

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY, CHEERYAL, KEESARA, MEDCHAL
(AUTONOMOUS)

Department of Electronics and Communication Engineering.

Minutes of the Board of Studies (BoS)

Venue: Board Room

Time: 10AM -2PM

Date: June 23, 2018

Members Present

JNTUH Nominee:

Subject Expert1 (from Academia):

Subject Expert2 (from Academia):

Chairman, ECE Dept BOS:

GCET Alumni Representative,:

Dr. D. Srinivasa Rao, Professor ECE, JNTUH, Hyderabad

Dr.C.B.Rama Rao, Professor ECE, NIT Warangal

Dr. Anil Kumar Vuppala IIIT, Hyderabad

Prof. B. Hari Kumar, HOD, ECE, GCET

Mr.RVNR Suneel Krishna

Internal Members of the ECE Dept. GCET:

1. Dr.R.S.Raju, Professor

2. Mr.K.Somasekhara Rao, Professor

3. Dr. Vijaya Gunturu, Professor

4. Dr.C.V.Narasimhulu, Professor

5. Dr.S.Suryanarayana, Professor

6. Dr.P. Vijai Bhaskar, Professor

7. Dr. S. Ramana Murthy, Professor

8. Mr. OVPR Siva Kumar, Professor

9. Dr.V.Satya Srinivas, Associate Professor

10. Mr.D.Venkata Rami Reddy, Associate Professor

Members Not Present: Subject Expert3 (from Industry): Mr.Sandeep M.Satav RCI, DRDO.

Minutes (Agenda Item-wise)

1. Welcoming Members by the HoD ECE Dept.: Prof. B. Hari Kumar

The Chairman for the ECE Department BoS and the Head of the Department (HoD): Prof. Hari Kumar welcomed members to the BoS Meeting. The meeting started with the introduction of BoS members by HoD. He also introduced the new members of BoS Dr. S. Ramana murthy and Dr. P. Vijai Bhaskar to other members.

2. Discussion and seeking the Approval of proposed detailed syllabi for IV Year

B.Tech (ECE) under Autonomous status (vide AR16)

A. Dr.D.Srinivasa Rao suggested to have FIVE course outcomes and FIVE course objectives for each course (one course outcome per unit and one course objective per unit) and accepted by all other members.

B. **Microwave Engineering (16EC4101):** The contents of the course are approved by the members and it is suggested to remove "illustrative problems" in UNIT-I , UNIT-II and UNIT-III.

Cellular and Mobile Communications (16EC4102): The contents of the course are approved by the members and it is suggested to replace Text book number 2 by Reference book 3.

Microwave Engineering and Digital Communications Lab (16EC41L1): The contents of PART-A of the course are approved by the members, the contents of PART-B of the course are approved with a modification in Experiment number 10, replacing PAM by QPSK. Accordingly it is suggested to change the corresponding Course objective and Course outcome.

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Satellite Communications (16EC4105): The contents of the course are approved by the members and it is suggested to add Antennas and wave propagation (16EC3103) as pre-requisite. It is suggested to include "D.C. Agarwal, Satellite Communications, Khanna Publications, 5th edition as Reference Book 1.

Digital Image Processing (16EC4105): The contents of the course are approved by the members and it is suggested to modify CO 5 by removing the term "noise free".

Embedded Systems Lab (16EC41L2): The contents of the course are approved by the members. It is suggested to make Experiments 11 and 12 are mandatory out of the total 10 experiments to be conducted.

Wireless Communication Networks (16EC4201): The contents of the course are approved by the members. It is suggested to change the title of UNIT V as "Wireless Network Standards" instead of "Wireless Networks". It is recommended to include Reference Book 1 as Text Book 2 and Text Book 2 and 3 as Reference Books.

- C. The following courses are approved without any modification.
1. Digital Signal Processors and Architecture (16EC 4103)
 2. Radar Systems (16EC4202)
 3. VLSI Technology (16EC4206)
 4. Biomedical Instrumentation (16EC4254) (Open Elective – IV)

3. Any other item (such as but not limited to: AICTE Model Curriculum structure) :

- i) The Modifications proposed in Course Outcomes of II and III B.Tech ECE AR-16 of the following Courses are approved :
 - a) Analog Communications (16EC2204)
 - b) Simulation Lab – II (16EC22L3)
 - c) Analog Communications Lab (16EC22L2)
 - d) IC Applications and HDL Simulation Lab (16EC31L2)
- ii) Discussion on AICTE Model Curriculum Structure and syllabus is deferred to next meeting as JNTUH is at the verge of finalizing the same, as per the information given by Dr D. Srinivasa Rao, JNTUH nominee.

The meeting is concluded at 2:00 pm after the Chairman expressing thanks to all the members for attending the meeting.



Prof. B.Hari Kumar
Chairman, ECE Department BoS

- Encl:** 1. Draft copy of the IV B.Tech ECE AR-16 Syllabus
2. Modified copy of the IV B.Tech ECE AR-16 Syllabus
3. Modifications of Course Outcomes of II and III B.Tech ECE AR-16 Syllabus