

**APJ Abdul Kalam Technological University
Thiruvananthapuram**

Abstract

APJAKTU - Additional list of 12 Massive Open Online Courses (MOOC) - Approved - Orders issued - Reg.

ACADEMIC SECTION

U.O.No. 1052/2021/KTU

Thiruvananthapuram, Dated: 06.07.2021

- Read:-*1. U.O. No. 419/2019/KTU Dated 24.10.2019.
2. Circular No. KTU/Director(Acad)/3031/2019 Dated 25.01.2020.
3. U.O. No. 1229/2020/KTU Dated 03.09.2020.
4. U.O. No. 1243/2020/KTU Dated 08.09.2020.
5. U.O. No. 424/2021/KTU Dated 08.03.2021.
6. U.O.No. 531/2021/KTU Dated 23.03.2021.
7. U.O.No.835/2021/KTU Dated 29.05.2021.
8. U.O.No. 532/2021/KTU Dated 23.03.2021.
9. List of MOOCs recommended by the various Board of Studies.

ORDER

Vide papers read as (1) to (8) above orders were issued on the Massive Open Online Courses approved by the University that can be registered by the students of B.Tech Honours pursuing studies vide Regulations of 2015

Vide paper read (9) above, various Board of Studies, after verifying the syllabus and duration of the courses, has recommended to approve **12 Massive Online Open Courses**, in addition to the existing approved list of MOOC courses read above.

Sanction has been accorded by the Hon.Vice Chancellor for the approval of the additional list of **Twelve MOOC Courses** offered by reputed Institutions/ Organisations, that can be registered by the students of B.Tech (Honours) 2015 regulations to earn credits, subject to reporting to the Academic Council. The details of courses are appended here with.

Orders are issued accordingly.

Sd/-

Dr. Sadiq A. *
Dean (Academic)

Copy to:-

1. Principals of all affiliated colleges.
2. AD(IT), to be published in the website and s/w updation.
3. PS to VC / PVC, CE, Dean(Acad).
4. SF / FC

Forwarded / By Order

Section Officer

* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



List of additional approved MOOC Courses for B.Tech Honours(2015 Regulations)

SL. No	Course	Course Code	Course Type	Duration	Offering Platform	B.Tech Regulation	Course Institution	Remarks
BIOTECHNOLOGY ENGINEERING								
1	Industrial Biotechnology	OCBT56	Honour MOOC	12 weeks	NPTEL	B.Tech Regulation 2015	IIT KGP	
COMPUTER SCIENCE & ENGINEERING								
1	Deep Learning Specialization	OCCS44	Honour MOOC	17 weeks (5 course specialization)	Coursera	B.Tech Regulation 2015	DeepLearning.ai	In order to award the credit as a MOOC Course, a student has to produce, either the completion certificates for all the courses in the series for a particular specialization, or has to produce a single certificate, in which, names of all the courses in the series are specifically mentioned and certified as completed by him/her.
2	Problem Solving, Python Programming, and Video Games	OCCS45	Honour MOOC	12 weeks	Coursera	B.Tech Regulation 2015	University of Alberta	
3	Google IT Automation with Python Professional Certificate	OCCS46	Honour MOOC	29 weeks (6 course specialization)	Coursera	B.Tech Regulation 2015	Google	
4	Introduction to Cyber Security Specialization	OCCS47	Honour MOOC	16 Weeks (4 course specialization)	Coursera	B.Tech Regulation 2015	New York University	
5	Full-Stack Web Development with React Specialization	OCCS48	Honour MOOC	12 weeks (3 course specialization)	Coursera	B.Tech Regulation 2015	The Hong Kong University of Science and Technology	
MECHANICAL ENGINEERING								
1	Introduction to Internet of Things	OCME52	Honour MOOC	12 WEEKS	NPTEL	B.Tech Regulation 2015	IIT Kharagpur	
2	The joy of computing using Python	OCME53	Honour MOOC	12 WEEKS	NPTEL	B.Tech Regulation 2015	IITRPR	



PRODUCTION ENGINEERING

1	Human Resource Development	OCPE15	Honour MOOC	12 WEEKS	NPTEL	B.Tech Regulation 2015	IIT Kharagpur	
2	Work System and Design	OCPE16	Honour MOOC	12 WEEKS	NPTEL	B.Tech Regulation 2015	IIT Roorkee	
3	Thermal Operations in Food Process Engineering: Theory and Applications	OCPE17	Honour MOOC	12 WEEKS	NPTEL	B.Tech Regulation 2015	IIT Kharagpur	
4	Industrial Safety Engineering	OCPE18	Honour MOOC	12 WEEKS	NPTEL	B.Tech Regulation 2015	IIT Kharagpur	

