



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CET campus, Thiruvananthapuram - 695 016
Ph: 0471 2598122; Fax: 2598522 www.ktu.edu.in Email: university@ktu.edu.in

Minutes of Board of Studies (Electronics and Communication)

Members present

- 1) Prof. Dr. Shahul Hameed (Chairman)
- 2) Prof. Dr. S. Santhoshkumar (Convenor)
- 3) Prof. Dr. Sreelekha G
- 4) Prof. Dr. V. Vinodkumar
- 5) Prof. Dr. Renu Jose
- 6) Prof. Kala L
- 7) Prof. Dr. Thomas George
- 8) Prof. Y. Premson
- 9) Prof. Dr. Jayarejini
- 10) Prof. Dr. Mini P R
- 11) Prof. Dr. Anoop V
- 12) Prof. Dr. Gireesan K K
- 13) Prof. Dr. Birenjith P. S
- 14) Prof. Anil kumar C.V

The meeting discussed the following matters pertaining to the curriculum and syllabus of B.Tech (EC-2019 scheme).

- 1) As per the curriculum of B.Tech (Electronics and Communication-2019) approved by academic council, no core courses are offered on microwave techniques and antenna theory. Chairman, BoS briefed that previous curriculum committee, while framing up the curriculum, was of the view that the basics of these topics may be included in the core course on Electromagnetics. But while framing up the syllabus, BoS members pointed out the difficulty in doing so and it has resulted in a situation that the courses on Antennas and Microwaves happen to be electives. . Many faculty members from various institutes and chair of the respective IEEE Society has pointed out the matter since 5G and associated technologies need a sound introduction of antennas and microwaves.
- 2) Chairman, BoS has raised a point with regard to the name of a course in the master's

[Signature]
DR. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
Jyothis Engineering College
Cheruthuruthy P.O. - 675 101

(ECT 374 Electronic Design and Automation Tools) offered in one of the Honors baskets. He suggested that the syllabus framed is on Electronic Design Automation and it would not be feasible to write a syllabus on Electronic Design and Automation Tools.

- 3) Prof Anil Kumar C.V suggested that the content of the syllabus of the course Digital Communication (ECT 254) is not fit for a minor course as it contains excessive mathematical treatments.

The committee had made extensive deliberations on the above points and decided as follows.

Decisions

- On item number 1 above, the committee decided to recommend the following for the approval of the academic council.

1.

1.1. The core course in seventh semester ECT401 Wireless Communication to be replaced by a core course 'Microwaves and Antennas'. i.e. ECT 401 to be renamed as Microwaves and Antennas.

The core course in eighth semester ECT 402 Instrumentation to be replaced by the course 'Wireless Communication' i.e. ECT 402 to be renamed as Wireless Communication.

Since the contents of the course in seventh semester ECT443 Antenna and Wave Propagation (program elective II) will be covered by the newly introduced core Microwaves and Antennas, it can be removed and the course 'Instrumentation' shall be included there.

i.e. ECT443 to be renamed as Instrumentation

- On item number 2 above, the committee decided to recommend the following for the approval of the academic council.

The course in sixth semester offered in honors basket ECT 374 Electronic Design and Automation Tools may be renamed as ECT 374 Electronic Design Automation.

- On item number 3, the committee entrusted the members Dr. Birenjith and Prof. Kala L to revisit the syllabus and suggest modifications, if required.

The meeting closed at 4.15 PM


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531