



LOYOLA INSTITUTE OF TECHNOLOGY

Palanchur, Chennai – 600 123

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
(An ISO Certified Institution)

Dr. Sujatha Jamuna Anand Ph.D.,

Date: 7.10.22

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To
The Director,
Center for Academic Courses,
Anna University,
Chennai.

Respected Sir,

Sub: Submission of 2021-2022 feedback from various stakeholders related to our curriculum and syllabus - Reg

Ref: Feedback received from our various Stack holders

We are grateful to Anna University for including most of our suggestions in the 2021 curriculum and syllabus. We collected feedback from students, teachers, alumni, and employers to improve academic quality and identify curriculum gaps based on current needs. We have compiled key suggestions regarding the curriculum and syllabus. We are pleased to share them with you for further action and improvement.

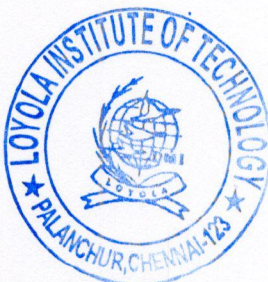
Suggestions related to curriculum and syllabus:

1. We suggest adding more theory-cum-practical relevant courses to the curriculum.
2. We suggest moving some theory papers from the eighth semester to earlier semesters. This change will allow students to concentrate fully on their project work, internships, and preparation for placements in their final semester.
3. We propose including widely used and popular product-specific technologies and tools, such as Digital Marketing, AIML and AWS, in the syllabus.
4. Few recommended text books and reference books are not available in the market related to the new emerging domains.

Thanking You


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 AFFILIATED INSTITUTIONS
 B.E. ELECTRONICS AND COMMUNICATION ENGINEERING
REGULATIONS – 2017
 CHOICE BASED CREDIT SYSTEM

SEMESTER VII

Sl.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	EC8701	Antennas and Microwave Engineering	PC	3	3	0	0	3
2.	EC8751	Optical Communication	PC	3	3	0	0	3
3.	EC8791	Embedded and Real Time Systems	PC	3	3	0	0	3
4.	EC8702	Ad hoc and Wireless Sensor Networks	PC	3	3	0	0	3
5.		Professional Elective -III	PE	3	3	0	0	3
6.		Open Elective - II	OE	3	3	0	0	3
PRACTICALS								
7.	EC8711	Embedded Laboratory	PC	4	0	0	4	2
8.	EC8761	Advanced Communication Laboratory	PC	4	0	0	4	2
TOTAL				26	18	0	8	22

SEMESTER VIII

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.		Professional Elective IV	PE	3	3	0	0	3
2.		Professional Elective V	PE	3	3	0	0	3
PRACTICALS								
3.	EC8811	Project Work	EEC	20	0	0	20	10
TOTAL				26	6	0	20	16

TOTAL NO. OF CREDITS: 186



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NON-AUTONOMOUS AFFILIATED COLLEGES
REGULATIONS 2021
B. E. ELECTRONICS AND COMMUNICATION ENGINEERING
CHOICE BASED CREDIT SYSTEM
CURRICULUM AND SYLLABI FOR SEMESTERS I TO VIII
SEMESTER VII / VIII*

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	GE3791	Human Values and Ethics	HSMC	2	0	0	2	2
2.		Elective - Management [#]	HSMC	3	0	0	3	3
3.		Open Elective – II**	OEC	3	0	0	3	3
4.		Open Elective – III**	OEC	3	0	0	3	3
5.		Open Elective – IV**	OEC	3	0	0	3	3
PRACTICALS								
6.	EC3711	Summer internship	EEC	0	0	0	0	2
TOTAL				14	0	0	14	16

*If students undergo internship in Semester VII, then the courses offered during semester VII will be offered during semester VIII.

** Open Elective II - IV (Shall be chosen from the list of open electives offered by other Programmes).

[#] Elective - Management shall be chosen from the Elective Management courses.

SEMESTER VIII / VII*

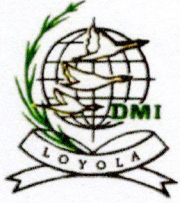
S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
PRACTICALS								
1.	EC3811	Project Work / Internship	EEC	0	0	20	20	10
TOTAL				0	0	20	20	10

*If students undergo internship in Semester VII, then the courses offered during semester VII will be offered during semester VIII.

TOTAL CREDITS: 162



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OPEN ELECTIVES

(Students shall choose the open elective courses, such that the course contents are not similar to any other course contents/title under other course categories).

OPEN ELECTIVES – I

S. NO.	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	OAS351	Space Science	OEC	3	0	0	3	3
2.	OIE351	Introduction to Industrial Engineering	OEC	3	0	0	3	3
3.	OBT351	Food, Nutrition and Health	OEC	3	0	0	3	3
4.	OCE351	Environmental and Social Impact Assessment	OEC	3	0	0	3	3
5.	OEE351	Renewable Energy System	OEC	3	0	0	3	3
6.	OEI351	Introduction to Industrial Instrumentation and Control	OEC	3	0	0	3	3
7.	OMA351	Graph Theory	OEC	3	0	0	3	3
8.	CCS355	Neural Networks and Deep Learning	OEC	2	0	2	4	3
9.	CCW332	Digital Marketing	OEC	2	0	2	4	3



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