

PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

Ph: 08852 – 252233, 34. Website: www.pragati.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

31-07-2019

PEC/ECE/Circular/BoS/1

CIRCULAR

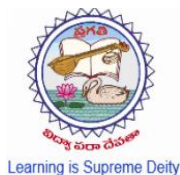
All the members of Board of Studies (BoS) are here by informed that there will be a meeting on 03-08-2019 and 04-08-2019 for discussing the following agenda.

Agenda:

1. Welcome Address by Chairman – BOS
2. Discussion on proposed R-19 course structure of B.Tech & M.Tech courses syllabi and ratification of the same.
3. Discussion on proposed B.Tech first Year and second Years courses syllabi M.Tech courses syllabi and ratification of the same.
4. Discussion of ratification of new courses
5. Discussion of ratification of course objectives, course outcomes, and CO-PO mapping.
6. Finalization of text books & reference books.
7. Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.
8. Discussion of action taken report as per suggestions given by stake holders.

Copy to: a) Principal Office
b) Dept. BoS File
c) Circulate among staff members

Sailaja V.
BoS Chairman
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04-08-2019

The Department of Electronics and Communication Engineering 4th BoS meeting held on 03-08-2019 and 04-08-2019. The following are the Resolutions and suggestion given by BoS experts.

RESOLUTIONS:

Considered Item no 2:

It is resolved to ratify the Proposed 4 years course structure of R-19 Regulations for B.Tech and M.Tech subjected to the following modification and suggestion.

UG-B.Tech

1. It is resolved to move Electronic Workshop from III-I semester to I-II semester.
2. It is resolved to remove IoT Laboratory to compromise Credits weight age.
3. It is resolved to Separate Microwave & Optical Communication as two Different subjects
4. It is resolved to introduce **OPERATING SYSTEMS** subject in **III-L** .
5. It is resolved to make **Electronics measurements and Instrumentation** Subject. Professional core subject and **Radar Systems** as Professional Elective.
6. It is Resolved to Include **Electronics measurements and Instrumentation Laboratory** In IV-I semester.
7. Title change of Multimedia and Signal Coding as Multimedia Communication with case study examples.

PG-M.Tech (Embedded Systems):

-No Suggestions-

PG-M.Tech (VLSISD):

-No Suggestions-

M.Tech Common Resolution

(a) It is resolved to give or 2 Common Elective to both ES & VLSL

Considered Item no 3

1. It is resolved to add more case study example in Real Time Operating Systems Subject in M.Tech- Embedded Systems Course.
2. It is resolved to add IoT concepts in Embedded Networking relate Subject in M.Tech- Embedded Systems Course.
3. It is resolved to give more Emphasis to comprehensive viva in M.Tech ES & VLSISD
4. It is resolved to add Topics of System concepts in Signal and Systems syllabus.

Considered Item no 4

1. Total 33 New courses were introduced in R19 Course structure and the same is ratified

Considered Item no 5

1. Course objectives, Course outcomes and CO-PO mapping were reviewed and advised faculty members to verify the mapping again.

Considered Item no 6

1. It is resolved to ratify all the proposed model papers for Internal and External Examination of both theory and Laboratory Courses

Considered Item no 7

1. It is resolved to ratify the text books and reference books for R-19 B.Tech course Structure from 3 year to 4 Year subjected to Next BOS meetings.
2. It resolved to include 3 textbooks and 2 reference books for every subject in Course structure.

Considered Item no 8

1. Stake holders Feedback Analysis and Action taken report(ATR) on Curriculum feedback is presented before BoS Committee and few of the suggestion were incorporated in R19 Curriculum

SUGGESTIONS (subjected to ratify in consultation with other BoS):**B.Tech**

1. Linear Algebra should be studied in 1st semester.

2. More Emphasis is given to Numerical Methods (5 units syllabus on numerical methods).
3. Applied Physics is not suggestible for ECE students change as Engineering Physics.
4. Applied Chemistry is no way related to ECE so remove the subject and add one more core/programming subject.
5. For labs one credit is sufficient. So we can add more number of subjects which were removed due to credits reduction from 180 to 160.
6. BEE subject and lab must be in the same semester.
7. In mathematics Fourier analysis should be covered in transform techniques.
8. Weight age of credits should be increased for core subjects (EDC, CS, NA, etc..)
9. Microprocessor should be combined with Computer Architecture.
10. Professional Electives should be completed before 8th semester.
11. Open electives can be studied in 8th semester so that they can go outside for projects in industries.
12. MOOC's course should have credits.
13. All the Professional Electives shall be enclosed in a list and student is expected to complete the professional electives from the list depending on the prerequisites.
14. Experts suggested more focus should be on skill oriented and employability courses.
15. As per NEP2020 policy entrepreneur course should be included in the curriculum.

M.Tech

Change the name project as Dissertation. Project is for group of people where as Dissertation related to one person.

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BOS - chairman

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