

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING, CEG CAMPUS
ANNA UNIVERSITY, CHENNAI**

**TWENTY EIGHT DEPARTMENTAL CONSULTATIVE
COMMITTEE MEETING**

DATE	08.02.2022
TIME	02.45 P.M
VENUE	Online Meeting

AGENDA



**ANNA UNIVERSITY CHENNAI
CHENNAI – 600025**

Date : 08.02.2022
Time : 2.45 p.m.

Venue : Online Meeting
Department of ECE

AGENDA

Item No.	Description
28.01.01	To Consider and recommend the proposal for two Value Added Courses titled “Nanometer CMOS Analog/RF Design Challenges” and “IoT Sensor node power management unit” of two credits each for the Under Graduate and Post Graduate students of the department.
28.01.02	To Consider and recommend the proposal for MOOC course on Artificial Intelligence-A Practical Approach to be Co-ordinated by Dr.M.A.Bhagyaveni, Professor, Department of Electronics and Communication Engineering, CEG, Anna University.
28.01.03	To consider and recommend the closure of Part Time programmes B.E. ECE (P.T) from the forthcoming academic session starting July 2022.
28.01.04	To Consider and recommend the Open Elective list to be offered by the department under R2019.

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
COLLEGE OF ENGINEERING, GUINDY ,
ANNA UNIVERSITY, CHENNAI – 600 025**

Minutes of the Twenty Eight Departmental Consultative Committee (DCC) meeting of the Department of Electronics and Communication Engineering held on 08.02.2022 at 2.45 pm through Online Mode in MS Teams

The Twenty Eighth Departmental Consultative Committee meeting of Department of Electronics and Communication Engineering was held on 08.02.2022 at 02.45 PM in the Conference Hall, Dept. of ECE.

The following members were present during the meeting.

Internal Members:

1	Dr. M.Meenakshi	Convener of DCC
2	Dr.N. Ramadass	Member
3	Dr.S.Poonguzhali	Member
4	Dr.T.Manimekalai	Member

External Members :

1. Dr. Ranjani Parthasarathi Chairperson, Faculty of ICE
2. Dr. R.P.Kumudini Devi Member
3. Dr. D.Manamalli Member

HoD welcomed all the members and presented the details of the items listed in the agenda. The details of the discussion and the recommendations made are given below:

Item No. 28.01.01 To consider and recommend the conduct of two Value Added Courses (2 Credits) titled, “Nanometer CMOS Analog/RF Design Challenges” and “IoT Sensor node power management unit” at the Department of Electronics and Communication Engineering, College of Engineering Guindy Campus

The course structure, syllabus and time table pertaining to the proposed 2 Credit Value Added Courses titled, “Nanometer CMOS Analog/RF Design Challenges” and “IoT Sensor node power management unit”, to be offered to UG and PG students of Department of Electronics and Communication Engineering, have been discussed in detail. The

credentials of the proposed expert from industry was also noted. The courses are mid-to-advanced level, domain specific and introduce to students, the concepts of CMOS technology scaling and power management designs. The knowledge in these areas will help students in getting placed in core electronics industries and also for higher education. Hence, the committee recommends the courses, their syllabi and the time table for conducting the courses and recommended to use the expertise of experts from industry.

Item No. 28.01.02 To consider and recommend the proposal for MOOC course on 'Artificial Intelligence-A Practical Approach', to be coordinated by Dr. M.A. Bhagyaveni, Professor, for forward submission to MHRD through EMRC.

The details in the Expression of Interest for Developing MOOCs, proposed by Dr. M.A. Bhagyaveni, Professor, was noted. The detailed MOOC Development plan including the course objectives, syllabus to be covered, course duration, details of the number of modules and course engagement modalities, assessment plans, the targeted subjects of UG/PG programmes and the course faculty team was looked into and discussed. The MOOC proposal focuses on the practical usage of the concepts and techniques in Artificial Intelligence through coding examples and exercises that will address the needs for capacity building in the area of Artificial Intelligence. Hence, the committee recommends the proposal for MOOC course on 'Artificial Intelligence-A Practical Approach', to be coordinated by Dr. M.A. Bhagyaveni, Professor, for forward submission to MHRD through EMRC.

Item No. 28.01.03 To consider and recommend the closure of Part Time programmes B.E. ECE (P.T).

The committee noted that there have not been required number of admissions to conduct the Part Time programme in B.E. ECE, since 2019. Hence, the committee recommends the closure of the Part Time programme in B.E. ECE from the forthcoming academic session starting July 2022.

Item No. 28.01.04 To Consider and recommend the Open Elective list to be offered by the department under R2019.

The details of the courses to be offered as Open Electives by the department during the semester VI (even semester) and the semester VII (odd semester) for students of R2019, under the Biomedical Engineering programme and the Electronics and Communication

Engineering programme was discussed. The committee recommends the Open Elective list, as shown in the table, to be offered by the department under R2019.

Sr. No.	Semester	Name of the Course	Programme
EVEN Semester			
1	VI	Management of Wastes in Hospitals	BME
2	VI	Introduction to Biomaterials	BME
3	VI	Automotive Electronics	ECE
4	VI	Electronics Engineering	ECE
5	VI	Wireless Technologies	ECE
6	VI	Microcontroller Programming	ECE
ODD Semester			
7	VII	Principles of Telemedicine	BME
8	VII	Electronics in Medicine	BME
9	VII	Consumer Electronics	ECE
10	VII	Principles of Modern Communication Systems	ECE
11	VII	Computer Vision and Machine Learning	ECE
12	VII	Robotics	ECE


8/2/2022

Dr. M. MEENAKSHI
CONVENER



Dr. N. RAMADASS
MEMBER


8/2/2022

Dr. S. POONGUZHALI
MEMBER


8/2/2022

Dr. T. MANIMEKALAI
MEMBER


8/2/2022

Dr. R. P. KUMUDINI DEVI
MEMBER


8/2/2022

Dr. D. MANAMALLI
MEMBER


8/2/2022

Dr. RANJANI PARTHASARATHI
CHAIRPERSON
FACULTY OF ICE, AU