



PROCEEDINGS OF THE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
KAKINADA-533003, Andhra Pradesh (India)
(Established by Andhra Pradesh Act No. 30 of 2008)

Procs. No. JNTUK/DAP/edX Courses/BOS 2023-24

Date: 16.02.2024

Sub: JNTUK – DAP – edX courses for various branches of B. Tech II, IV and VI Semester – approval – Issued.

- Ref: 1. Govt of A.P, Memorandum of Understanding with edX
2. Meeting with BOS Chairmans (online) on 15.02.2024, at 03.00 PM
3. Note No. JNTUK/DAP/UG BOS/2024 dated 03.02.2024
4. Note Orders dated 03.02.2024 of the Hon'ble Vice Chancellor, JNTUK.

ORDER:

In the reference 1st read above, the Government of Andhra Pradesh has made an MoU with edX for implementation of edX Courses at University level. Vide reference 2nd read above, the meeting was conducted with BoS Chairpersons on 15.02.2024 and received the list of edX courses for various branches of B. Tech II, IV and VI Semesters and recommended the following:

1. Mentor Champion may be assigned by the colleges for the students registered for the edX courses for proper guidance and monitoring.
2. Mentor Champion should be assigned for every course and the classes should be scheduled in the regular time table.
3. The Mentor Champion should display the video in the class room for all the students as per the time table and there should be a discussions on the content for about 10 to 15 Minutes.
4. Continuous assessment based on the performance form edX Platform – 20/30/40 marks as per the guidelines of Autonomous Institutes or as per regulations of JNTUK (for Affiliated Colleges).
5. Conduction of final exam for 80/70/60 marks by the JNTUK Kakinada in MCQ or Conventional Formats as per the guidelines of Autonomous Institutes or as per regulations of JNTUK (for Affiliated Colleges).
6. edX can assist the Universities in preparing Question Bank
7. Allocation of credits based on the curriculum in force.

Under the circumstances stated that, the Hon'ble Vice Chancellor, JNTUK is pleased to approve the enclosed list of edX courses and recommendations of the BoS for implementation of edX online courses at the University level.


**REGISTRAR
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To the Principals of Constituent and Affiliated Colleges under JNTUK
Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK
Copy to PA to the Rector, JNTUK
Copy to PA to the Registrar, JNTUK
Copy to the Director, Academic Planning, JNTUK
Copy to the Director of Evaluation, JNTUK

**J.N.T. University Kakinada
Kakinada-533003**

List of edX courses recommended

S.No.	Program	Branch	Existing Course	EdX Course	Credits
1	I B.Tech. I/II Sem R23	Common	Communicative English	Advanced Spoken English through metaverse	2
			IT Workshop	Computer Science 101	1
2	II B.Tech. II Sem R20	CIVIL	Skill Oriented	Virtual Building Design for Engineers Using Autodesk Revit+Revit for Structural Engineers	2
		MECH	Python Programming Lab	HarvardX: CS50's Introduction to Programming with Python	2
		EEE	Python Programming	Python Basics for Data Science+ Visualizing Data with Python	3
		ECE	Soft skills	Professional Certificate in Communication Skills	2
		CSE	Java Programming Lab	Java Programming Fundamentals	1.5
			Applications of Python-Pandas	Introduction to Data Science with Python	2
			Operating systems(Minor)	Hardware and Operating Systems	4
3	III B.Tech. II Sem R20	CIVIL	Remote Sensing &GIS Lab	GIS Image Analysis in ArcGIS Pro	1.5
		MECH	Introduction to Artificial Intelligence &Machine Learning	AI Skills: Basic and Advanced Techniques in Machine Learning	3
		EEE	Machine Learning with Python	Machine Learning with Python: A Practical Introduction	2
		ECE	ARM based/ Aurdino based Programming	Build Your First Internet of Things (IoT) Application on Arm	2
		CSE	Compiler Design	Compilers	3
			Big Data	NoSQL, Big Data and Spark Fundamentals	3
			Machine Learning	Machine Learning with Python: A Practical Introduction+Data Science and Machine Learning Capstone Project	3


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