Date: 02/01/2023

Guidelines of Massive Open Online Courses (MOOCs) scheme
(Applicable from the session 2022-23)

As per the All India Council for Technical Education (AICTE), the Model Curriculum for the Bachelor of Technology program is with 160 credits in the entire program of 4 years, and additional 20 credits will be required to be achieved through Massive Open Online Courses (MOOCs) from the different platform for the degree of Bachelor of Technology with Honours. These additional 20 credits will have to be acquired with online courses (MOOCs) as per AICTE. Students of the B. Tech. program will have to complete additional 20 credits through MOOCs within 4 years of time. 16 credit points are applicable for 3-year UG programs. This creates an excellent opportunity for students to acquire the necessary additional skillset for employability through massive open online courses where the rare expertise of world-famous experts from academics and industry are available. MCKV Institute of Engineering, WB, has thus decided to introduce the AICTE model curriculum for its B.Tech. programs and allow students to choose courses from any established online platform as per the following guidelines from the even semester of academic year 2022-2023.

GUIDELINES FOR MOOCs

MOOCs are such online courses that are developed as per the pedagogy and following the four quadrants (e-Tutorial, e-Content, Web Resources and Self-Assessment) approach. MOOCs have been introduced in MCKVIE curriculum and academic activities in the following ways:

1. MOOCs for Honours Degree at Undergraduate Level.

2. MOOCs are also used for credit transfer as equivalent to theory courses of Curriculum under the recommendation of BoS an approval of Academic Council.

3. MOOCs for Mandatory Additional Requirements (MAR)

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MOOCs For B. Tech Honours Degree

For B.Tech. Honours Degree, a 4-year B.Tech. student will have to earn 20 credits from MOOCs from any established MOOCs platform in addition to 160 credits for B.Tech. degree. B.Tech. lateral entry students should earn 16 credit points from MOOCs in addition to the required credit for B.Tech. degree.

Student should submit all the certificates before the last date of submission of MOOCs for the B.Tech. Honours degree, declare as per the Controller of the Examination.

All of the MOOCs courses are to be taken from any MOOCs platform as per the following scheme of credit points. However, during choosing courses in the online platform students would essentially avoid the courses taught/offered through the curriculum in the offline /classroom mode.

For NPTEL/Swayam platform: Credit points as specified in the platform
For other MOOCs platforms: edX and Udemy
Courses of 4 weeks: 1 credit point
Courses of 8 weeks: 2 credit point
Courses of 12 weeks: 3 credit point
Courses of 16 weeks: 4 credit point

MOOCs for Mandatory Additional Requirements (MAR)

MOOCs in MAR is provided for encouraging every student to enter in Digital Content form of Education from well-known Universities or organizations.

Students can choose any MOOCs course as per their interest area. There is no credit system for MOOCs in MAR as points could be earned as specified in the scheme and the MOOCs courses which are taken for earning credits for Honours degree will not be considered in MAR purpose.

For any discrepancy a committee comprises of Principal, Dean of Academics & Administration, Dean of Research & Consultancy, Dean of Student Affairs, Controller of Examination and MOOCs Coordinator of MCKVIE, will take the final decision.

02/01/2023
Controller of Examination
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