

**Department of Computer Science and Engineering Delhi
Technological University**

Dated: 22/08/2022

**Notice regarding list of MOOC courses allowed and not allowed for the B. Tech,
Computer Science and Engineering students**

This notice is in continuation to choices for the MOOC courses filled by students of Vth and VIIth Semester, B. Tech, CSE. After considering all the filled choices, the Dept. of CSE has allowed many of the courses. However, few courses have not been allowed.

Annexure-1 contains the list of **not allowed MOOC courses**.

Annexure-2 contains the list of **allowed MOOC courses**.

Those students who have taken courses from Annexure 1 are requested to take the courses from the allowed lists in Annexure 2. Any student who wish to take new courses or change their existing courses can opt from the courses mentioned in Annexure 2.

In one semester, student can register for two courses, each of two credits. One MOOC course is equivalent to 2 credits.

Students are advised to check that the **duration of each course** should be **at least 24 hrs and 6 weeks**. Also, at the end of the semesters students need to produce the course completion certificate and grade report.



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MOOC Coordinator, Dept. of CSE

Copy to:

1. Dean Academic(UG)
2. HOD CSE for information
3. Notice Board

Annexure 1

Following are the list of not allowed MOOC Courses

(1) From Courseera: -

Algorithmic toolbox
Data Structures and Performance
Database Management Essentials

Reason: - These courses are very similar to core courses offered by the Dept. of CSE

(2) From Udemmy: -

JavaScript - The Complete Guide 2022 (Beginner + Advanced)
Mobile App Development with Flutter & Dart

Reason: MOOC Courses can only be taken from four platforms, namely, Coursera, NPTEL, edX, and Swayam

Annexure 2

MOOC Courses allowed from Coursera

Act on Climate: Steps to Individual, Community, and Political Action
Advanced Algorithms and Complexity
Advanced Data Structures in Java
Algorithms on Graph
An Introduction to Consumer Neuroscience & Neuromarketing
Android App Development Specialization
Audio Signal Processing for Music Applications
Azure Infrastructure Fundamentals
Basic Statics
Building Interactive Web Pages Using Modern JavaScript
Building Modern Python Applications on AWS
Building web Application using php
Competitive Programmer's Core Skills
Computational Neuroscience
Crash Course on Python
Cryptography I
Cybersecurity and Its Ten Domains
Data Analysis and Visualization Foundations Specialization
Databases and SQL for Data Science with Python
Data-driven Astronomy
Deep Neural Network with PyTorch
Discrete Optimisation
EXCEL SKILLS FOR BUSINESS: ESSENTIALS
Financial market
Front-End Web Development with React
Fundamentals of Digital Image and Video processing
Getting Started with SAS Programming
HTML, CSS, and Javascript for Web Developers
Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
Introduction to Blockchain Technologies
Introduction to Complex Analysis
Introduction to deep learning
Introduction to Machine Learning
Introduction to mathematical thinking
Introduction to Programming with MATLAB
Introduction to Self driving Cars

Introduction to sustainability
IT Security: Defense against the digital dark arts
Java Class Library
Java Programming and Software Engineering
Linux for Developers
Machine Learning for Trading Specialization
machine learning with python
MATLAB Programming for Engineers and Scientists Specialization
Model Thinking
Modern JavaScript
Neural Networks and Deep Learning
Organizational Analysis
Problem Solving, Python Programming, and Video Games
Process Data from Dirty to Clean
Programming with JavaScript
PYTHON CRASH COURSE
Responsive web design in adobe XD
Server side JavaScript with Node.js
SERVER SIDE JAVASCRIPT WITH NODEJS
State Estimation and Localization for Self-Driving Cars
Supervised Machine Learning: Regression and Classification
System Administration and IT Infrastructure Services
Text Mining and Analytics
Text Retrieval and Search Engines
The Manager's Toolkit: A Practical Guide to Managing People at Work
Unsupervised Learning, Recommenders, Reinforcement Learning
Using python to interact with Operating System
Visual Perception for Self-Driving Cars

(2) MOOC Courses allowed from NPTEL

Foundations of R Software
Programming In Modern C++
The Joy of Computing using Python

(3) MOOC Courses allowed from edX

Javascript introduction
HTML5 and CSS Fundamentals

(4) MOOC Courses allowed from Swayam

Getting Started with Competitive Programming