3 (for Marketing (or) Finance)	II Year I Semester	A93005/H	Training and Development
Elective 4	II Year II Semester	A94002/H	Management of Industrial Relations
Elective 5 & Elective 6 (for Marketing (or) Finance)	II Year II Semester	A94003/H	Leadership and Change Management

No. Emsu

Chairman

Board of Studies

Department of MBA


Principal
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Suryapet (Dt.), Telangana-508206



Minutes of 2nd Board of Studies (BoS) Meeting in Department of Master of Business Administration held on 13.08.2015

The 2nd Board of Studies (BoS) meeting, Dept. of MBA, Anurag Engineering College, Ananthagiri(V), Kodad(M), Nalgonda(Dist),Telangana, is held on 13.08.2015 at 10:00 hrs in the Conference Hall to discuss the agenda notified.

S.NO	NAME OF THE MEMBER	POSITION	SIGNATURE
1	Mr.CH.Ramesh	Chairman	
2	Dr.Sindhu	JNTU Nominee	
3	Prof. V.Gangadhar	Member	
4	Dr.A.Jagan Mohan Reddy	Member	
5	Dr.U.Balaji	Member	
6	Dr.G.Sabitha	Member	
7	Dr.D.Raghava	Member	
8	Dr.K.Mamatha	Member	
9	Mrs.V.Sarada	Member	
10	Mrs.M.Shilpa	Member	
11	Mrs.N.Anitha	Member	
12	Mr.S.Srinivas	Member	
13	Mrs.K.Rajya Lakshmi	Member	

Principal

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Suryapet (Dt.), Telangana-508206

**Minutes of 2nd Board of Studies (BoS) Meeting in Department of MBA
Held on 13 August 2015**

Item No. 1: The Chairman welcomed all the members (BoS) Department of MBA Ananthagiri (V),Kodad(M),Nalgonda(Dt). The chairman introduced following new members

- 1) Mr.S.Srinivas
- 2) Mrs.K.Rajya Lakshmi


Item No. 2: Continuation of the present syllabus

The Chairman of BoS MBA informed the members that the syllabus designed in the academic year 2015-16 (i.e. R15 regulation) is to be implemented for the academic year 2015-16 as per given tables

**COURSE STRUCTURE AND SYLLABUS
Academic Regulations: 2015-16**

I YEAR- I SEMESTER						Marks	
Code	Subjects	Approach	Th	T/P	C	Intrnls	Extrnls
A91001	Principles of Management	Concepts and Cases	4	1	3	40	60
A91002	Business Environment	Concepts and Cases	4	1	3	40	60
A91003	Financial Accounting & Analysis	Concepts & Problem Solving	4	1	3	40	60
A91004	Managerial Economics	Concepts and Cases	4	1	3	40	60
A91005	Marketing Management	Concepts and Cases	4	1	3	40	60
A91006	Research Methodology & Statistical Analysis	Concepts & Problem Solving	4	1	3	40	60
A91007	Business Communication	Theory & LAB	2	3	3	40	60
A91201	Computer Applications - Practical	MS Office (LAB)	0	3	2	40	60
TOTAL			26	12	23	320	480
TOTAL CREDITS AND MARKS						23	800

Th= Theory; T/P= Theory/ Practicals; C= Credits



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I YEAR- II SEMESTER								Marks	
Code	Subjects	Approach	Th	T/P	C	Intrnl	Extrnl		
A92001	Human Resource Management	Concepts and Cases	4	1	3	40	60		
A92002	Quantitative Analysis & Business Decision Making	Concepts & Problem Solving	4	1	3	40	60		
A92003	Financial Management	Concepts Cases & Problem Solving	4	1	3	40	60		
A92004	Management Information System	Concepts and Cases	4	1	3	40	60		
A92005	Organizational Behavior	Concepts and Cases	4	1	3	40	60		
A92006	Business Ethics & Corporate Governance	Concepts and Cases	4	1	3	40	60		
A92007	Production & Operations Management	Concepts, Cases & Problem Solving	2	3	3	40	60		
A92201	Industry Analysis Report - Seminar	Using CMIE Prowess Database / Annual reports of companies, Industry SWOT, PEST and Contribution to Various areas like GDP etc. & MS Excel and working in any organisation during summer	0	3	2	50			
TOTAL			26	12	23	330	420		
TOTAL CREDITS AND MARKS					23	750			

Th= Theory; T/P= Theory/ Practicals; C= Credits

II YEAR - I SEMESTER								Marks	
Code	Subjects	Approach	Th	T/P	C	Intrnl	Extrnl		
A93001	Logistics & Supply Chain Management	Concepts and Cases	4	1	3	40	60		
A93002	Strategic Management	Concepts and Cases	4	1	3	40	60		
A93003	Cost and Management Accounting	Concepts and Cases	4	1	3	40	60		
	Elective 1	Concepts and Cases	4	1	3	40	60		
	Elective 2	Concepts and Cases	4	1	3	40	60		
	Elective 3	Concepts and Cases	4	1	3	40	60		
A93201	Business Best Practices - Seminar	Internet & Interaction with Executives		3	2	50			
TOTAL			24	9	20	290	360		
TOTAL CREDITS AND MARKS					20	650			

Th= Theory; T/P= Theory/ Practicals; C= Credits


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 Ananthagiri (V&M), Kodad,
 Suryapet (Dt.), Telangana-508206

II YEAR - II SEMESTER						Marks	
Code	Subjects	Approach	Th	T/P	C	Intnls	Extrnls
A94001	Entrepreneurship Concepts and Cases	Concepts and Cases	4	1	3	40	60
	Elective 4	Concepts and Cases	4	1	3	40	60
	Elective 5	Concepts and Cases	4	1	3	40	60
	Elective 6	Concepts and Cases	4	1	3	40	60
A94201	Success Story of an Entrepreneur- Seminar	Field Visit		3	2	50	
Main Project Work							
A94202	Stage-I: Research Methodology for the Main Project Work & Collection of Main Project Related Data from CMIE Prowess DATABASE or any source, or Data collected from the field -Seminar				2	50	
A94203	Stage-II : Comprehensive Viva				2		100
A94204	Stage-III: MAIN PROJECT REPORT & VIVA				4	25	75
TOTAL			16	7	22	285	415
TOTAL CREDITS AND MARKS					22	700	

Th= Theory; T/P= Theory/ Practicals; C= Credits

Total credits=88 (66 credits for 22 theory subjects +22 Credits for 2 PRACTICALS, 7 Seminars and Main Project) Total Marks = 2900

INTERNALS:

For theory Subjects (Total 40 Marks)

Short Answers (Compulsory) 5X2=10

Essay Questions (3 Out of 5) 3X10=30


EXTERNALS:

For theory Subjects (Total 60 Marks)

Short Answers (Compulsory) 5X4=20


Essay Questions (Internal Choice) 5X8=40

For practical subjects 40 Marks shall be awarded for day-to-day performance as internal marks


 Principal
 Anurag Engineering College
 Ananthagiri (VBM), Kovvur
 Suryapet (D.T.), Telangana 508006

CHOOSE TWO SUBJECTS FROM EITHER FINANCE ELECTIVES OR MARKETING ELECTIVES OR HR ELECTIVES AND ONE SUBJECT FROM OTHER ELECTIVE

MARKETING ELECTIVES			
Elective	Semester	Code	Subjects
Elective 1	II Year I Semester	A93004/M	Consumer Behaviour
Elective 2 & Elective 3 (for II Elective)	II Year I Semester	A93005/M	Services and Retailing Marketing
Elective 4	II Year II Semester	A94002/M	International Marketing
Elective 5 & Elective 6 (for II Elective)	II Year II Semester	A94003/M	Sales and Distribution Management
FINANCE ELECTIVES			
Elective	Semester	Code	Subjects
Elective 1	II Year I Semester	A93004/F	Management of Derivatives
Elective 2 & Elective 3 (for II Elective)	II Year I Semester	A93005/F	Security Analysis and Portfolio Management
Elective 4	II Year II Semester	A94002/F	Strategic Investment and Financing Decisions
Elective 5 & Elective 6 (for II Elective)	II Year II Semester	A94003/F	International Financial Management
HR ELECTIVES			
Elective	Semester	Code	Subjects
Elective 1	II Year I Semester	A93004/H	Performance & Reward Management
Elective 2 & Elective 3 (for II Elective)	II Year I Semester	A93005/H	Learning and Development
Elective 4	II Year II Semester	A94002/H	Management of Industrial Relations
Elective 5 & Elective 6 (for II Elective)	II Year II Semester	A94003/H	Leadership and Change Management


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Suryapet (Dt.), Telangana-508206

Resolution: The members after critical discussion unanimously decided to implement the existing syllabus for the courses mentioned in table for the A.Y 2015-2016.

Item No. 3: panel of examiners: The chairman informed the members about the necessity of having panel of the examiners

Resolution: The members unanimously empowered the chairman to finalize the panel of the examiners.

Item No 4: The Project Work Marks have been increased to 150 Marks instead of 100 therefore the total marks for MBA Course is 2800 Marks.

Resolution: The members after critical discussion unanimously decided to implement

Item No 5: For the Project Report

Internal Evaluation Marks -75 (50 marks evaluated by supervisor for periodical reviews of Project work and out of remaining 25, PRC evaluates for 15 marks and Supervisor Evaluates for 10 marks for overall Project Work.)

External Evaluation -75 marks.

Resolution: The members after critical discussion unanimously decided to implement.


Resolution: The members approved course structure and syllabus of First year of MBA Programme under CBCS.

Noted and Approved.



Chairman

**Board of Studies
Department of MBA**



**Principal
Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508200**

ANNEXURE-I

MBA I & II YEAR UNDER CBCS (R15)

MBA COURSE STRUCTURE (R15)

L: Lecture T: Tutorial P: Practical, C: Credits

I YEAR I SEMESTER


Code	Subject	Approach	L	T/P	C	Marks		
						INT	EXT	
A91001	Principles of Management	Concepts and Cases	4	1	3	40	60	
A91002	Business Environment	Concepts and Cases	4	1	3	40	60	
A91003	Financial Accounting & Analysis	Concepts & Problem Solving	4	1	3	40	60	
A91004	Managerial Economics	Concepts and Cases	4	1	3	40	60	
A91005	Marketing Management	Concepts and Cases	4	1	3	40	60	
A91006	Research Methodology & Statistical Analysis	Concepts & Problem Solving	4	1	3	40	60	
OPEN ELECTIVE-I								
A91007	Business Communication	Theory	4	1	3	40	60	
A91008	WTO & IPR							
A91009	Total Quality Management							
A91010	Project Management							
A91201	Computer Applications for Business	MS Office (Lab)	0	3	2	40	60	
Total			28	9	23	320	480	
Total Credits and Marks			23			800		

Principal

Anurag Engineering College
Ananthagiri (V&M), Kodad,
Suryapet (Dt.), Telangana-508206


I YEAR II SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A92001	Human Resource Management	Concepts and Cases	4	1	3	40	60
A92002	Quantitative Analysis for Business Decision Making	Concepts & Problem Solving	4	1	3	40	60
A92003	Financial Management	Concepts Cases & Problem Solving	4	1	3	40	60
A92004	Management Information System	Concepts and Cases	4	1	3	40	60
A92005	Organizational Behavior	Concepts and Cases	4	1	3	40	60
OPEN ELECTIVE-II							
A92006	Business Ethics & Corporate Governance	Theory					
A92007	Foreign Trade		4	1	3	40	60
A92008	Banking, Insurance & Risk Management						
A92009	MSME Management						
A92007	Production & Operations Management		Concepts, Cases & Problem Solving	4	1	3	40
A92201	Industry Analysis Report - Seminar	Using CMIE Prowess Database / Annual Reports of Companies, Industry SWOT, PEST and contribution to various areas like GDP etc. & MS-Excel and working in any organisation during summer	0	3	2	50	
Total			28	12	23	330	420
Total Credits and Marks			23			750	


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II YEAR I SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A93001	Logistics & Supply Chain Management	Concepts and Cases	4	1	3	40	60
A93002	Strategic Management	Concepts and Cases	4	1	3	40	60
A93003	Cost and Management Accounting	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 1	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 2	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 3	Concepts and Cases	4	1	3	40	60
A93201	Business Best Practices - Seminar	Internet & Interaction with Executives		3	2	50	
TOTAL			24	9	20	290	360
TOTAL CREDITS AND MARKS			20			650	


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II YEAR II SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A94001	Entrepreneurship Concepts and Cases	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 4	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 5	Concepts and Cases	4	1	3	40	60
Core Elective	Elective 6	Concepts and Cases	4	1	3	40	60
A94201	Success Story of an Entrepreneur- Seminar	Field Visit		3	2	50	
Main Project Work							
A94202	Stage-I :Pre submission project seminar				2	50	
A94203	Stage-II: Main project report & viva				4	40	60
A94204	Comprehensive Viva-Voce				2		100
Total			16	0	22	200	400
Total Credits and Marks			22			600	


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CHOOSE TWO SUBJECTS FROM EITHER FINANCE ELECTIVES OR MARKETING ELECTIVES OR HR ELECTIVES AND ONE SUBJECT FROM OTHER ELECTIVE

MARKETING ELECTIVES

Core Elective	Semester	Code	Subjects
Elective 1	II Year I Semester	A93004/M	Consumer Behaviour
Elective 2 & Elective 3 (for Finance (or) HR)	II Year I Semester	A93005/M	Services and Retailing Marketing
Elective 4	II Year II Semester	A94002/M	International Marketing
Elective 5 & Elective 6 (for Finance (or) HR)	II Year II Semester	A94003/M	Sales and Distribution Management

FINANCE ELECTIVES

Core Elective	Semester	Code	Subjects
Elective 1	II Year I Semester	A93004/F	Management of Derivatives
Elective 2 & Elective 3 (for Marketing (or) HR)	II Year I Semester	A93005/F	Security Analysis and Portfolio Management
Elective 4	II Year II Semester	A94002/F	Strategic Investment and Financing Decisions
Elective 5 & Elective 6 (for Marketing (or) HR)	II Year II Semester	A94003/F	International Financial Management


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HR ELECTIVES

Core Elective	Semester	Code	Subjects
Elective 1	II Year I Semester	A93004/H	Performance & Reward Management
Elective 2 & Elective 3 (for Marketing (or) Finance)	II Year I Semester	A93005/H	Training and Development
Elective 4	II Year II Semester	A94002/H	Management of Industrial Relations
Elective 5 & Elective 6 (for Marketing (or) Finance)	II Year II Semester	A94003/H	Leadership and Change Management

SERVICES SUBJECTS OFFERED BY MBA DEPARTMENT:

S.No	BRANCH	NAME OF THE SUBJECT	YEAR -SEM	SUBJECT CODE
1	EEE	Managerial Economics and Financial Analysis	II-II	A54008
2	EEE	Management Science	III-I	A55010
3	ME	Managerial Economics and Financial Analysis	III-I	A55021
4	ME	Industrial Management	III-II	A56019
5	ECE	Managerial Economics and Financial Analysis	II-II	A54008
6	ECE	Management Science	III-II	A56022
7	CSE	Managerial Economics and Financial Analysis	III-I	A55021
8	CSE	Management Science	IV-I	A57039


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Chairman
 Board of Studies
 Department of MBA



The Third Board of Studies (BOS) meeting, Dept. of MBA, Anurag Engineering College Ananthagiri(v),Kodad (M),Nalgonda (Dist),Telangana is held on 05.07.2016 at 2.00 PM at Anurag Group of Institutions, Hyderabad.

Members present:

S.No	Name of the Member	Position	Signature
1	Mr. Ch. Ramesh	Chairman, BoS, AEC, Kodad	Ramesh
2	Dr. Sindhu	BoS, SMS, JNTU(H) Nominee	Sindhu
3	Prof. V. Gangadhar	Director General, Badruka Group of Colleges	Gangadhar
4	Prof. A. Jagan Mohan Reddy	IPE, Hyderabad	
5	Dr.U.Balaji	Industrialist, Hyderabad	
6	Dr. G. Sabitha,	HoD, MBA, AGI, Ghatkesar	Sabitha
7	Dr. K. Mamatha	Associate Professor, AGI, Ghatkesar	Mamatha
8	Mrs. V. Sarada	Asst. Prof. MBA, AEC, Kodad	Sarada
9	Mrs. M. Shilpa	Asst. Prof. MBA, AEC, Kodad	Shilpa
10	Mrs. N. Anitha	Asst. Prof. MBA, AEC, Kodad	Anitha
11	Mr. S. Srinivas,	Asst. Prof. MBA, AEC, Kodad	Srinivas
12	Mrs. K. Rajya Lakshmi	Asst. Prof. MBA, AEC, Kodad	Rajya Lakshmi

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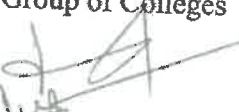

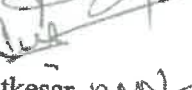
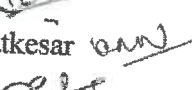
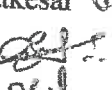




BOARD OF STUDIES MEETING MINUTES

05.07.16 AT 2.00 PM

MEETING MINUTES

Minutes of the meeting of the MBA Board of Studies held on 05.07.16 at 2.00 PM at Anurag Group of Institutions, Hyderabad.

Members present:

- Mr. Ch. Ramesh, Chairman, BoS, AEC, Kodad 
Dr. Sindhu, Chairperson, BoS, SMS, JNTU (H) 
Prof. V. Gangadhar, Director General, Badruka Group of Colleges 
Prof. A. Jagan Mohan Reddy, IPE, Hyderabad 
Dr. G. Sabitha, HoD, MBA, AGI, Ghatkesar 
Dr. K. Mamatha, Associate Professor, AGI, Ghatkesar 
Mrs. V. Sarada, Asst. Prof. MBA, AEC, Kodad 
Mrs. M. Shilpa, Asst. Prof. MBA, AEC, Kodad 
Mrs. N. Anitha, Asst. Prof. MBA, AEC, Kodad 
Mr. S. Srinivas, Asst. Prof. MBA, AEC, Kodad 
Mrs. K. Rajya Lakshmi, Asst. Prof. MBA, AEC, Kodad 

The following points were discussed and resolved:

1. 2014-15 syllabus has been redesigned as per UGC, New Delhi guidelines and adopted CBCS pattern for the academic year 2015-16.
2. BoS has recommended few modifications in the syllabus and approved the same for MBA program.
3. The following subjects have been offered to B. Tech Degree:
 - (i) Managerial Economics and Financial Analysis


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- (ii) Management Science
- (iii) Industrial Management

- 4. The contemporary management subjects may be introduced under open electives.
- 5. Panel of examiners have been approved by the Board of Studies

The board concluded with the above resolutions.




5/7/16



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MARKETING ELECTIVES

Core Electives	Semester	Code
Consumer behaviour	II Year I Semester	A93004/M
Sales and distribution	II Year I Semester	A93005/M
Integrated marketing communications	II Year I Semester	A93006/M
Retailing management	II Year II Semester	A94002/M
Services marketing	II Year II Semester	A94003/M
International marketing	II Year II Semester	A94004/M

FINANCE ELECTIVES

Core Electives	Semester	Code
Strategic management accounting	II Year I Semester	A93004/F
Security analysis and portfolio management	II Year I Semester	A93005/F
Financial institutions, markets & services	II Year I Semester	A93006/F
Strategic investment and financing decisions	II Year II Semester	A94002/F
International financial management	II Year II Semester	A94003/F
Financial derivatives	II Year II Semester	A94004/F

HR ELECTIVES


Core Electives	Semester	Code
Performance management	II Year I Semester	A93004/H
Training and development	II Year I Semester	A93005/H
Management of industrial relations	II Year I Semester	A93006/H
Compensation & reward management	II Year II Semester	A94002/H
International human resource management	II Year II Semester	A94003/H
Leadership & change management	II Year II Semester	A94004/H

III SEMESTER

In the III Semester, first three core courses are compulsory to all the students and four, five and six are core elective offered. Under core elective three different streams of specialization are offered such as Marketing, HRM and Finance. Under each specialization students are free/ open to opt any one of the three specializations offered. If student opts for finance specialization, he has to study all three courses of finance only in III Semester. The same is the case with HRM and MARKETING. This type of elective system is imposed keeping in mind the Industry / Bank / Private sector/ Public sector expectations for the recruitment and selection process.

IV SEMESTER

In the IV Semester, first one core course is compulsory to all the students. The students are supposed to study 2, 3 and 4 as elective courses. Under core elective three different streams of specialization are offered such as Marketing, HRM and Finance. Under each specialization students are free/ open to opt any one of the three specializations offered. If student opts for finance specialization, he has to study all three courses of finance only in IV Semester. The same is the case with HRM and MARKETING. This type of elective system is imposed keeping in mind the Industry / Bank / Private sector/ Public sector expectations for the recruitment and selection process.


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ANNEXURE-I


MBA I & II YEAR UNDER CBCS (R16)

MBA COURSE STRUCTURE (R16)

L: Lecture T: Tutorial P: Practical, C: Credits

I YEAR I SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A91001	Management and Organizational Behaviour	Overview and Cases	4	1	3	25	75
A91002	Business Environment	Overview and Cases	4	1	3	25	75
A91003	Financial Accounting & Analysis	Overview and Cases	4	1	3	25	75
A91004	Managerial Economics	Overview & Problem Solving	4	1	3	25	75
A91005	Statistics For Management	Overview and Cases	4	1	3	25	75
A91006	Business Communication	Overview and Cases	4	1	3	25	75
A91007	Computer Applications in Business	MS Office (Lab)	0	3	2	25	75
OPEN ELECTIVE-I							
A91008	Cross Cultural Management	Theory	4	0	3	25	75
A91009	WTO & IPR						
A91010	Total Quality Management						
A91011	Project Management						
Total			28	9	23	200	600
Total Credits and Marks			23			800	


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I YEAR II SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A92001	Human Resource Management	Overview and Cases	4	1	3	25	75
A92002	Quantitative Analysis for Business Decision	Overview and Cases	4	1	3	25	75
A92003	Financial Management	Overview & Problem Solving	4	1	3	25	75
A92004	Marketing Management	Overview and Cases	4	1	3	25	75
A92005	Business Ethics and Corporate Governance	Overview and Cases	4	1	3	25	75
A92006	Management Information system	Overview and Cases	4	1	3	25	75
OPEN ELECTIVE-II							
A92007	Banking, Insurance & Risk Management	Overview and Cases	4	1	3	25	75
A92008	Foreign Trade						
A92009	Logistics & Supply Chain Management						
A92010	MSME Management						
A92201	Industry Analysis Report - Seminar	Using CMIE Prowess Database / Annual Reports of Companies, Industry SWOT, PEST and contribution to various areas like GDP etc. & MS-Excel and working in any organization during summer	0	3	2	50	
Total			28	10	23	225	525
Total Credits and Marks			23			750	


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II YEAR I SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A93001	Production and Operations Management	Overview and Cases	4	1	3	25	75
A93002	Strategic Management	Overview and Cases	4	1	3	25	75
A93003	Research Methodology	Overview and Applications	4	1	3	25	75
Core Elective	Elective-1	Overview and Cases	4	1	3	25	75
Core Elective	Elective-2	Overview and Cases	4	1	3	25	75
Core Elective	Elective-3	Overview and Cases	4	1	3	25	75
A93201	Business Best Practices –Seminar	Internet & Interaction with Executives		3	2	50	
Total			24	9	20	200	450
Total Credits and Marks			20			650	

II YEAR II SEMESTER

Code	Subject	Approach	L	T/P	C	Marks	
						INT	EXT
A94001	Entrepreneurship Concepts and Cases	Overview and Cases	4	1	3	25	75
Core Elective	Elective-4	Overview and Cases	4	1	3	25	75
Core Elective	Elective-5	Overview and Cases	4	1	3	25	75
Core Elective	Elective-6	Overview and Cases	4	1	3	25	75
A94201	Success Stories of Entrepreneurs-Seminar	Field Visit		3	2	50	
Main Project Work							
A94202	Stage-I : Pre Submission Project & Viva				2	50	
A94203	Stage-II: Final Project Report & Viva				4	40	60
A94204	Comprehensive Viva-Voce				2		100
Total			16	7	22	240	460
Total Credits and Marks			22			700	

Core elective streams (choose any one stream subjects as core elective)

MARKETING ELECTIVES:


Electives for III Semester		
Core Electives	Semester	Code
Consumer Behavior	II Year I Semester	A93004/M
Sales and Distribution	II Year I Semester	A93005/M
Integrated Marketing Communications	II Year I Semester	A93006/M

Electives for IV Semester		
Core Electives	Semester	Code
Retailing Management	II Year II Semester	A94002/M
Services Marketing	II Year II Semester	A94003/M
International Marketing	II Year II Semester	A94004/M

FINANCE ELECTIVES:

Electives for III Semester		
Core Electives	Semester	Code
Strategic Management Accounting	II Year I Semester	A93004/F
Security Analysis and Portfolio Management	II Year I Semester	A93005/F
Financial Institutions, Markets & Services	II Year I Semester	A93006/F


Electives for IV Semester		
Core Electives	Semester	Code
Strategic Investment and Financing Decisions	II Year II Semester	A94002/F
International Financial Management	II Year II Semester	A94003/F
Financial Derivatives	II Year II Semester	A94004/F



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HR ELECTIVES:

Electives for III Semester		
Core Electives	Semester	Code
Performance Management	II Year I Semester	A93004/H
Training and Development	II Year I Semester	A93005/H
Management of Industrial Relations	II Year I Semester	A93006/H

Electives for IV Semester		
Core Electives	Semester	Code
Compensation & Reward Management	II Year II Semester	A94002/H
International Human Resource Management	II Year II Semester	A94003/H
Leadership and Change Management	II Year II Semester	A94004/H


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