NOTICE

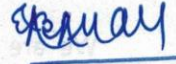**DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR**

NOTICE

Date: 19/12/2018

IQAC of the College is organising professional Development Awareness Programme on SWAYAM and other MOOC online courses.

The training program scheduled faculty wise is as given below.

Attendance of all HoDs and Teachers including Approved and Ad-Hoc teachers is compulsory.

Date	Faculty	Timing	Venue
24/12/2018	Science	10.00 am to 2.00 pm	Room No. 1
24/12/2018	Law & Physical Edu.	10.00 am to 2.00 pm	Seminar Room
26/12/2018	Arts & Commerce	10.00 am to 2.00 pm	Room No. 1

Dr. P. C. Pawar
(Principal)

REPORT

Awareness Program on SWAYAM and other MOOCs for Faculty of Science

DATE: 24 DECEMBER 2018   **VENUE: SEMINAR HALL-01**

By

Mr. Rohan Thaware, UNIVERSITY SWAYAM MENTOR,
Dr. Ambedkar College, Deekshabhoomi, Nagpur-10

The presentation was conducted with five basic points or questions in mind. What are MOOCs? What is SWAYAM? Other useful MOOCs Application of MOOCs for teachers. What to do next?

What are MOOCs?

MOOC stands for Massive (in terms of enrollment number), Open(as it can be done by anyone), Online(i.e. web based therefore accessed from anywhere) and Courses(structured learning with proper curriculum).

The first MOOC was offered in 2008, therefore it's not a new phenomenon. By definition - A MOOC is an open-access online course (i.e., without specific participation restrictions) that allows for unlimited (massive) participation. It may provide interactive features to encourage interactions among students and between students and the teaching staff.

Philosophy of MOOCs depends on three A's of education Anytime, Anyone, Anywhere. Institutions like MIT, Harvard, Georgia Tech, and Stanford are actively creating and launching MOOCs. Each MOOC is launched for specific period of time with start date and end date. A MOOC is not a school or just an online course. It's a course which is open, participatory, distributed providing lifelong networked learning

MOOC courses are like other courses with study material and instructors and other facilitators and participants. It also is a way to connect and collaborate as well as engage in learning process. MOOC as an event where people who care about a topic can get together and work on it in a structured way.

Major global players in MOOCs are edX, Coursera, Udacity, Udemy and P2PU. These initiatives vary in being nonprofit, free or paid access to courses, certification fee, and providing institutional credits.

What is SWAYAM?

SWAYAM stands for **Study Web of Active Learning for Young and Aspiring Minds.** In other words SWAYAM is India's own MOOC. As an indigenous platform of the Government of India to hosts MOOCs it enable students to virtually attend the courses taught by the best faculty, access high

quality reading resources, participate in discussion forums and take tests and earn academic grades.

SWAYAM provides the best teaching learning resources to all, including the most disadvantaged while achieving the three cardinal principles of Education Policy viz., access, equity and quality. It is an IT platform that facilitates hosting of all the courses, taught in classrooms from 9th class till post-graduation with interactive, free of cost courses to the resident in India which are prepared by the best teachers in the country.

SWAYAM courses are distributed in 4 parts. (1) video lecture, (2) specially prepared reading material that can be downloaded/printed(3) self-assessment tests through tests and quizzes(4) an online discussion forum for clearing the doubts

To ensure production and delivery of best quality content nine National Coordinators are recognized for SWAYAM. They are AICTE for self-paced and international courses, NPTEL for engineering, UGC for non technical post-graduation education, CEC for under-graduate education, NCERT & NIOS for school education, IGNOU for out of the school students, IIMB for management studies and NITTTR for Teacher Training program.

Students who want certifications are registered and offered a certificate on successful completion of the course, with a little fee. At the end of each course, there is an assessment of the student through proctored examination and the marks/grades secured in this exam could be transferred to the academic record of the students.UGC has already issued the UGC **(Credit Framework for online learning courses through SWAYAM) Regulation 2016** advising the Universities to identify courses where **20 % credits** can be transferred on to the academic record of the students for courses done on SWAYAM.

Dr. Rekha Sharma is SWAYAM Coordinator of RTM Nagpur University and Dr. Shailesh Bahadure and Mr. Rohan Thaware are SWAYAM mentor from Dr. Ambedkar College, Deekshabhoomi, Nagpur. There are total 26 mentors from different colleges of Nagpur who are registered on this website. These mentors job is to promote the SWAYAM courses and ensure the learning of students through it.

Other useful MOOCs

Apart from SWAYAM NPTEL also got its own MOOCs National Program on Technology Enhanced Learning. These courses are mainly Science and Technology Courses provided by faculties of IITs and IISc. NPTEL courses offered twice a year. They publishes the list of courses offered like SWAYAM. These courses are subjected to changes with the demand of the students. Each course is followed by examination for earning a certificate.

e-PGPathshala is another useful educational platform. Its not a MOOC but an e-Content resource or Open Education Resource (OER). It differs from MOOC in term of zero interaction with teachers and other students.

To reach students with no internet connection Government of India launched SWAYAM Prabha which is a group of 32 DTH channels, telecasting high-quality educational programs on 24X7 basis using the GSAT-15 satellite. Every day, there is a new content for at least 4 hours which would be repeated 5 more times in a day, allowing the students to choose the time of their convenience. The

channels are uplinked from BISAG, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal

Application of MOOCs for teachers

As per the UGC Regulations on Minimum Qualifications for Appointment of Teachers and Other Academic Staff in Universities and Colleges and Measures for The Maintenance of Standards in Higher Education, 2018 published on 18th July 2018 the teachers appraisal depends on Career Advancement Scheme based on Academic Performance Indicators based Performance Based Appraisal. System. In this regulation development of e content is emphasized.

Newly appointed teachers and senior teachers must attending Induction and Refresher/orientation courses for their appraisal. The induction course of at least 21 days is mandatory for newly appointed teachers apart from this refresher courses keeps teachers up to date with teaching skills and also help in CAS. But it is almost impossible to get 21 days leave from college. Here SWAYAM helps as 13 National Resource centers have being identified by MHRD to provide online refresher course through SWAYAM

Using innovative teaching methodology like Flip classrooms can be done by using SWAYAM. Teachers can provide the link to lectures from SWAYAM etc. which can be assessed during class time by discussing the ideas from online lecture. The time in classroom can be spend time on learning activities which are applied and require high-order thinking. A written assessment can also be performed which can also work as a record of your innovative teaching method.

Teachers can also develop Online Courses for SWAYAM for which SWAYAM website provide separate guidelines. These guidelines are formed with 5 steps as 1) Identification, 2) Pre- production activities (12 weeks/Online Course), 3) Production activities (8 weeks/ Online Course), 4) Post production activities (4 weeks/Online Course) and 5) Review of the Course content and approvals (4 weeks /Online Course).

Each SWAYAM course is formed with the four Quadrant approach for e-learning system. These are Quadrant-I for e-Tutorial, Quadrant-II for e-Content, Quadrant-III for Web Resources and Quadrant-IV for Self-Assessment

What to do next?

The Major Takeaway from this presentation are as follows. Teachers should enroll themselves on SWAYAM and NPTEL courses and take up these courses with enthusiasm. Inform your College mentor about the course you are taking course. Inform your students about MOOCs and Use it to become an effective teacher.

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Awareness Program on SWAYAM and other MOOCs for Faculty of Arts and Commerce

DATE: 26 DECEMBER 2018   VENUE: SEMINAR HALL-01

By

Dr. Shailesh Bahadure, UNIVERSITY SWAYAM MENTOR,

Dr. Ambedkar College, Deekshabhoomi, Nagpur-10

A prior notice regarding the awareness programme was circulated according to which teaching faculty members registered their names. It was organized by the IQAC of the college. The presentation (ppt) included 82 slides prepared on each separate area required for MOOCs. At the outset, Dr. Mrs. Hema Menon (Co-ordinator-IQAC) made introductory remarks and explained some of the criterion in new NAAC guidelines and IQAC report to be submitted by the college. Participants were asked to take notes of the presentation.

The presentation included SWAYAM initiatives by the MHRD, Govt. of India and Smart initiatives to be taken by the college in campus. Some of the broad topics presented were Digital Transformation in Higher Education, MOOcs Beginning, Online Learning Platforms, Different Players In MOOCs, Digital Repositories, e-learning tools, e-pg pathshala, Swayam Prabha-DTH Channel available as Satellite Services, etc.

Demonstration of all the links of MOOCs and useful software were made live and Homepage as well as logging procedure was explained. Working of some softwares was also shown for better and easy understanding of participants was also executed.

Participants were also explained moodle and google classroom in brief as to how these can be used as LMS. A demonstration on this was also performed. Facilities included with gmail account and its operation were shown with google forms for conducting feedback and objective/descriptive tests for learners.

Searching appropriate content on youtube and how to use settings was also explained. A new searching method using 'creative commons' was also explained and demonstrated.

Questions asked by participants on some important issues were answered at the end of the programme.

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Photographs :

Photographs with Geotagging: 26/12/2018

Awareness Program on SWAYAM and other MOOCs for Faculty of Law

By

Dr. Mrs. Varsha Deshpande, Dr. Ambedkar College, Deekshabhoomi, Nagpur-10

A three hours workshop for awareness on SWAYAM and MOOCS was organised in the Dept of Law on the 24th of Dec 2018. All the teachers of the Dept of Law and the Dept of Physical Education participated in the workshop.

Dr Varsha Deshpande, Assistant Professor in the Dept of Law conducted the said workshop. This was the LEVEL I workshop organised by the IQAC for the teachers with the aim of generating awareness on MOOCs, e-content development and OER.

Dr Deshpande began by drawing attention of the audience to the massive scale in which digital revolution has dramatically altered all sectors of human life today. Hence even the field of higher education has not remained aloof from these inevitable transformations. Hence there is no option but to introduce ICT in the teaching learning process in order to make quality education seamless and accessible to all. She spoke about how all overseas universities have been using MOOCs since many years. The same has now set off in India through SWAYAM. Thus SWAYAM is India's own platform for MOOCs. She emphatically spoke about the importance of the popular tag line of MOOCs which is "ANYTIME   ANYONE   ANYWHERE".

Dr Deshpande appraised the audience about the 17x17 Digital initiatives of the Govt of India, under which she emphasised mainly on MOOCs, SWAYAM PRABHA, NATIONAL DIGITAL LIBRARY, NATIONAL ACADEMIC DEPOSITORY and the other initiatives thereunder like Digital campus, clean campus, Unnat Bharat etc.

Later the resource person spoke about MOOC courses in particular. She informed the audience of the two-fold ways in which teachers can take advantage of MOOCs. Firstly, they can sign up for some online courses as students and secondly, they can themselves float some new courses. In this context she also informed the teachers about "ARPIT" which is an online refresher programme that can be taken up by teachers for their career advancement. She introduced the audience to the concept of self paced and schedule driven courses as also, credit and non credit courses. Relevant information about the eight national MOOC co-ordinators, the AAC, the UGC Regulation of 2016 for 20% credit transfer as also the four quadrant approach for designing the MOOC courses, were the focal centres of her discussion.

She also introduced the audience to terminologies like 'course, subject, PI, SME, host institution, parent institution' etc. The urgent need for Universities to amend their existing Regulations in order to incorporate the approved MOOC courses for credit transfer was also highlighted upon. She specifically stressed on the inclusion of MOOC courses in the PBAS Proforma for CAS.

Dr Deshpande also threw light on e-PG pathshala and spoke about the development of e-content. She introduced the audience to the availability of different softwares like screen castomatic, screencastify, presentation tube etc to enable teachers to prepare their own tutorials as a part of online courses.

The workshop was well received by the audience and was followed by an engaging interactive session.

Photographs with Geotagging: 24/12/2018

Report Concluded