

APJ Abdul Kalam Technological University
Thiruvananthapuram

Abstract

APJAKTU- Massive Open Online Courses (MOOC) - B. Tech (Honours) Civil engineering, Mechanical (Automobile) Engineering and Aeronautical Engineering- 2015 Regulations- Approved - Orders issued - Reg.

ACADEMIC SECTION

U.O.No. 1884/2022/KTU

Thiruvananthapuram, Dated: 06.08.2022

- 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. U.O.No.1052/2021/KTU Dated 06.07.2021.
 10. U.O.No.1162/2021/KTU Dated 26.07.2021.
 11. U.O.No.1169/2021/KTU Dated 27.07.2021.
 12. U.O.No.1171/2021/KTU Dated 28.07.2021.
 - 13.U.O.No.1450/2021/KTU Dated 10.09.2021.
 - 14.U.O No.1998/2021/KTU Dated 29.11.2021.
 - 15.U.O.No.2008/2021/KTU Dated 01.12.2021.
 - 16.U.O.No.319/2022/KTU Dated 18.02.2022.
 - 17.U.O.No.459/2022/KTU Dated 07.03.2022.
 - 18.U.O.No.1061/2022/KTU Dated 10.05.2022.
 - 19.U.O.No.1727/2022/KTU Dated 21.07.2022.
 - 20.Minutes of the BoS Civil Engineering.
 - 21.Minutes of the BoS Mechanical (Automobile) Engineering.

ORDER

Vide papers read as (1) to (19) 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/Minor pursuing studies vide Regulations of 2015 / 2019

Vide papers read as (20) and (21) above, Board of Studies of Civil Engineering and Board of studies



Mechanical (Automobile)Engineering, after verifying the syllabus and duration of the courses, has recommended to approve **Twelve Massive Online Open Courses**, in addition to the existing approved list of MOOCs read above.

Hence sanction has been accorded by the Vice Chancellor for approval of the additional list of **Twelve Massive Online Open Courses** offered by NPTEL/SWAYAM/Coursera, as per the attached list, that can be registered by the students of B.Tech 2015 Regulations (Honours) in Civil Engineering, Mechanical (Automobile) Engineering and Aeronautical Engineering to earn credits, subject to ratification by the Academic Council.

Orders are issued accordingly.

Sd/-

Dr. Shalij P.R *
Dean (Academic) in Charge

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 approved MOOC Course for B Tech Honours 2015 Regulations

Civil Engineering

Sl No	Course	Course Code	Course Type	B Tech Regulations	Duration	Offering Platform	Course Institution
1	Construction Management	OCCE36	Honours MOOC	2015 Regulations	25 weeks	Coursera	Columbia University
2	Engineering Project Management Specialization	OCCE37	Honours MOOC	2015 Regulations	16 weeks	Coursera	Rice University
3	Geographic Information (GIS) Systems	OCCE38	Honours MOOC	2015 Regulations	24 weeks	Coursera	University of California, Davis
4	Remote Sensing Image Acquisition, Analysis and Applications	OCCE39	Honours MOOC	2015 Regulations	15 weeks	Coursera	UNSW Sydney
5	Sustainable Cities and communities Specialization	OCCE40	Honours MOOC	2015 Regulations	15 weeks	Coursera	Lund University
6	Become a sustainable Business Change Agent Specialization	OCCE41	Honours MOOC	2015 Regulations	14 weeks	Coursera	University of Colorado, Boulder
7	Six Sigma Yellow belt Specialization	OCCE42	Honours MOOC	2015 Regulations	17 weeks	Coursera	University System of Georgia

Mechanical (Automobile) Engineering

Sl No	Course	Course Code	Course Type	B Tech Regulations	Duration	Offering Platform	Course Institution
1	Rapid Manufacturing	OCMU01	Honours MOOC	2015 Regulations	12 weeks	NPTEL/SWAYAM	IIT K
2	Engineering Metrology	OCMU02	Honours MOOC	2015 Regulations	12 weeks	NPTEL/SWAYAM	IIT K
3	Product Design and Manufacturing	OCMU03	Honours MOOC	2015 Regulations	12 weeks	NPTEL/SWAYAM	IIT K
4	Engineering Project management	OCMU04	Honours MOOC	2015 Regulations	16 weeks	Coursera	Rice University

Aeronautical Engineering

Sl No	Course	Institution type	Course Type	B Tech Regulations	Duration	Offering Platform	Course Institution
1	Lighter than Air Systems	OCAO03	Honours MOOC	2015 Regulations	12 weeks	NPTEL/SWAYAM	IIT Bombay

