GUIDELINES FOR PROVIDING ACADEMIC EQUIVALENCE TO FOR COMPLETING MOOCs/CERTIFICATIONS

1. Purpose

To acquaint the students with various learning opportunities available in addition to their normal program scheme and encourage them to take up various online MOOC courses or certifications to widen their knowledge and job prospects.

2. Introduction

To provide world class learning opportunities and exposure to students, the University is providing an option to enroll in the Massive Open Online Courses (MOOCs) or complete certifications of national/ international repute.

MOOCs now have attained spotlight providing an alternative, informal and continuous method of learning. These are Massive Open Online Courses which are offered via various private/government companies and other global educational online platforms. All these courses are delivered by subject or topic experts with many additional features like flexible learning timings, availability of recorded lectures for easy and round the clock access, peer-to-peer interactions, discussion forums etc.

Advantages of the MOOCs

i. Exposure to content delivered by renowned world class experts.

ii. Delivers standard education to students irrespective of their geographical location.

iii. Apart from quality study material, students get to participate in live discussions with peers and professors too get their doubts clarified.

iv. With no constraints of class size, extended reading and course material, MOOCs can provide quality in higher education.

v. Many courses have no/minimal fee, thus making them highly affordable and viable option for seeking and expanding skills and knowledge.

vi. The students are also encouraged to complete certifications to enhance their career prospects and gain an edge over their peers in their academic progress.

vii. Wherever a complete course waiver is applicable ,the equivalent credit weightage shall be granted to the students as per university guidelines.

To encourage the students to take up online MOOCs or certifications, the University shall be providing some academic equivalence of one or more evaluation components viz. CA, MTT and ETE in the course(s) registered to student in the upcoming term(s) which is the mostly closely mapped with the content of the MOOC/certification studied by the student.

UMS link for submission of academic equivalence request in lieu of MOOC certification:

UMS Navigation→ Learning Management System→ MOOC Certification

Step-by-Step Procedure to be followed by student for MOOC selection and registration for seeking academic equivalence:

    a. The student shall explore courses available on various platforms related to his/her programme and employability skills required and shortlist the courses/certifications he/she wants to undertake. There are large numbers of government and private organisation/institutions which offer MOOCs over

diverse and interdisciplinary domains such as engineering, sciences, humanities, law, management and many more. Some of the of these platforms are given below as examples:

viii. Government: SWAYAM, NPTEL, IIMBx, agMOOCs, IIT BombayX etc.

ix. Private: Coursera, Oracle, UpGrad etc.

b. The student shall analyze and note features of the course/certification such as details of offering agency, course fee, course duration, pattern of examination etc.

c. The student shall consult his/her mentor/faculty member for enhanced clarity.

d. Then he/she shall visit the UMS Link specified above to request approval to undertake and seek suitable academic equivalence for his/her shortlisted MOOC/certification.

e. The next step will be to fill in all details pertaining to the chosen course/certification in the provided interface

f. Then, he/she shall select the course from the list of courses registered to him/her in the upcoming term, which according to the student is the nearest in syllabus similarity with the selected MOOC/certification course.

g. For mapping of the syllabi, the student can refer the syllabi of all the upcoming term's courses from the link specified in the registration interface itself.

MOOC Courses of FLAT CSE322

1. https://www.udemy.com/course/theory-of-automata/
2. https://www.udemy.com/course/theory-of-computation-automata-theory-finite-automata/?utm_source=adwords&utm_medium=udemyads&utm_campaign=DSA_Catchall_la.EN_cc.INDIA&utm_content=deal4584&utm_term=_._ag_82569850245_._ad_533220805577_._kw__._de_c_._dm__._pl__._ti_dsa-52949608673_._li_9298609_._pd__._&matchtype=&gclid=CjwKCAjwo_KXBhAaEiwA2RZ8hNNEAEowpJlFaBSwKJglANv-HOlC-hKCQuaSbOiz0xiUIuOGMJQH7xoCJJwQAvD_BwE
3. https://www.edx.org/course/automata-theory