I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Estd. Under Punjab Technical University Act, 1996
(Punjab Act No. 1 of 1997)

Ref. No. : IKGPTU/Reg/NF/ 2096

Dated : 24 .05.2019

NOTIFICATION

Sub: **Policy regarding MOOCs courses.**

The University is pleased to notify the following policy regarding offering of MOOCs courses to the students enrolled in the B. Tech program in IKGPTU Main Campus, Constituent Campuses & affiliated colleges of IKGPTU w.e.f. session 2019-2020 onwards.

1. About MOOCs

To enhance digital learning in the country, Government has approved National Mission on Education through Information and Communication Technology (NMEICT) in the year 2009, to provide high quality personalized and interactive knowledge modules over the internet/intranet for all learners in higher educational institutions in anytime anywhere mode. Through this scheme the Ministry is providing connectivity to all colleges and Universities and providing high quality e-content free of cost.

Government of India has approved a scheme for Massive Open Online Courses (MOOCs) to provide best quality e-learning resources to students across country. An Indian platform called Study Webs of Active-Learning for Young Aspiring Minds (SWAYAM) is being developed for hosting of MOOCs and same has been already approved by UGC.

SWAYAM platform is indigenously developed by Ministry of Human Resource Development (MHRD) and All India Council for Technical Education (AICTE) with the help of Microsoft and would be ultimately capable of hosting 2000 courses and 80000 hours of learning: covering school, under-graduate, post-graduate, engineering, law and other professional courses.

Aim of MOOCs

The main aim of MOOCs is to provide new opportunities to a massive number of learners to attend free online courses from anywhere all over the world. This will enrich the learning experience by using audio-video and multi-media and state of the art pedagogy / technology. In order to ensure best quality contents, the SWAYAM has 4 quadrants:

a) Video lecture

b) E-content: Specially prepared reading material that can be downloaded/printed

c) Self-assessment tests through tests and quizzes

d) An online discussion forum for clearing the doubts

3. General guidelines for selection of MOOCs Courses as Open elective

a) MOOCs course shall preferably be chosen as replacement for open elective courses not more than 20% of total credits so that overall credits of degree should not change.

b) BOS can give choices for selection of MOOCs courses in particular semester/year. It is advised that no MOOCs course shall be opted for 1st year and preferably, it should be started from 2nd year onwards.

c) The selected MOOCs courses shall be available on the SWAYAM Platform or any other platform as recommended by UGC/AICTE.

d) BOS should include the course title, subject codes and credits of selected MOOCs course in the syllabus.

e) The credits of the course should not be less than 3 and not more than 4 with minimum duration of one semester.

f) The basket for MOOCs will be a dynamic one, as courses keep on updating with time.

g) Every year SWAYAM is notifying the list of courses those are going to offer in forthcoming even and odd semester. So BOS may select the courses that is offered on SWAYAM platform or any other platform or recommended by UGC/AICTE.

h) UGC and AICTE has already issued the UGC (Credit Framework for online learning courses through SWAYAM) Regulation 2016 advising the Universities to identify

courses where credits can be transferred on to the academic record of the students for courses done on SWAYAM. The BOS can refer these guidelines for selection of MOOCs courses.

i) In the first phase MOOCs courses option shall be applicable for the engineering courses offered in IKGPTU Main Campus, constituted campuses and autonomous colleges only. After successful implementation, it will be applicable to remaining courses for IKGPTU Main Campus, constituted campuses and affiliated colleges.

4. General guidelines for selection of MOOCs Courses to award Honours Degree

AICTE has introduced Model Curriculum for Bachelor of Technology programme with 160 credits (approx.) in the entire programme of 4 years' duration, and additional 18 to 20 credits will be required to be taken for the award of degree of **Bachelor of Technology with Honours**. These additional 18 to 20 credits can be acquired with online courses (MOOCs) as per AICTE rules. The students will have to complete additional 18 to 20 credits through MOOCs within the prescribed duration of the course.
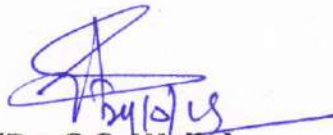
a) The Honor's Degree is optional for student; if a student is interested, he/she can opt for same.

b) A student has to earn 18 to 20 additional credits through MOOCs platform by appearing for courses other than the regular courses. These subjects should be pertaining to the parent branch as per the recommendations of Board of Study (BOS) of respective stream. The student has to clear the examination of the course.

c) BOS can give choices for selection of MOOCs courses in particular semester/year. It is advised that no MOOCs course shall be opted for 1st year and preferably, it should be started from 2nd year onwards.

d) The selected MOOCs courses shall be available on the SWAYAM Platform or any other platform or as recommended by UGC/AICTE.

e) BOS should include the course title, subject codes and credits of selected MOOCs course in the syllabus.

f) The credits of the each course selected from MOOCs should not be less than 3 and not more than 4 with minimum duration of one semester.

g) The basket for MOOCs will be a dynamic one, as courses keep on updating with time.

h) Every year SWAYAM is notifying the list of courses those are going to offer in forthcoming even and odd semester. So BOS may select the courses that is offered on SWAYAM platform or any other platform or recommended by UGC/AICTE.

i) Duration of completion of Honour degree will be 4 Years (for non-Lateral entry student) and 3 Years (for Lateral entry students). No further extension will be provided.

j) In the first phase MOOCs courses option shall be applicable for the engineering courses offered in IKGPTU Main Campus, constituted campuses and autonomous colleges only. After successful implementation, it will be applicable to remaining courses for IKGPTU main campus, constituted campuses and affiliated colleges.

5. Credit sharing and Certification

Current credit sharing policy of UGC/AICTE shall be applicable.

(Dr. S.S. Walia)
Registrar

Endst. No. IKGPTU/REG/NF/2097-2100   Dated: 24.05.2019

A copy is forwarded to the following officers for information please.

1. I/c Secretariat, O/o Vice Chancellor: For information of Vice Chancellor
2. All HoDs (Non-Teaching)
3. Director (Main Campus): To inform the all HoDs (Teaching)
4. Director, IKGPTU Hoshiarpur Campus

(Dr. S. S. Walia)
Registrar