

**Electrical Engineering Department**  
**Summary of BoS Meeting held on 14.12.2022**

**Table 1: List of Courses where syllabus revision was carried out during**

Course code	Course name	Year of Introduction	Year of revision	Percentage of Syllabus content added or replaced	Agenda Item No	Page No	Link
-	-	-	-	-	-	-	-

**Table 2: List of courses having Focus on Employability/ entrepreneurship/ skill development**

Name of the Course	Course Code	Name of the Programme (UG/PG)	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of introduction
Artificial Intelligence & Machine Learning	130605/ 220603	UG	Artificial Intelligence and Machine Learning is poised to impact every industry, and may eventually need such experts. While machine learning jobs present great opportunities, gaining the required skills can be challenging. So, the objective of the course is to provide the fundamental knowledge of Artificial Intelligence, and Machine Learning.	2023
Programming with Python	130414/ 220406	UG	Develop skills required for data-centric careers, pursuing jobs like data analyst, database developer, or data scientist	2022
Renewable Energy Lab	130415	UG	Understand the perspective of smart and renewable techniques for power system, fulfill job requirements	2022


  
 Vishal      P      Ashu      W      Manoj      KO: 14/12/22

**Table 3: New courses introduced for Programmes Offered by Department**

Name of the Course	Course code	Name of the Programme (UG/ PG)	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of introduction
Artificial Intelligence & Machine Learning	130605/ 220603	UG (EE, EE-IoT)	Artificial Intelligence and Machine Learning is poised to impact every industry, and may eventually need such experts. While machine learning jobs present great opportunities, gaining the required skills can be challenging. So, the objective of the course is to provide fundamental knowledge of Artificial Intelligence, and Machine Learning.	2023
Soft Computing Techniques	220601	UG (EE-IoT)	Soft computing is an important branch of computational intelligence, where fuzzy logic, probability theory, neural networks, and genetic algorithms are synergistically used to mimic the reasoning and decision-making of a human.	2023
Software Engineering	220602/ 220407	UG (EE-IoT)	Software engineering is the branch of computer science that deals with the design, development, testing, and maintenance of software applications. Software engineers apply engineering principles and knowledge of programming languages to build software solutions for end users	2023
Data Mining	220652 (DE1)	UG (EE-IoT)	Data mining is most useful in identifying data patterns and deriving useful business insights from those patterns. To accomplish these tasks, data miners use a variety of techniques to generate different results.	2023
Foundation of Cloud IoT Edge ML	220652 (DE1)	UG (EE-IoT)	Edge Computing is a distributed computing framework that brings enterprise applications closer to data sources such as IoT devices or local edge servers.	2023
Industrial Automation & Control	220654/1 30659 (DE1)	UG (EE, EE-IoT)	Almost every industry uses automation and there is a great demand for it.	2023

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