

**Bapatla Engineering College:: Bapatla**  
**(Autonomous)**


**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**Minutes of Board of Studies online Meeting held on 08/07/2022(Friday)**

Members of the Board of Studies in Electronics and Communication Engineering Department have met through online (Google Meet) on 08/07/2022 (Friday) at 10.30 am and discussed the syllabus and finalized for 3<sup>rd</sup> year 1<sup>st</sup> sem and 2<sup>nd</sup> sem. It is also finalized the subjects for 4<sup>th</sup> year 1<sup>st</sup> sem for B.Tech Electronics and communication engineering for 2020 batch( R-20 Regulations). The minutes of the meeting are listed below.

1. Dr.B. Harikrishna suggested to include new textbooks for the following subjects  
(i) Information theory and coding(20ECD11) for 3<sup>rd</sup> year 1<sup>st</sup> sem.  
(ii) Mobile and cellular Communications (20ECD22) for 3<sup>rd</sup> year 2<sup>nd</sup> sem.
2. Dr.B. Harikrishna suggested to include the new Topic in DSP (20EC603) subject for 3<sup>rd</sup> year 2<sup>nd</sup> sem.
3. Dr.T.Sreenivasulu Reddy suggested to modify the list of programs in DSP lab (20CL61) for 3<sup>rd</sup> year 2<sup>nd</sup> sem.

**Modifications:**

- (a) As per the suggestion from Dr.B.Harikrishna the new textbooks are included as follows  
(i) **"ELEMENTS OF INFORMATION THEORY"**, Second Edition THOMAS M. COVER JOY A. THOMAS is included for the information theory and coding (20ECD11) subject.  
(ii) **Wireless Communications"** 1st Edition, Kindle Edition, Goldsmith is included for the subject mobile and cellular Communications (20ECD22) for 3<sup>rd</sup> year 2<sup>nd</sup> sem.
- (b) As per the suggestion from Dr.B.Harikrishna, a new topic **"Fundamentals of Multirate systems: Basic Multirate operations, interconnection of building blocks"** Is included in DSP (20EC603) subject for 3<sup>rd</sup> year 2<sup>nd</sup> sem.
- (c) As per the suggestions from Dr. T. Sreenivasulu Reddy, some of the new programs are included in DSP lab(20CL61) for 3<sup>rd</sup> year 2<sup>nd</sup> sem.

  
14/7/22  
**Professor & Head**  
**ECE Department**  
**Bapatla Engineering College**  
**Bapatla-522 102**



List of BOS Members:

Sl.No.	Name of the Member	Attended/ Not Ateended	Signature
1.	Dr. P. Siddaiah	Attended	Online
2.	Dr.T. Sreenivasulu Reddy	Attended	Online
3.	Dr. U. V. RatnaKumari	Attended	Online
4.	Dr. B. Hari Krishna	Attended	Online
5.	P. DurgaSameera	Attended	Online
6.	Dr. N. Venkateswara Rao	Attended	N. Venkateswara Rao
7.	Dr. B. Chandra Mohan	Attended	B. Chandra Mohan
8.	K. Sambasiva Rao	Attended	K. Sambasiva Rao
9.	Dr. P.VinodhBabu	Attended	P. Vinodh Babu
10.	Dr. U. SrinivasaRao	Attended	U. Srinivasa Rao
11.	Dr. P. Surendra Kumar	Attended	P. Surendra Kumar
12.	Dr. J.Chandrasekhar Rao	Attended	J. Chandrasekhar Rao
13.	Dr.M.Vinod Kumar	Attended	M. Vinod Kumar
14.	Dr Ch. V.M.S.N. Pavan Kumar	Attended	Ch. V.M.S.N. Pavan Kumar
15.	Dr. R.Bhargav Ram	Attended	R. Bhargav Ram
16.	Sk.M. Subhani	Attended	Sk. M. Subhani
17.	D. Swetha	Attended	D. Swetha
18.	T.Krishna Chaitanya	Attended	T. Krishna Chaitanya
19.	M. Suneel	Attended	M. Suneel
20.	P.P.M. Prasad	Attended	P.P.M. Prasad
21.	B. Surendra Babu	Attended	B. Surendra Babu
22.	Sk. Idrish	Attended	Sk. Idrish
23.	N. Naga Swathi	Attended	N. Naga Swathi
24.	Y. Sruthi	Attended	Y. Sruthi
25.	K. Kalpana	Attended	K. Kalpana
26.	Dr. K. Rajesh	Attended	Dr. K. Rajesh
27.	N. Nagendra Reddy	Attended	N. Nagendra Reddy
28.	G. Mahesh	Attended	G. Mahesh
29.	A.VijayaBhaskar	Attended	A. Vijaya Bhaskar
30.	M.Srikanth	Attended	M. Srikanth
31.	L.V.K Kartheek	Attended	Kartheek

*N. Venkateswara Rao*  
08/11/2020  
Dr. N. Venkateswara Rao

*N. Venkateswara Rao*

HO-D, ECE DEPT  
BAPATLA ENGINEERING COLLEGE  
BAPATLA - 522404

Chairman-Board of Studies  
Professor & Head, ECE Dept.



## BoS meeting on 08/07/2022 for finalize the 3<sup>rd</sup> year 1<sup>st</sup> sem and 2<sup>nd</sup> sem syllabus

https://meet.google.com/rxs-yfzx-mmh

You're presenting to everyone Stop presenting

PRESENT NOTES: Meet hasn't been activated. To keep using Meet without interruption, activate before Monday, January 2, 2023.

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CE: Continuous Internal Evaluation  
L: Lecture, T: Tutorial, P: Practical  
BS: Basic Science Courses, ES: Engineering Science Courses  
PC: Professional Core

PEC Elective III:  
20ECD31:RADAR Engineering  
20ECD32:Speech Processing  
20ECD33:FPGA Design  
20ECD34:MEMS

PEC Elective IV:  
20ECD41:Satellite communication  
20ECD42:Wireless communication  
20ECD43:Advanced DSP

To avoid an infinity mirror, don't share your entire screen or browser window. Share just a tab or a different window instead.

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11:32 AM | rxs-yfzx-mmh

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11:32 AM 7/8/2022

https://meet.google.com/rxs-yfzx-mmh

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BoS meeting @10:30 am 08/07/22 Meet - rxs-yfzx-mmh

https://meet.google.com/rxs-yfzx-mmh

Dr. P. SURENDRA KUMAR is presenting

	HSS	SOC	Artificial neural networks	Industrial/Research Internship 2 Months (Mandatory) after third year (to be evaluated during VIII semester)	TOTAL
Management and Entrepreneurship Development	3	0	0	3	30
Artificial neural networks	1	0	2	3	30
Industrial/Research Internship 2 Months (Mandatory) after third year (to be evaluated during VIII semester)				3	100
TOTAL	17	0	2	19	210
					420
					630
					23

Honors/Major courses (The hours distribution can be 3-6-2 or 3-4-8 also) 4

CIE: Continuous Internal Evaluation  
L: Lecture, T: Tutorial, P: Practical  
BS: Basic Science Courses, ES: Engineering Science Courses  
PC: Professional Core

PEC Elective-III:  
20ECD31-RADAR Engineering  
20ECD32-Speech Processing  
20ECD33-FPGA Design  
20ECD34-MEMS

PEC Elective-IV:  
20ECD41-Satellite communication  
20ECD42-Wireless communications  
20ECD43-Advanced DSP  
20ECD44-Cloud computing

11:31 | rxs-yfzx-mmh

BoS meeting @10:30 am 08/07/22 Meet - rxs-yfzx-mmh

https://meet.google.com/rxs-yfzx-mmh

Dr. P. SURENDRA KUMAR is presenting

Dr. A. Vijaya Bhaskar has left the meeting

11:32 | rxs-yfzx-mmh



rxs-yfzx-mmh ▶



W32-Lecture-04-02-2020

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11:40 AM Wednesday, 11 February 2020

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**BAPATLA ENGINEERING COLLEGE :: BAPATLA**  
(Autonomous)

Linear Regulated Circuits  
III B Tech - V Semester (Code: 3BEC50)

Section	1	Tutorial	0	Practical	0	1 <sup>st</sup> Exam	3
Continuous Internal Assessment	1	30		Semester End Examination (1 Hour)			70

**Prerequisites:** Digital Electronics & Electronic Circuits

**Course Objectives:** To learn  
CO1: To understand the basic concepts of operational amplifier and its various applications.  
CO2: To Apply the techniques for the design of various Oscillators and Comparators.  
CO3: To Analyze Nonlinear Wave shaping circuits and different A/D and D/A Converters.  
CO4: To Analyze the filters and understand the functioning of different IC's and their Applications.

**Course Outcomes:** Students will be able to  
CLO1.1: Elucidate the block diagram, classifications and characteristics of Op.Amp.  
CLO1.2: Infer the DC and AC characteristics of operational amplifiers and its effect on output and their compensation techniques.  
CLO2.1: Analyze and Design Linear and Non-Linear applications.  
CLO3.1: Analyze the applications of Oscillators and Comparators.  
CLO4.1: Design Nonlinear wave shaping circuits and understand the classifications, Characteristics and use of data converters.  
CLO4.2: Design various active filter configurations based on frequency response using IC's.

Dr. P. SURENDRA KUMAR is presenting



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