Adoption and Implementation of SWAYAM Course

Dr. Ramni Gupta

Departmental SWAYAM Coordinator

(DSC)

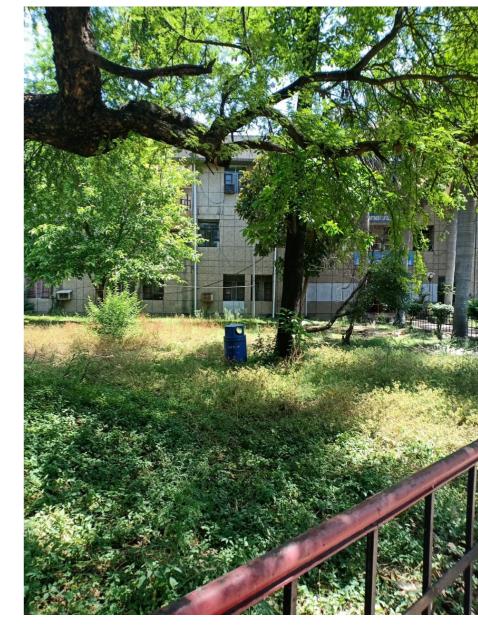**Department of Physics, University of Jammu**

Outline

- Introduction

- SWAYAM Credits and Credit Scheme

- A few terms

- Operational points
  - Coordinators/Committees
  - Course selection criteria
  - Standing instructions
  - Shortlisted courses for June-November block
  - Students!

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Introduction

- **SWAYAM (meaning 'Self'),**

  acronym that stands for

  "Study Webs of Active-Learning for Young and Aspiring Minds"

    – is an Indian <u>Massive Open Online Course</u> (MOOC) platform.

    – launched on 9 July 2017 by Honorable President of India.

    – has been developed cooperatively by MHRD (Ministry of Human Resource Development) and AICTE (All India Council for Technical Education) with the help of Microsoft

    – Is a platform offers free access to everyone and hosts courses from **Classes 9 till post-graduation level.**

    Source: Internal Booklet for SWAYAM available in University website

Adoption by University of Jammu

- Adoption of MOOCs is mandatory for all students of the University of Jammu and affiliated the Colleges

  – (vide University Council item NO: 84.16: **84th Meeting** of University Council **Dated: 10.04.2018**, detailed in the Academic Council Agenda, meeting dated: **23.11.17**)

- and subsequent meeting of the Academic Council Dated: **26.02.2021**, to enable blended model of teaching- learning as also envisaged in the NEP 2020, and previously in the Digital Initiatives 17 by 17 of the MHRD/ MOE

https://www.jammuuniversity.ac.in/swayam

Source: Internal Booklet for SWAYAM available in University website

Credits to be earned through SWAYAM course

- *A minimum of one course of **4-credit** has to be earned,*

  - *subject to the maximum of **10%** of total credits*

  - *for the completion of degree by all regular students of PG/UG stream*

  - *from the SWAYAM platform depending upon the availability of courses as notified by UGC generally on **predefined dates**, 1st June or November respectively, every year.*

SWAYAM CREDIT SCHEME

Credits Table (Table 1)

S.No.	Duration	No. of Hours	Credits Recommended
1	4 weeks	24 hrs	1 credit
2.	6 weeks	32 hrs	2 credits
3.	8 weeks	48 hrs	3 credits
4.	12 weeks	72 hrs	4 credits/4.5 credits
5.	15 weeks	90 hrs	5 .5 credits
6.	16 weeks	96 hrs	6 credits

Source Used: https://swayam.gov.in

A few important terms to know:

- **course** shall mean a paper which is taught for at least one semester as a part of a subject.

- **Host institution (HI)** means institution which offers a particular course on SWAYAM.

- **Parent Institution (PI)** means institution where student is enrolled as a regular student.

- **USC** means UGC SWAYAM Coordinator

- **USM** means UGC SWAYAM Mentors

- **DLMC** means Digital Learning Monitoring Cell

- **DSC** means Departmental SWAYAM Coordinator

- **DCC** means Departmental Course Coordinator

- **SAC** means SWAYAM Academic Cell

Operational Points for Department

SWAYAM

So How to go about:

- **Departmental SWAYAM Coordinator (DSC)**
  - **Each Department can have only one DSC**

- **Department Course Coordinator (DCC)**
  - **but can have more than one Course Coordinator.**

These roles can be interchanged or combined depending on the faculty strength in the Department

- **SWAYAM Academic Cell (SAC)** Creation of SWAYAM Academic Cell for each Department or Faculty,
  - for handling approval of new SWAYAM courses from time to time is recommended, as it might not be possible to hold BOS meetings every six months when the new courses are notified by the UGC /National Coordinators.
  - Alternatively, DAC may be empowered to take the decisions regarding the approval of SWAYAM courses.

2. CREATION OF SWAYAM ACADEMIC CELL (SAC)

- In view of the fact that it is not feasible for the Board of Studies to meet frequently and since the SWAYAM courses are to be notified after every 6 months (June & November), and that there is a dynamic list of courses from which students have to opt from, hence it is recommended that the SWAYAM Academic Cell (SAC) be created in each Department. The respective BOS shall authorize the Convener, BOS, Departments and the committee members of the SWAYAM Academic Cell (SAC) or Departmental Affairs Committee (as the case may be) to select the newly notified courses, well in time and the action taken may later be vetted through appropriate academic bodies. Similar structure may also be adopted by the affiliated Colleges.

- The respective Convener of BOS shall decide the constitution of SAC, with DSC/CSC as one of the members, to execute the task of identifying new MOOC courses to be offered (every six months). In the absence of the SWAYAM Academic Cell, DAC of the department shall execute the task of identifying new MOOC courses.

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We need to discuss:-------

Constitution of

SAC:
    1. DSC
    2. ?
    3. ?
    ....

Or DAC?

Course Cordinators:

    After identification of Courses, after every Six months.

Course Selection:

   ....Next slide

Discussions

Course Selection Criteria

- It is pertinent to mention that UGC has suggested that an institution can allow up to 20% of the total credits to be earned from SWAYAM platform.

- Emphasis should be on identification of job oriented/ready SWAYAM Courses for UG/PG level on SWAYAM portal, as also emphasized in the NEP-2020. Furthermore, these courses, selected from SWAYAM platform, should be such that they are not similar to the courses offered in the present course curriculum, (unless absolutely necessitated by dearth of faculty for teaching a particular important course); as it may otherwise lead to duplication and repetition of the same course/s.

Standing instructions for SWAYAM Implentation

- *A minimum of one course of 4-credit has to be earned,*

- *Preferably for earning the required 4 credits, a single course must be selected from SWAYAM Platform.*

- *The student can select courses either from technical (NPTEL) and non-technical (UGC) MOOCS from SWAYAM Portal (www.swayam.sov.in)*

- *In case the credits are not specified for a given MOOC, the DSC must ensure a minimum of 12 weeks(72 hrs) course to qualify for the 4-credit course.*

- *However, final combination of earning 4 credits shall be left to the DSC and the students, which must be completed on or before 3rd semester.*

- *MOOCs will be treated as Open Elective Course in lieu of open elective course of 3rd semester course offered by University*

- *The student must complete the SWAYAM course successfully before the commencement of the final semester of a stream or discipline.*

- *Students can select the MOOC course of their choice from a pool of courses selected by the Department.*

  - *of any stream or any other course of their choice with prior information to. Departmental SWAYAM Coordinator (DSC)*

- *and it shall be the duty of the Departmental SWAYAM coordinator (DSC) to forward these selected new courses through the convener, BOS, under information to Dean Academic Affairs.*

Shortlisted courses: June-Nov, 2021 session

Discipline / Degree / Subject

MD / M.Sc or MD / MD

S.No.	UGC List S.No.	Discipline	Deree	Subject	New Course ID	Old course ID	Course Title		Start Date	End date	Host Univ/Inst	Level	Credits	New / Rerun	Tentative exam date	URL
1	1	Multidisciplinary	Multidiscioline	Multidiscioline	cec21-ge3		Academic Writing	Dr. Ajay Semalty	01/07/2021	30/10/2021	HNB Garhwal University, a central University, Srinagar Garhwal Uttarakhand	PG	4	Rerun	13th or 14th November 2021	https://onlinecourses.swayam2.ac.in/cec21_ge32/preview
2	3	Computer Science and Engineering, Multidisciplinary	M.Sc	Computer Science	cec2:	cec21-cs07	Animations	Dr. Abhishek Kumar	01/07/2021	30/10/2021	Banaras Hindu University, Varanasi, Uttar Pradesh	PG	4	Rerun	13th or 14th November 2021	https://onlinecourses.swayam2.ac.in/cec21_cs18/preview
3	8	Computer Science and Engineering	MCA/M.Sc	Computer Science and Engineering	cec2:	cec21-cs09	Cyber Security	Prof. Padmavathi G	01/07/2021	30/10/2021	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	PG	4	Rerun	13th or 14th November 2021	https://onlinecourses.swayam2.ac.in/cec21_cs14/preview
4	12	Education, Home Science,Multidisciplinary	Multidiscipline	Education, Home Science,Multidisciplinary	cec2:	cec21-ed11	Early Childhood Care and Education (ECCE)	Dr. Arockia Maraichelvi. K	01/07/2021	30/10/2021	Avinashilingam Institute for Home Science and Higher Education for Women	PG	4	Rerun	13th or 14th November 2021	https://onlinecourses.swayam2.ac.in/cec21_ed16/preview
	16	Agriculture & Food Engineering	Multidiscipline	Agricultural and Food Engineering, Microbiology,	cec2:	cec21-ag0	Food Microbiology and Food	Dr Tejpal Dhewa	01/07/2021	30/10/2021	Central University of Haryana, Mahendergarh (Haryana)	PG	4	Rerun	13th or 14th November 2021	https://onlinecourses.swayam2.ac.in/cec21_ag

6	17	Agricultural and Food Engineering	Multidiscipli ne	Agricultural and Food Engineering, Microbiology, Biotechnology, Life Science, Multidisciplina ry	cec2	cec2 1-ag0 5	Functional Foods and Nutraceutic als	Dr. Rekha Sharma	01/07/2021	30/10/2021	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	PG	4	Rer un	13th or 14th November 2021	https:// onlinecou rses.swa yam2.ac. in/ cec21_ag 07/ preview
7	22	Computer Science and Engineering	M.Sc	Computer Science	cec2	cec2 0-cs16	Introduction to Computer Networks & Internet Protocols	Prof.Bhusha n Trivedi	01/07/2021	30/10/2021	Gujarat University	PG	4	Rer un	13th or 14th November 2021	https:// onlinecou rses.swa yam2.ac. in/ cec21_cs 19/ preview
8	24	Mathematics & Statistics	M.Sc	Statistics	cec2	Run on SWA YAM 1.0	Introduction to R	Dr. Santu Ghosh	01/07/2021	30/10/2021	University of Calcutta, Kolkata, West Bengal	PG	4	Rer un	13th or 14th November 2021	https:// onlinecou rses.swa yam2.ac. in/ cec21_m a11/ preview

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9	27	Multidisciplinary courses	M.Sc/ M.Tech	Geology	cec2	cec21-ce02	Metamorphic Petrology & Thermodynamics	Prof. Harel Thomas	01/07/2021	30/10/2021	Dr. Hari Singh Gour Vishwavidyalaya, Sagar	PG	4	Rerun	13th or 14th November 2021	https://onlinecourses.swayam2.ac.in/cec21_ce03/preview
10	28	Mathematics & Statistics	M.Sc	Mathematics	cec2	cec21-ma10	Numerical Analysis	Prof. Madhumangal Pal	01/07/2021	30/10/2021	Vidyasagar University	PG	4	Rerun	13th or 14th November 2021	https://onlinecourses.swayam2.ac.in/cec21_ma12/preview
11	33	Multidisciplinary courses	Multidiscioline	Multidiscioline	cec2	cec20-ge33	Research Ethics	Shri. Manoj Kumar K	01/07/2021	30/10/2021	Central University of Himachal Pradesh	PG	4	Rerun	13th or 14th November 2021	https://onlinecourses.swayam2.ac.in/cec21_ge19/preview
12	37	Biological sciences & Biotechnology	Multidiscipline	Multidiscioline	cec2	cec21-bt08	Solid and hazardous Waste Management	Prof. Vinod Kumar Garg	01/07/2021	30/10/2021	Central University of Punjab, Bathinda	PG	4	Rerun	13th or 14th November 2021	https://onlinecourses.swayam2.ac.in/cec21_bt13/preview

Operational Points for Department

- *Latest by the 25th of June for June notified courses and similarly by 25th of November for November notified courses by UGC, and must be sent to the DEAN ACADEMIC AFFAIRS.*

- *wlthin a weeks' time from date of commencement of final semester,the Information about Courses selected must be sent to the DEAN ACADEMIC AFFAIRS within a weeks' time from date of commencement of final semester*

Swayam Data

Department/ College Name					
Name of the Departmental SWAYAM Coordinator (DSC)					
Departmental Course Coordinator (DCC)	Mobile Number	Swayam Course Opted by the Students (Course Title)		Semester Wise	Total No. of Students Enrolled

Note :

Submit data to Email-Id : 1) neerusha@gmail.com 2) iqac_ju@yahoo.com by 5th October for June session and 5th March for November session every year

Discussion and Decisions:

Constitution of

SAC:
    1. DSC   **Or DAC?**
    2. ?
    3. ?
    ....
Course Cordinators:

    ????????.

Courses Selected/offered by the Department of Physics :

    ....

Thanks

Zoom meeting for orientation of the students?

- Proposal: Anytime before 17th June, 2021
- Students have to Register at SWAYAM portal
- Enroll for the course works selected from list of courses suggested by DAC
- Data Collection of all students and Information to DAA (Format)
- Counselling and hand holding by Course Coordinator
- Examinations in November
- Collection of information,
- Maintain record and pass it on to DAA and CoE at the end of 3rd semester.

2021 Batch: Aug-Sep, 2021.
Will Be geistered in November 2021 and will do courses announced in November for Jan-June, 2022 Courses.

Thanks

Operational part : Students

- Any issue or problem related to SWAYAM must be brought to the notice of the Unlverslty SWAYAM Coordinator, immediately, through the DSC and Head, without fail, so that it can be addiessed ln time
- The student must keep a note of and also supply the information such as registration date/ enrolment: id, email-id, phone, name, semester etc. to their DSC/CSC.19.
- SWAYAM Examination fees (if any), or any other fee prescribed, shall be borne by the students only.
- The Examination fee once paid shall not be refundable.
- Since there is no re-examination system therefore, candidate has to re-opt in the next.cycle/ sessionif he/she is unable to complete the SWAYAM MOOCs successfully for whatsoever reason.
- The concerned may note that all University/ Dgpartmenta'l Examinations must be rescheduled or' readjusted if needed, to avoid any clash with SWAYAM Examination schedule, to avoid hardships to the students.
- The student must submit a valid course completion certificate as a proof (Photocopy/ prlnt copy) totheir respective DSC/CSC before the beginning of the final semester', failing which their degree willbe withheld

Operational Points

he student must fill an undertaking form, as given in the brochure, and submit the same after dulyfilled form to their respective Departments/ Colleges for future reviews and record purposes.

Students must follow the schedule of the host institution in completing the course successfully andfor all doubts must contact the Course Coordinator or the Departmental/ College SWAYAMCoordinator (DSC/CSC).17.

https://www.jammuuniversity.ac.in/sites/default/files/inline-files/instructions.pdf

Decalaration form

- https://www.jammuuniversity.ac.in/sites/default/files/inline-files/form.pdf

  To be filled by students
  And submitted with DSC
  by ....2021.