



# PRAGATI ENGINEERING COLLEGE

(An Autonomous Institution)

1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G.Dist, A.P.  
(Permanently Affiliated to JNTUK, Kakinada and Accredited by NAAC with 'A' Grade)  
Recognized by UGC 2(f) and 12(b) under UGC act, 1956, Ph : (08852) 252233, 252234, Fax : 252232

## ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

### BOS Meeting on 31<sup>st</sup> March and 1<sup>st</sup> April, 2018

The following Committee members had attended Board of Studies Meeting for the ECE Department on 31-03-2018 and 01-04-2018 at Conference hall in ECE Department.

S.No	Composition	Member	Signature
1	Chairman BOS	Dr.K.Sivakumara Swamy	
2	Experts in the subject from outside	Dr.M.Ramasubba Reddy, Professor, Dept of Applied Mechanics , IIT Madras	
		Dr.Narasimha Sharma N V S, Professor of ECE, NIT Warangal	
3	Expert From University	Dr.A.M.Prasad Professor & Vice Principal JNTUK, Kakinada	
5	Representative from industry	CYINET	- Absent -
6	Postgraduate meritorious alumnus	Sri.G.Lokesh Kumar RF Engineer Andhra Electronics, Kakinada	
7	Expert Members of the college	Dr.G.Raghuram	
		Dr.V.Sailaja	
		Mr.V.Prasanth	
		Mr.G.S.Sivakumar	
		Mrs.P.Sunitha	
		Mr.K.Raghuram	
		Mr.D.Nataraj	
Mrs.G.Srilakshmi			





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## ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

1-04-2018

### Minutes of the Meeting

Minutes of the meeting of the Board of Studies in Electronics and Communication Engineering held on 31-03-2018 and 01-04-2018 in the Conference hall of the Department of Electronics and Communication Engineering.

S.No	Composition	Member	Signature
1	Chairman BOS	Dr.K.Sivakumara Swamy	
2	Experts in the subject from outside	Dr.M.Ramasubba Reddy, Professor, Dept of Applied Mechanics, IIT Madras	
		Dr.Narasimha Sharma N V S, Professor of ECE, NIT Warangal	
3	Expert From University	Dr.A.M.Prasad Professor & Vice Principal JNTUK, Kakinada	
5	Representative from industry	CYINET	- Absent -
6	Postgraduate meritorious alumnus	Sri.G.Lokesh Kumar RF Engineer Andhra Electronics, Kakinada	
7	Expert Members of the college	Dr.G.Raghuram	
		Dr.V.Sailaja	
		Mr.V.Prasanth	
		Mr.G.S.Sivakumar	
		Mrs.P.Sunitha	
		Mr.K.Raghuram	
		Mr.D.Nataraj	
Mrs.G.Srilakshmi			



## Agenda:

1. Welcome Address by Chairman – BOS
2. Discussion on proposed B.Tech Third and Final Year courses syllabus and ratification of the same.
3. Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses for B.Tech Third and Final Year.
4. Finalization of text books and reference books.
5. Any other item.
  - a) Target levels of CO attainment.
  - b) MOOCs Implementation
  - c) Suggestion for evaluation procedure for Audit/Non Credited Courses





✓ **Day-1: (31.03.2018) - Agenda**

1. Address by Principal in common BOS regarding common guidelines – 10.30AM to 11.00AM

**Tea & Snacks – 11.00AM to 11.30AM**

2. BOS meeting at department – 11.30AM to 01.00PM

- Welcome Address by Chairman – BOS
- Discussion on proposed III B.Tech & IV B.Tech courses syllabi and course outcomes and ratification of the same.
- Finalization of text books & reference books.

**LUNCH (01.00PM to 02.00PM)**

3. BOS meeting at department – 02.00PM to 04.00PM

- Discussion on proposed III B.Tech & IV B.Tech courses syllabi and course outcomes and ratification of the same.
- Finalization of text books & reference books.

**Day-2: (01.04.2018) - Agenda**

1. BOS meeting at department – 09.30AM to 11.00AM

- Discussion on proposed III B.Tech & IV B.Tech courses syllabi and course outcomes and ratification of the same.
- Finalization of text books & reference books.

**Tea & Snacks – 11.00AM to 11.30AM**

2. BOS meeting at department – 11.30AM to 01.00PM

- Discussion on proposed III B.Tech & IV B.Tech courses syllabi and course outcomes and ratification of the same.
- Finalization of text books & reference books.

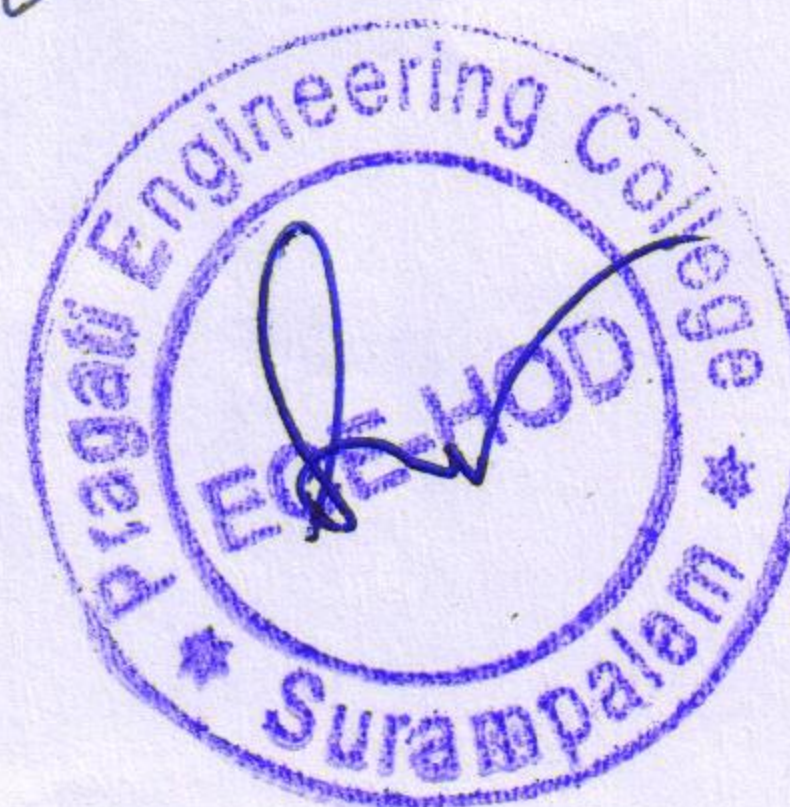
**LUNCH (01.00PM to 02.00PM)**

3. BOS meeting at department – 02.00PM to 03.30PM

- Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses of IIIB.Tech & IV B.Tech. ✓
- To decide target levels for attainment of COs for each subject.
- Discussion on AICTE proposed curriculum. ✓

**Tea & Snacks – 03.30PM to 04.00PM**

**Departure from College**







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## ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

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### BOS Meeting- Schedule

#### Day-1: (31.03.2018) - Agenda

BOS meeting at department – 11.30AM to 01.00PM  
Welcome Address by Chairman – BOS

Discussion on proposed III B.Tech course syllabi and course outcomes and ratification of the same.

Finalization of text books & reference books.

#### **LUNCH (01.00PM to 02.00PM)**

BOS meeting at department – 02.00PM to 06.00PM

Discussion on proposed IV B.Tech course syllabi and course outcomes and ratification of the same.

Finalization of text books & reference books.

#### Day-2: (01.04.2018) - Agenda

BOS meeting at department – 09.30AM to 01.00PM

Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses of IIIB.Tech& IV B.Tech.

To decide target levels for attainment of Cos for each subject  
Discussion on AICTE proposed curriculum.







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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### RESOLUTIONS:

#### Considered Item no 2:

- 1) Reviewed the proposed Syllabus of Theory and Laboratory Courses for III and IV year courses with minor corrections and suggestion and ratified the same.
- 2) Suggested to Review Course Outcomes of all years from expert committee from NIT Warangal or any other reputed Institute.

#### Considered Item no 3

Model Papers for Internal and external examinations of both theory and Laboratory Courses are reviewed and ratified.

#### Considered Item no 4

Recommended text books and reference books for III and IV year courses.

#### Considered Item no 5.a

Target levels for CO attainment for all the courses are discussed and approved.

#### Considered Item no 5.b

It was suggested to make all students Register in NPTEL Online courses in III-I as a Part of MOOCs Course and those who failed to Obtain Certification from NPTEL should go through the internal Examination conducted by Department for 100 Marks. The Department has to issue MOOCs Course completion certificate who cleared Department Internal Examination.

#### Considered Item no 5c.

It is resolved and ratified to follow the guidelines of College in regard to Audit/ Non-Credited Courses.

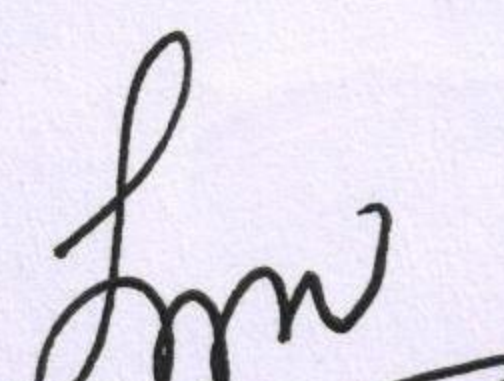


### Modifications and Action Taken:

The following Minor Modifications of III and IV Year Syllabus were discussed with reference to **Item No.2** among Board of studies members and approved

S.No	Modifications Suggested	Action Taken and Ratified in BoS
1	It is suggested to add more experiments in PDC & IC Lab	More No. Of Experiments are included in PDC Lab
2	It was advised to Link Each Laboratory to the subject of reference	Modifications Done and Ratified
3	The Syllabus of the following subjects has been suggested to Modify keeping in view of student understanding levels. a) Antennas and Propagation. b) VLSI Design c) Microprocessor and Microcontrollers d) Optical Communications e) Radar Engineering f) Embedded Systems g) Electronic Instrumentation(CIVIL)	Outdated Topics are removed and New topics relevant to present Technologies are included in Syllabus and ratified
4	The following Labs were suggested to include software experiments on MATLAB and provide more exposure to MATLAB. a) Analog Communications Lab b) Digital Communications Lab	6 experiments are included in each lab and ratified
5	It is suggested to Purchased <b>Software Defined Radio</b> to conduct experiment in Digital Communication Lab.	It will be procured in Next year Budget
6	It is advised to Purchase <b>Tanner Tools</b> for VL:SI Design Subject and Conduct Certificate courses in advanced areas related to VLSI	Proposal will be sent to Finance Committee for the approval.
7	AS a Part <b>SWAYAM</b> it is recommended to register one course either in <b>NPTEL</b> or from <b>Elective</b> prescribed by the college	ratified
8	It is recommended to Conduct Mini Project in-house and evaluate it at the end of the semester for 50 Marks by constituting a Project Review Committee through internal Viva-Voce.	ratified



  
Dr. K. Sivakumara Swamy  
Chairman, BOS

HEAD OF THE DEPARTMENT  
DEPARTMENT OF ECE  
PRAGATI ENGINEERING COLLEGE  
SURAMPALEM