CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Date: 07-06-2023

Communication with the University: Feedback and Recommendations for Curriculum Changes

To

The Director (Academic Courses),
Anna University,
Sardar Patel Road, Guindy,
Chennai – 600025, Tamil Nadu.

Dear Sir,

Sub: Communicating Feedback from College Stakeholders with a Request to Forward to the Chairman BOS - Regd.

Ref: Analysis of feedback during the A.Y. 2022-23 by the Academic Council of the college

With reference to the above, it is brought to your kind notice that as per existing practice in the college, feedback is collected annually from all stakeholders, namely students, faculty, employers, and alumni. This feedback is analysed, and the relevant information is communicated to the University.

In this regard, please find enclosed the recommendations for changes in the curriculum across various programs of the college for the academic year 2022-23. It is requested that these recommendations be forwarded to the Chairman Board of Studies so that the proposed changes can be deliberated and appropriate action taken as per the rules in vogue.
Kindly do the needful.

Thanking you,

Yours truly,

7/6/2023

Dr. K. Parimala Geetha, M.E., Ph.D.,
PRINCIPAL
Christian College of Engg., & Tech.,
Oddanchatram - 624 619, Dindigul-Dt

Enclosures:

Recommendations on Curriculum by the Department of Electrical and Electronics Engineering
Recommendations on Curriculum by the Department of Civil Engineering
Recommendations on Curriculum by the Department of Science and Humanities
Recommendations on Curriculum by the Department of Computer Science Engineering
Recommendations on Curriculum by the Department of Information Technology
Recommendations on Curriculum by the Department of Mechanical Engineering
Recommendations on Curriculum by theDepartment of Electronics and communication Engineering

Curriculum Changes Recommended Based on Stakeholder Feedback for the Year 2022-23

Department of Electrical and Electronics Engineering

S. No.	Subject/Course	Topics to be included	Topics to be deleted
1	Power System operation and control	Smart Grid and microgrid	Power scenario in Indian grid, national and regional load dispatching centre
2	Control Systems	-	Lead, lag and lag-lead compensators using Root locus
3	Power Electronics	Application induction heating UPS	Various harmonics Elimination techniques

Department of Civil Engineering

S. No.	Subject/Course	Topics to be included	Topics to be deleted
1	Structural Analysis I	Virtual work method	Method of sections
2	Fluid Mechanics	Continuity Equation	Continuum hypothesis
3	Water supply and wastewater Engineering	Precipitation and its types	Impurities of water and their significance
4	Applied Hydraulics Engineering	Positive and negative surges	Reynolds number

Department of Science and Humanities

S. No.	Subject/Course	Topics to be included	Topics to be deleted
1.	PH3151-Engineering Physics	Properties of Matters	Electromagnetic Waves
2.	PH3151-Engineering Physics	Thermodynamics	Mechanics
3.	HS3251-Professional English- I	Poetry and Prose	-
4.	HS3252-Professional English-II	Interesting Short stories	-
5.	CY3151- Engineering Chemistry	Nickel-Cadmium Battery	Microbial fuel cell
6.	GE 3451-Environmental Science and Sustainability	Role of IT in Environment and Human Health	Green Buildings
7	MA3151- Matrices and Calculus	Statistics- Rank correlation, Regression lines	Change the order of integration, Area enclosed by plane curves

Department of Computer Science Engineering

S. No.	Subject/Course	Topics to be included	Topics to be deleted
1	PROBLEM SOLVING AND PYTHON PROGRAMMING	DICTIONARY TOPIC TO BE ELOBRATED	-
2	CRYPTOGRAPHY AND CYBER SECURITY	-	PSEUDO RANDOM NUMBER GENERATORS

Department of Information Technology

S.No	Subject/Course	Topics to be included	Topics to be deleted
1	COMPUTER NETWORKS	VIRTUAL LAN	BLUETOOTH
2	FOUNDATION OF DATA SCIENCE	-	3D PLOTTING-GEOGRAPHIC DATA WITH BASEMAP

Department of Mechanical Engineering

S.No	Subject/Course	Topics to be included	Topics to be deleted
1	Manufacturing Process	Moulding of Thermoplastics	Gas assisted Injection Moulding
2	Theory of machines	Static Force analysis in simple machine members	Force field analysis in a machine member
3	Metrology and measurements	Measurement of Screw threads	Thread three-stitches method & Image measurement method.
4	Mechatronics	Inverting and Non-Inverting Amplifier	Augmented reality and virtual reality
5	Heat and mass transfer	Black Body and Gray body Radiation - Radiosity	Stereotactic Body Radiation Temperature methods (SBRT)