File Ref.No.KTU/AC1/2569/2021

APJ Abdul Kalam Technological University
Thiruvananthapuram

Abstract

APJAKTU–Academics- List of Approved MOOC Courses for B.Tech Honours (B.Tech 2019 Regulations) - Orders issued - Reg.

ACADEMIC SECTION

U.O.No. 2093/2023/KTU   Thiruvananthapuram, Dated: 18.08.2023

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*Read:-*1. Rule R.12.5 of B.Tech 2019 Regulations.

2. U.O.No.1908/2023/KTU Dated 01.08.2023

3. List of Honour MOOC courses recommended by the Board of Studies of Chemical engineering.

ORDER

Vide paper read as (1) above, students registering for the B. Tech **Honours** Degree programme can earn 8 credits by undergoing 2 Massive Open Online Courses (MOOC) relevant to the subjects concerned in the respective Honours group offered by agencies namely AICTE/ NPTEL/ SWAYAM/ NITTTR with the recommendation of the Board of Studies and approval by the Academic Council.

By issuance of   University Order read as (2) above, a total of 417 nos. of Massive Open Online Courses (MOOC) that can be registered by the students of B.Tech (2019 Scheme), to earn credits for **Honours** Programme, have been approved.

Vide paper read as (3) above, the Board of Studies, after verifying the syllabus content and duration of the courses, has recommended to approve 6   **Massive Online Open Course (MOOC)** for B.Tech Honours (2019 scheme)**.**

Considering the urgency, sanction is accorded, by invoking powers vested under section 14(5) of the APJAKTU Act 2015, to approve the Massive **Open Online Courses** (MOOCs) offered by agencies namely AICTE/ NPTEL/ SWAYAM/ NITTTR, as appended herewith, that can be registered by the students of the **B.Tech Honours** Programme (2019 scheme) to earn credits, subject to ratification by the Academic Council.

Students will not be permitted to register for MOOCs other than those approved and published by the University, to earn credits for their Honours.

Sd/-

Dr Saji Gopinath *

Vice Chancellor

Copy to:-

1. All affiliated Institutions.

2. IT(section) for updating s/w and to publish in the website.

3. PS to VC & PVC, Dean (Acad)

4. JR(Acad) / JD(Acad) / Section

5.. 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 2019 Regulations						
1. BIOTECHNOLOGY **2.BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING**							
Sl No	Course	Course Code	Course Type	B Tech Regulations	Duration	Offering Platform	Course Institution
GROUP I							
1	Next Generation Sequencing Technologies; Data Analysis and Applications	BTH105	Honour MOOC	2019 Regulations	12 weeks	NPTEL/ SWAYAM	IIT KHARAGPUR
2	Genome Editing and Engineering	BTH106	Honour MOOC	2019 Regulations	12 weeks	NPTEL/ SWAYAM	IIT GUWAHATI
3	Introduction to Developmental Biology	BTH107	Honour MOOC	2019 Regulations	12 weeks	NPTEL/ SWAYAM	IIT MADRAS
4	Host-Pathogen Interaction (Immunology)	BTH108	Honour MOOC	2019 Regulations	12 weeks	NPTEL/ SWAYAM	IIT MADRAS
5	Cell Biology: Cellular organization, division and processes	BTH109	Honour MOOC	2019 Regulations	8 weeks	NPTEL/ SWAYAM	IISc
6	Computer Aided Drug Design	BTH110	Honour MOOC	2019 Regulations	8 weeks	NPTEL/ SWAYAM	IIT MADRAS