NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING
A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE
NPTEL

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13 June 2017

To
Prof. Ajay K.Sharma
Director
National Institute of Technology
Hamirpur

5156
04/7/2017

Dear Prof. Ajay K.Sharma

Sub: Regarding Upcoming NPTEL Online Certification Courses – July-Nov 2017

Greetings from the NPTEL office, IIT Madras.

The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Roorkee, Guwahati and Madras) along with Indian Institute of Science, Bangalore under the Ministry of Human Resources Development, Govt. of India in 2003 for the creation of web and video courses in various disciplines of engineering, basic sciences, management and humanities. Currently more than 1000 courses are available on the web **portal http://nptel.ac.in for viewing and download at no cost.**

Since March 2014, we have been offering open online courses under NPTEL on the portal https://onlinecourses.nptel.ac.in which are similar to the MOOCs offered in platforms like edX, Coursera or Futurelearn, etc. UG/PG, core/elective any kind of course can be offered under this initiative. There is no fee charged for any of this.

It is similar to a course run on campus - except that everything happens online. Every week, about 2.5-3 hrs of recorded video lessons and an assignment based on it are made available. There is a discussion forum to facilitate clarification of doubts by participants.

Where we differentiate ourselves from other platforms is that at the end of the course, we offer the students the option for registering for an in-person proctored exam for a nominal fee. Only those who register and write the exam and score more than 40% will get a certificate from the CCE of the IITs/IISc.

Our numbers since March 2014:
Courses offered: 355
Enrollments: 15.7 lakhs+
Exam registrations: 1 lakh+
Certified: 80000

Director Registrar
Dean
HOD (Coord (Web Studio)
Branch Officer (HOD CC

Mr Jagdish Diseni

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ADOPTION OF CERTIFICATION COURSES:

UGC and AICTE have approved that colleges can take these MOOC courses for credit in their Gazette notification of August 2016. These courses are being used by students to avail internship opportunities and prepare for the GATE exam too. About 10-15% of the total exam certified participants are faculty members from various colleges and hence these programmes are helping in faculty development and improvement.

NPTEL Local Chapters – partnership with colleges:

NPTEL partners with around 1000 colleges (engineering/ management/Arts and Science colleges) in the form of NPTEL Local chapters. Each college has a coordinator with whom NPTEL works closely to encourage maximum participation of students as well as faculty. Local Chapters are ranked in each semester based on performance further motivating the colleges to participate in full rigour.

The following NITs are currently partnering with us - NIT GOA, TIRUCHIRAPPALLI, KURUKSHETRA, MEGHALAYA, ROURKELA and MIZORAM.For a full list of partnering colleges, please go to this link (http://nptel.ac.in/LocalChapter/list_of_colleges.php)

COURSES OPEN FOR CERTIFICATION THIS SEMESTER:

Currently 160 courses are open for enrollment on the portal https://onlinecourses.nptel.ac.in, which can be circulated among your students/faculty who may be interested in taking up these courses (course list and posters attached).

Thank you.

Yours sincerely

Prathap Haridoss

रजिस्ट्री सं० डी० एल०-33004/99 REGD. NO. D. L.-33004/99

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विश्वविद्यालय अनुदान आयोग

विश्वविद्यालय अनुदान आयोग ('स्वयं' के माध्यम से ऑनलाइन ज्ञान–अर्जन पाठ्यक्रमों हेतु क्रेडिट ढ़ाँचा) विनियम, 2016

नई दिल्ली, 19 जुलाई, 2016

फा0 सं0 1–100/2016/मूक्स(ई–कॉंटेंट) 1. प्रस्तावना.—

1.1 जबकि शिक्षा के प्रसार हेतु उच्चतर शिक्षा तक पहुंच को व्यापक बनाया जाना तथा प्राद्यौगिकी में हुई प्रगति का उपयोग कर तत्संबंधी लागत को कम करना है,

1.2 जबकि पारम्परिक एवं ऑनलाइन शिक्षा सहित, शिक्षा प्रदान करने के लिए वृहद् मुक्त ऑनलाइन पाठ्यक्रम (एमओओसी) एक व्यावहारिक मॉडल के रूप में उभरे हैं,

1.3 जबकि ऑनलाइन ज्ञान–अर्जन के भारतीय स्वरूप "स्वयं" (युवा एवं उच्चाकांशी बौद्धिकों के लिए सक्रिय ज्ञान–अर्जन की अध्ययन पद्धति) को ज्ञान–अर्जन के स्वदेशी प्लेटफॉर्म पर आरंभ किया जा रहा है।

1.4 जबकि ई–ज्ञान अर्जन की कहीं–भी, कभी–भी पद्धति तथा पारंपरिक और कक्षागत चॉक–एंड–टॉक अध्यापन पद्धति के बीच तालमेल बिठाने की आवश्यकता है ताकि एक अनुपम विषयवस्तु अंतरण प्रणाली को विकसित किया जा सके जो शिक्षार्थियों की आवश्यकताओं की पूर्ति कर सके तथा भौगोलिक सीमाओं से इतर ज्ञान का निर्बाध अंतरण सुनिश्चित कर सके।

1.5 जबकि एक ऐसी विनियामक प्रणाली स्थापित किए जाने की आवश्यकता है, जिससे ऑनलाइन ज्ञान–अर्जन तथा सामान्य कक्षागत ज्ञान–अर्जन के बीच निर्बाध संबध स्थापित किया जा सके।

अतः अब;

विश्वविद्यालय अनुदान आयोग, विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 (1956 का तीसरा) की धारा 26 की उप–धारा(1) के खण्ड (च) और (छ) के अन्तर्गत प्रदत्त शक्तियों का प्रयोग करते हुए निम्नवत विनियम बनाता है, नामतः

2. <u>लघु शीर्ष, अनुप्रयोग एवं प्रवर्तन:</u>

2.1 इन विनियमों को **विश्वविद्यालय अनुदान आयोग ('स्वयं' के माध्यम से ऑनलाइन ज्ञान–अर्जन पाठ्यक्रमों हेतु क्रेडिट ढाँचा) विनियम, 2016** कहा जाएगा।

2.2 यह विनियम किसी केन्द्रीय अधिनियम, प्रान्तीय अधिनियम, अथवा किसी राज्य/संघशासित प्रदेश अधिनियम के अन्तर्गत स्थापित और निगमित सभी विश्वविद्यालयों तथा ऐसे विश्वविद्यालयों से मान्यताप्राप्त सभी संस्थानों तथा विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 की धारा 3 के तहत ऐसे सभी समविश्वविद्यालय संस्थानों पर लागू होंगे।

2.3 यह विनियम ऐसे छात्रों के क्रेडिट अंतरण पर भी लागू होंगे जिन्होंने देश में किसी भी शैक्षिक संस्थान में एक नियमित/अंशकालिक छात्र के रूप नामांकन प्राप्त किया है।

2.4 यह विनियम शासकीय राजपत्र में प्रकाशन की तिथि से लागू होंगे।

8 अनंतिम उपाय

8.1 विश्वविद्यालय अनुदान आयोग तीन वर्ष के इस अवस्थान्तरणीय काल के दौरान इन विनियमों के कार्यान्वयन के समक्ष आने वाले मुद्दों का समाधान करने के लिए एक स्थायी समिति का गठन करेगा।

प्रो. जसपाल एस सन्धू, सचिव, यूजीसी

[विज्ञापन–III/4/असा./182 (113)]

UNIVERSITY GRANTS COMMISSION

UGC (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2016.

New Delhi, the 19th July, 2016

No. F.1-100/2016(MOOCs/e-content) 1. Preamble.—

1.1 Whereas Education has to widen the access to higher education and bring down its cost by using technological advances,

1.2 Whereas Massive Open Online Courses (MOOCs) have emerged as a viable model for imparting education, involving conventional and online education,

1.3 Whereas the Indian version of online learning is being launched on an indigenous platform of learning, named as SWAYAM (Study Web of Active Learning by Young and Aspiring Minds),

1.4 Whereas there is a need to create synergies between the salient features of anytime-anywhere format of e-Learning and the traditional classroom-based chalk and talk method to develop a unique content delivery mechanism, which is responsive to learners' needs and ensures seamless transfer of knowledge across geographical boundaries,

1.5 Whereas there is a need to put in place a regulatory mechanism that would allow seamless connect between the online learning and the regular class room learning,

Now therefore;

University Grants Commission in exercise of the powers conferred by clause (f) and (g) of sub-section (1) of Section 26 of the UGC Act 1956 (No. 3 of 1956), makes the following Regulations, namely;

2. Short title, Application and Commencement:

2.1 These Regulations shall be called the **UGC (Credit Framework for online learning courses through SWAYAM) Regulation 2016.**

2.2 These shall apply to all universities established or incorporated by or under a Central Act, a Provincial Act, or a State/Union Territory Act and all institutions recognized by or affiliated to such Universities and all institutions deemed to be universities under Section 3 of the UGC Act, 1956.

2.3 These shall further apply to the transfer of credits of such students who are enrolled as regular/part-time students in any educational institution in India.

2.4 These shall come into force from the date of their publication in the official Gazette.

3. Definitions:

3.1 'Academic Council' is the body empowered to take decisions regarding all academic matters in an institution including the decision regarding permitting online learning courses through SWAYAM.

3.2 'Course' shall mean a paper which is taught for at least one semester as a part of a subject

3.3 'Four quadrant approach': the four Quadrant approach means e-learning system that has the following components:

- Quadrant-I is e-Tutorial: that shall contain: Video and Audio Contentinan organised form, Animation, Simulations,Virtual Labs.
- Quadrant-II is e-Content: that shall contain: PDF/e-Books/illustration, video demonstrations, documents and Interactive simulations wherever required.
- Quadrant-III is Web Resources: that shall contain: Related Links, Open Content on Internet, Case Studies, An ecdotalin formation, Historical development of the subject, Articles.
- Quadrant-IV is Self-Assessment : that shall contain: MCQ, Problems, Quizzes, Assignments and solutions, Discussion forum topics and setting up the FAQ, Clarifications on general misconceptions.

3.4 'Host Institution' shall mean the institution duly recognised/approved by the regulating authority, to which the PI/SME offering the course belongs.

3.5 'Institution' shall mean any academic institution registered and functioning in India.

3.6 'MOOCs': Massive Open Online Courses (MOOCs) are such online courses which are developed as per the pedagogy stated herein; following the four quadrant approach and made available on the SWAYAM platform of Government of India.

3.7 'MOOCs Guidelines' shall mean guidelines on online learning issued by the MHRD vide its orders dated 11th March 2016 and subsequent addendums issued by the MHRD.

3.8 'National MOOCs Coordinator' (NMC) is a Nation level agency designated as such by the Government, for the purpose of coordinating the production of the online courses and for overseeing their quality in a designated sector of learning.

3.9 'Parent Institution' shall mean the institution/university/college where the student is enrolled as a regular/part-time student.

3.10 'Principal Investigator (PI)': The PI shall be a Subject Matter Expert (SME) belonging to a reputed educational institution, identified and entrusted with the task of developing and delivering MOOCs in a given area by the NMC.

3.11 'Sector' shall mean a particular level of learning such as high school, engineering/non-engineering diploma/degree/post-graduation.

3.12 'Subject' shall mean a discipline (eg Mathematics) taught in an educational institution consisting of specific courses, resulting in awarding of a certificate/diploma/degree.

3.13 'SWAYAM platform' is an IT platform developed and made functional by the Ministry of Human Resource Development of Government of India for the purpose of offering online learning courses on the MOOCs pattern.

4. Online learning courses:

4.1. The online learning courses shall be made available on the SWAYAM Platform by the PI identified by the National MOOCs Coordinator, through the Host Institution, as per the schedule finalised by him/her.

4.2. The SWAYAM shall notify to the Registrars of all the Institutions, on 1st June and 1st November every year, the list of the online learning Courses going to be offered in the forthcoming Semester.

4.3. All the Institutions shall, within 4 weeks from the date of notification by SWAYAM, consider through their Competent Authoritythe online learning courses being offered through the SWAYAM platform; and keeping in view their academic requirements,decide uponthe courses which it shall permit for credit transfer.

Provided that an Institution can only allow up to 20% of the total courses being offered in a particular program in a Semester through the online learning courses provided through SWAYAM platform.

4.4. While making this decision, the Academic Council may, *interalia*, consider allowing online courses of SWAYAM if:

a) There is non-availability of suitable teaching staff for running a course in the Institution or
b) The facilities for offering the elective papers (courses), sought for by the students are not on offer in the Institution, but are available on the SWAYAM platform.
c) The courses offered on SWAYAM would supplement the teaching-learning process in the Institution.

4.5 Every student,in the class of the institution,offering a particular paper (course) would be required to register for the MOOCs for that course/paper.

4.6 While allowing the online learning Courses offered by SWAYAM, it shall be ensured that the physical facilities like Laboratories, computer facilities, library etc, essential for pursuing the courses shall be made available free and in adequate measure by the parent institution.

4.7 The parent institution must designate a course coordinator/facilitator to guide the students throughout the course and to facilitate/conduct the Lab/Practical sessions/examinations.

5. Evaluation and Certification of MOOCs

5.1. The host institution and the PI shall be responsible for evaluating the students registered for the MOOCs course launched by him/her.

5.2. The evaluation should be based on predefined norms and parameters and shall be based on a comprehensive evaluation throughout the length and breadth of course based on specified instruments like discussions, forums,quizzes, assignments, sessional examinations and final examination.

5.3. Whereas an online examination would be the preferred mode, the PI shall be authorised to decide on the mode of conducting the final examination. This shall be announced in the overview of the Course at the time of offering the course.

5.4. In case, apen and paper final examination is to be conducted, the same shall be offered through any college/school volunteering to conduct the same. The decision in this respect will be of the PI and the host institution.

5.5. After conduct of the examination and completion of the evaluation, the PI through the host institution shall award marks/grade as per the evaluation scheme announced.

5.6. The final marks/grade shall be communicated to the students as well as the parent institution of the student, within 4 weeks from the date of completion of the final examination.

5.7. The parent Institution shall, incorporate the marks/grade obtained by the student, as communicated by the Host Institution through the PI of the SWAYAM course in the marks sheet of the student that counts for final award of the degree/diploma by the University with the proviso that the programs in which Lab/Practical Component is involved, the parent institution will evaluate the students for the practical/Lab component and accordingly incorporate these marks/grade in the overall marks/grade

5.8. A certificate regarding successful completion of the MOOCs course shall be signed by the PI and issued through the Host Institution and sent to the Parent Institution.

6. Credit Mobility of MOOCs

6.1. The parent Institution shall give the equivalent credit weightage to the students for the credits earned through online learning courses through SWAYAM platform in the credit plan of the program.

6.2. No university shall refuse any student for credit mobility for the courses earned through MOOCs.

7. Amendment required in University Rules and Regulations for Seamless Integration of MOOCs

7.1 Every Institution, shall within 4 weeks from the date of issue of these Regulations, shall decide through their Competent Authority, the amendments required in their Ordinances, Rules, Regulations etc to incorporate provisions of these Regulation.

8. Transitory Measures

8.1 The UGC shall notify a Standing committee to resolve any issues that may arise in the implementation of these regulations during the transition period of three years.

Prof. JASPAL S. SANDHU, Secy. UGC

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अखिल भारतीय तकनीकी शिक्षा परिषद्

अधिसूचना

नई दिल्ली, 17 अगस्त, 2016

अमातशिप (स्वयं के माध्यम से ऑनलाईन अधिगम पाठ्यक्रम के लिए क्रेडिट (ढांचा) (फ्रेमवर्क) विनियम, 2016

फा. सं. अमातशिप/पी और एपी/स्वयं/2016.—1. उद्देश्यिका :

1.1 यतः शिक्षा को उच्चतर शिक्षा की पहुँच को व्यापक बनाना है और प्रौद्योगिकीय प्रगति का प्रयोग करते हुए इसकी लागत को कम करना है।

1.2 यतः व्यापक मुक्त ऑनलाईन पाठ्यक्रम (एमओओसी) पारंपरिक और ऑनलाईन शिक्षा का प्रयोग करते हुए शिक्षा प्रदान करने के लिए व्यवहार्य मॉडल के रूप में उभरा है।

1.3 यतः अधिगम के एक स्वदेशी प्लेटफार्म पर **स्वयं** (युवा और महत्वांकाक्षी मेधावियों द्वारा सक्रिय अधिगम का अध्ययन वेब) नामक ऑनलाईन अधिगम के भारतीय संस्करण का शुभारंभ किया जा रहा है।

1.4 यतः एक विशिष्ट विषय–वस्तु वितरण तंत्र विकसित करने के लिए, जो शिक्षार्थियों की आवश्यकताओं के प्रति उत्तरदायी हैं और समस्त भौगोलिक सीमाओं में ज्ञान का निर्बाध अंतरण सुनिश्चित करता है, ई–शिक्षण के कभी भी–कहीं भी (प्रारूप) तथा पारंपरिक कक्षा आधारित चॉक एवं व्याख्यान पद्धति की मुख्य विशेषताओं के बीच अभिक्रियाएं सृजित करने की आवश्यकता है।

1.5 यतः एक ऐसा विनियामक तंत्र स्थापित करने की आवश्यकता है, जो ऑनलाईन शिक्षण और नियमित कक्षा अधिगम के बीच निर्बाध संपर्क प्रदर्शित करे।

अतः, अब :

अखिल भारतीय तकनीकी शिक्षा परिषद् अखिल भारतीय तकनीकी शिक्षा परिषद् अधिनियम, 1987 (1987 का 52) की धारा 10 (ञ) और (पांच) के साथ पठित धारा 23 की उपधारा (आई) के अंतर्गत प्रदत्त की गई शक्तियों का प्रयोग करते हुए निम्नलिखित नियम बनाती है, अर्थात् (Sub-Section (i) of Section 23 read with Section 10 (i) and (v))

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NOTIFICATION

New Delhi, the 17th August, 2016

AICTE (Credit Framework for online learning course through SWAYAM) Regulations, 2016

F. No. AICTE/P&AP/SWAYAM/2016.—1. Preamble:

1.1 Whereas Education has to widen the access to higher education and bring down its cost by using technological advances.

1.2 Whereas Massive Open Online Course (MOOCs) have emerged as a viable model for imparting education, involving conventional and online education.

1.3 Whereas the Indian version of online learning is being launched on an indigenous platform of learning named as **SWAYAM** (Study Web of Active learning by Young and Aspiring Minds),

1.4 Whereas there is a need to create synergies between the salient features of any time any where format of e-Learning and traditional classroom based chalk and talk method to develop a unique content delivery mechanism which is responsive to learners' needs and ensures seamless transfer of knowledge across geographical boundaries.

1.5 Whereas there is a need to put in place a regulatory mechanism that would show seamless connect between the online learning and the regular class room learning.

Now, therefore:

All India Council for Technical Education in exercise of the powers conferred under sub-Section (i) of Section 23 read with Section 10 (i) and (v) of the All India Council for Technical Education Act, 1987 (52 of 1987), makes the following Regulations, namely:

2. Short title Application and Commencement:

2.1 These Regulations shall be called the AICTE (Credit Frame work for online learning courses through SWAYAM) Regulation 2016.

2.2 These shall apply to all Technical Institutions and Universities established or incorporated by or under a Central Act, a Provincial Act, or a State/Union Territory Act and all institutions recognized by or affiliated to such Universities and all intuitions deemed to be universities under Section 3 of the UGC Act 1956, imparting technical education.

2.3 These shall further apply to the transfer of credits of such students who are enrolled as regular/part time students in any educational institution in India.

These shall come into force from the date of their publication in the official Gazette.

3. Definitions:

3.1 'Academic Council' is the body empowered to take decisions regarding all academic matters in an institution including the decision regarding permitting online learning courses through SWAYAM.

3.2 'Course' shall mean a paper which is taught for at least one semester as a part of a subject.

3.3 Four quadrant approach: the four Quadrant approach means e-learning system that has the following components:

- **Quadrant-I** is e-Tutorial: that shall contain: Video and Audio Content in an organized form, Animation, Simulations, Virtual Labs.
- **Quadrant-II** is e-Content: that shall contain: PDF/e-Books/ illustration, video demonstrations, documents and Interactive simulations wherever required.
- **Quadrant-III** is Web Resources: that shall contain: Related Links, Open Content on internet, Case Studies, Anecdotal information, Historical development of the subject, Articles.
- **Quadrant-IV** is Self-Assessment: that shall contain: MCQ, Problems Quizzes, Assignments and solutions, Discussion forum topics and setting up the FAQ, Clarifications on general misconceptions.

3.4 'Host Institution' shall mean the institution duly recognized /approved by the regulating authority to which the PI/SME offering the course belongs.

3.5 'Institution' shall mean any academic institution registered and functioning in India.

3.6 'MOOCs': Massive Open Online Courses (MOOCs) are such online courses which are developed as per the pedagogy stated herein; following the four quadrant approach and made available on the SWAYAM platform of Government of India.

3.7 'MOOCs Guidelines' shall mean guidelines on online learning issued by the MHRD vide its orders dated 11th March, 2016 and subsequent addendums issued by the MHRD.

3.8 'National MOOCs Coordinator' (NMC) is a Nation level agency designated as such by the Government, for the purpose of coordinating the production of the online courses and for overseeing their quality in a designated sector of learning.

3.9 'Parent Institution' shall mean the institution/university/college where the student is enrolled as a regular /part-time student.

3.10 'Principal Investigator (PI)': The PI shall be a Subject Matter Expert (SME) belonging to a reputed educational institution, identified and entrusted with the task of developing and delivering MOOCs in a given area by the NMC.

3.11 'Sector' shall mean a particular level of learning such as high school engineering/non-engineering diploma/degree/post-graduation.

3.12 'Subject' shall mean a discipline/ branch (e.g. Civil Engineering, Architecture, Pharmacy etc.) taught in an educational institution consisting of specific courses, resulting in awarding of a certificate/diploma/degree.

3.13 'SWAYAM platform' is an IT platform developed and made functional by the Ministry of Human Resource Development of Government of India for the purpose of offering online learning courses on the MOOCs pattern.

4. Online learning courses:

4.1 The online learning courses shall be made available on the SWAYAM platform by the PI identified by the National MOOCs Coordinator through their Institution, as per the schedule finalized by him/her.

4.2 The SWAYAM shall notify to the Registrars of all the Institutions, on 1st June, 1st November every year, the list of the online learning courses going to be offered in the forthcoming Semester.

4.3 All the Institutions shall, within 4 weeks from the date of notification by SWAYAM, consider through their Competent Authority the online learning courses being offered through the SWAYAM platform; and keeping in view their academic requirements, decide upon the courses which it shall permit for credit transfer.

Provided that an Institution can only allow up to 20% of the total courses being offered in a particular program in a Semester through the online learning courses provided through SWAYAM platform.

4.4 While making this decision, the Academic Council may, interalia, consider allowing online courses of SWAYAM if:

a) There is non-availability of suitable teaching staff for running a course in the Institution or

b) The facilities for offering the elective papers (courses), sought for by the students are not on offer in the Institution, but are available on the SWAYAM platform.

c) The courses offered on SWAYAM would supplement the teaching-learning process in the Institution.

4.5 Every student, in the class of the institution, offering a particular paper (course) would be required to register for the MOOCs for that course/paper.

4.6 While allowing the online learning Courses offered by SWAYAM, it shall be ensured that the physical facilities like Laboratories, computer facilities, library etc. essential for pursuing the courses shall be made available free and in adequate measure by the parent institution.

4.7 The parent institution must designate a course coordinator/facilitator to guide the students throughout the course and to facilitate/conduct the Lab/Practical sessions/examinations in Approved Institutions.

5. Evaluation and Certification of MOOCs

5.1 The host institution and the PI shall be responsible for evaluating the students registered for the MOOCs course launched by him/her.

5.2 The evaluation should be based on predefined norms and parameter and shall be based on a comprehensive evaluation throughout the length and breadth of course based on specified instruments like discussions, forms, quizzes, assignments, sessional examinations and final examination.

5.3 Whereas an online examination would be the preferred mode, the PI shall be authorized to decide on the mode of conducting the final examination. This shall be announced in the overview of the Course at the time of offering the course.

5.4 In case, a pen and paper final examination is to be conducted, the same shall be offered through any college/school volunteering to conduct the same. The decision in this respect will be of the PI and the host institution.

5.5 After conduct of the examination and completion of the evaluation, the PI through the host institution shall award marks/grade as per the evaluation scheme announced.

5.6 The final marks/grade shall be communicated to the students as well the parent institution of the student, within 4 weeks from the date of completion of the final examination.

5.7 The parent institution shall, incorporate the marks/grade obtained by the student, as communicated by the Host Institution through the PI of the SWAYAM course in the marks sheet of the student that counts for final award of the degree/diploma by the University with the proviso that the programs in which Lab/Practical Component is involved, the parent institution will evaluate the students for the practical/Lab component and accordingly incorporate these marks/grade in the overall marks/grade.

5.8 A certificate regarding successful completion of the MOOCs course shall be signed by the PI and issued through the Host Institution and sent to the Parent Institution.

6. Credit Mobility of MOOCs

6.1 The parent institution shall give the equivalent credit weightage to the students for the credits earned through online learning courses through SWAYAM platform in the credit plan of the program.

6.2 No Institutions/University shall refuse any student for credit mobility for the courses earned through MOOCs.

7. Amendment required in University Rules and Regulations for Seamless Integration of MOOCs

7.1 Every Institution/University imparting Technical Education shall within 4 weeks from the date of issue of these Regulations, shall decide through their Competent Authority, the amendments required in their Ordinances, Rules, Regulations etc to incorporate provision of these Regulation.

8. Transitory Measures

8.1 The AICTE shall notify a Standing committee to resolve any issues that may arise in the implementation of these regulations during the transition period of three years.

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