

F.No.17-6/2017-TEL  
Government of India  
Ministry of Human Resource Development  
Department of Higher Education  
(TEL Division)  
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525-C, Shastri Bhawan  
New Delhi dated 12.09.2018

**Subject: Minutes of the 8<sup>th</sup> Meeting of SWAYAM Board held on 10.09.2018-  
regarding**

The undersigned is directed to forward herewith the minutes of 8<sup>th</sup> Meeting of SWAYAM Board, which was held on 10.09.2018 at 10.30 A.M. under the Chairmanship of Secretary (HE), Ministry of Human Resource Development, Shastri Bhawan, New Delhi for information and further necessary action.

  
(Rajesh Singh Solanki)  
Under Secretary (TEL)  
TEL No. 011-23385935

To,

1. Secretary (HE), M/o HRD
2. Prof. D. P. Singh, Chairman, UGC, New Delhi
3. Prof. Anil D. Sahasrabudhe, Chairman, AICTE, New Delhi
4. Additional Secretary (TE), M/o HRD
5. Joint Secretary (TEL & ICC), M/o HRD
6. Joint Secretary (Admn. & Parl.), M/o HRD
7. JS&FA, M/o HRD
8. Joint Secretary (UGC, ICR, HE Policy, Pvt. Univ. & Deemed Univ.), M/o HRD
9. Joint Secretary (CU), M/o HRD
10. Joint Secretary (Management & Language), M/o HRD
11. Joint Secretary (SE-I), M/o HRD
12. Prof. K. Mangala Sunder, IIT Madras
13. Prof. Jagat Bhushan Nadda, Director, CEC, New Delhi
14. Shri Diptiman Das, CMD, M/s EdCIL (India) Ltd.
15. Prof. Kushal Sen, IIT Delhi
16. Prof. Ravi Soni, IIT Delhi
17. Prof. Uma Kanjilal, IGNOU, New Delhi
18. Prof. C. B. Sharma, Chairman, National Institute of Open Schooling (NIOS), New Delhi.

19. Prof. Amarendra P. Behera, NCERT, New Delhi
20. Prof. Pankaj Mittal, University Grants Commission (UGC), New Delhi
21. Prof. Andrew Thangaraj, NPTEL, Electrical Engineering, IIT Madras
22. Prof. P. D. Jose, IIM Bangalore
23. Prof. Sudhindra Nath Panda, Director, NITTTR Chennai
24. Dr. Manpreet Singh Manna, Director, AICTE, New Delhi

Copy for information to:-

1. Ms. Malathi Narayanan, Deputy Secretary (ICT), M/o HRD
2. Shri Parameswaran N., Advisor, NMEICT M/o HRD
3. Shri Ghanshyam Das, Project Manager (NMEICT)



सत्यमेव जयते

## **Minutes of the 8<sup>th</sup> SWAYAM Board Meeting held on 10.09.2018**

The 8<sup>th</sup> Meeting of the SWAYAM Board was held under the Chairmanship of Shri R. Subrahmanyam, Secretary (HE), M/o HRD on 10.09.2018. List of Participants is enclosed.

2. The status of SWAYAM Courses that was placed before the Board is summarized below:

• Total Courses	:	1551
• Active Courses	:	643
• Courses Completed	:	874
• Upcoming Courses	:	34
• Students Registered	:	23,41,812
• Students Enrolled for courses	:	37,57,083

It was noted that there have been additional enrolment of 2 lakh learners since the last month review. There are average 3,135 learners per course. However, there are 132 courses which are having less than 500 learners, which is a cause of concern. The NC-wise details are in **Annexure - 1**.

3. The following was the action taken on the decisions of the 7<sup>th</sup> SWAYAM Board Minutes:

(i) **Awareness Creation & Publicity:**

- Workshops were held by UGC and NIOS which were reported to be highly successful.
- UGC also informed that the posters will be dispatched to Universities immediately by end of this month.
- UGC was also requested to provide the complete status regarding the number of Courses adopted for credit transfer: Total Number of student benefited from credit transfer, process of credit transfer in the 106 Universities/ Institutions which have approved the credit transfer of SWAYAM courses. This may be ensured by UGC at the earliest.

(ii) **Gap/ Unavailability of Courses :**

Among the existing courses on offer in the SWAYAM platform by UGC and CEC, it has been noticed that no courses are available for some of the major areas/fields of study. This makes it difficult for the Universities/Institutions to adopt SWAYAM courses as part of their UG/PG curriculum.

- It was decided that UGC/AICTE will identify and prepare courses for these gap areas which are essential for the UG/PG to earn a degree; and report in the next Board meeting.
- All NCs will send the list of courses for the January, 2019 semester, latest by 20<sup>th</sup> September 2018.

**(iii) Application Service Provider (ASP):**

M/s Persistent Systems made a presentation on ASP transition and cost optimization. Board requested NPTEL to make a detailed youtube video and presentation on how to use new features like Google Discussion Forum in SWAYAM.

Board requested Prof. Andrew Thangaraj to present the Cloud Transition progress report of CtrlS evaluated by Technical Expert Committee in the next SWAYAM Board meeting.

**(iv)SWAYAM 2.0:**

Board requested IIT Madras to prepare a concept paper on SWAYAM 2.0 and circulate to all NCs before 20<sup>th</sup> September 2018. All NCs were requested to meet and discuss on the SWAYAM 2.0 approach. A workshop for the same shall be organized at 11.00 am on 1st October 2018 at AICTE HQ New Delhi. The consensus arrived at shall be presented in next SWAYAM Board meeting.

4. Other decisions:

- a) The recommendations made by the review committee of courses with less than 500 enrolments were discussed and approved, with the modification that the minimum number may be left at 500. It was also decided that the Committee may review the courses with less than 500 enrolments and present report on individual courses in the next meeting.
- b) On the **proposal from University Of Hyderabad for offering of MOOCs on Commercial Basis**, it was felt that more clarity is required on the proposal before Board can take a call on the same. It was decided that UGC would request University of Hyderabad to make a detailed presentation and evaluate the same. JS (TEL&ICC) and other concerned officers from MHRD would also attend the presentation.
- c) On the **Proposal for Social Media Campaign for SWAYAM**, the proposal of M/s EdCIL(India) Ltd for carrying out the Social Media campaign for SWAYAM at a cost of Rs.28,03,500 was approved. EdCIL would follow the government norms including GFR in its activities.
- d) **List of Courses on offer for January, 2019 Semester courses** will be finalised and submitted to the Board in next SWAYAM Board meeting. The courses may be classified programme-wise (BA ,MA ,BSc., MSc. Subject /Area) etc.
- e) The guidelines for preparation of Question paper and Evaluation prepared by the CEC were circulated to all Board members and it was decided that this shall be taken as suggestions by the NCs.

5. **Presentation on AI in education** :Prof. P.D. Jose made a presentation on AI in Education. The sub domains of AI where it is directly influencing education and learning sciences. The subdomains are:

- Intelligent Tutoring Systems, Personalized Learning, AI-Tutor/Teaching Assistant

- Adaptive Learning Approaches
- Natural Language Processing, Chatbots or Conversational AI
- Big Data, Educational Data Mining, High-Performance Computing

As a follow up to the August workshop conducted at IIM Bangalore with key players in the industry, a three-step follow is now proposed.

- To experiment with an AI-based tutor for at least one course using IBM Watson (to be implemented before 2019)
- Also, create use case scenarios for AI-based tools for adoption on the SWAYAM platform
- A complete integration of an AI-based layer for SWAYAM would be attempted by June 2019

Secretary (HE) desired that by July 2019, AI layer for SWAYAM should be implemented.

**6. Organising examinations for July 2018 semester courses:** For the July 2018 semester courses, the Board felt that the modalities for organising examinations should be finalised before the next Board meeting.

The Board authorized a committee under the chairmanship of Prof. Anil D Shasrabudhe Chairman AICTE along with Dr. N Saravana Kumar JS(TEL&ICC) MHRD, Prof. Andrew Thangaraj IIT Madras, CMD EdCIL, DG NTA, Prof. Uma Kanjilal IGNOU, Prof. Pankaj Mittal AS UGC, Prof. Jagat Bhushan Nadda Director CEC, Prof. C.B. Sharma chairman NIOS, Ms. Malathi Narayanan Deputy Secretary (TEL) and Sh. Parameswaran N Advisor NMEICT (convenor) to take decision on the different aspect of conducting the examination such as online/offline mode, cost, process in conducting examination and other related aspects.

7. The next meeting of the SWAYAM Board would be held at 10.30 hrs on 8<sup>th</sup> October 2018.

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**Annexure-1****National Coordinator Report on SWAYAM Courses**

National Coordinator Name	Total no. of courses produced till date (Also indicate within bracket the credit courses among them.)	Total no. of courses delivered through SWAYAM (a+b) Breakup (a) First Run (b) Re Run	No. of courses that are currently in production	Date of holding the last Academic Advisory Council (AAC) meeting (a) No. of courses examined (b) No. of Courses approved	No. of courses in which exams have been conducted for Credit Transfer / Certificates	No. of Universities that have approved credit transfer.
UGC	91 (60) (49 course for credit and 42 non-credit)	FIRST RUN:- July-Dec17- Total 60 course July-Dec, 18:- 31 Re-purp. +16 Re-run	59 (48 New + 11 Invited)	3 <sup>rd</sup> Meeting 13.06.2018	7 (During the session July-Dec-17)	63 University. Reduced to 63 from 66.
CEC	162 (160) Credit Courses	192 (a) 54 (b) 23 (c) 115 Courses are being offered on SWAYAM (including 22 rerun courses)	130 (50 Repurpose + 80 Fresh)	19 <sup>th</sup> March, 2018 23 <sup>rd</sup> March, 2018 159 Examined 80 (102) Approved	1 Course. (Exam for 3 more Courses are scheduled for September, 2018)	17 Univ.
NPTEL	482	740 (a) 482 First Run (b) 258 Rerun	156 (to be offered in July 2018 - new courses)	04 <sup>th</sup> August, 2018	740 upto April, 2018	26 Institutions
IIM B	26 (All Credit)	26 (a) 17 First Run (b) 09 Rerun	7	AAC not held Planned in August, 2018	18	-
IGNOU	14	22 (a) 11 First Run (b) 11 Rerun	44 (31 IGNOU, 13 Other Univ.)	Held on 18 <sup>th</sup> April, 2018 (a) No. of courses examined: 32 (b) No. of Courses approved: 24 (in principle)	-	-

<b>NCERT</b>	20	24 (a) 8 First Run (b) 16 Rerun	24	23 <sup>rd</sup> March 2018 (2 <sup>nd</sup> meeting) 20 Courses examined 4 Proposals examined 20 Courses approved 2 Proposals approved	-	-
<b>AICTE</b>	12	12	12	20 <sup>th</sup> March, 2018	-	-
<b>NITTR</b>	16 (All are credit courses)	1 Running 6 Opened for Registration	19	6 <sup>th</sup> December, 2017 43 Examined 35 Approved	-	-
<b>NIOS</b>	19 All Credit	Total 40 (a) 22 First Run (b) 18 Re-run	8+3 =11 For January, 2019	30 <sup>th</sup> January, 2018 <b>10<sup>th</sup> August, 2018</b> 52 Examined 52+3=55 Approved	17 (14 Sec + 3 D.El.Ed.	-

<b>Enrollment of July, 2018 Semester Courses 6th September, 2018</b>						
<b>NC Name</b>	<b>Total Courses</b>	<b>Total Enrollments</b>	<b>Average Enrollments per course</b>	<b>Courses Enroll. ≤ 500</b>	<b>Courses Enroll. 500 &lt; 1000</b>	<b>Courses Enroll. ≥ 1000</b>
UGC	47	32913	700	20	21	6
CEC	117	84904	725	57	34	26
NPTEL	270	1468507	5438	7	33	230
IIM B	8	7840	980	2	2	4
IGNOU	13	14469	1113	1	4	8
NCERT	20	21596	1079	5	7	8
NIOS	34	9702	285	31	2	1
NITTR	10	5574	557	6	2	2
AICTE	7	3965	566	3	4	0
	<b>526</b>	<b>16,49,470</b>	<b>3135</b>	<b>132</b>	<b>109</b>	<b>285</b>

<b>Comparison between 5<sup>th</sup> July, 2018 , 8<sup>th</sup> August, 2018 and 6<sup>th</sup> September, 2018</b>						
<b>NC Name</b>	<b>Enroll. 5<sup>th</sup> July, 2018</b>	<b>Enroll. 8<sup>th</sup> August , 2018</b>	<b>Enroll. 6<sup>th</sup> September, 2018</b>	<b>Average Enroll. per Course: 5<sup>th</sup> July, 2018</b>	<b>Average Enroll. per course: 8<sup>th</sup> August, 2018</b>	<b>Average Enroll. per course: 6<sup>th</sup> September, 2018</b>
<b>UGC</b>	5823	23815	32913	129	506	700
<b>CEC</b>	16886	49882	84904	170	430	725
<b>NPTEL</b>	475307	1333530	1468507	1766	4939	5438
<b>IIM B</b>	3352	5811	7840	419	726	980
<b>IGNOU</b>	8088	11593	14469	622	891	1113
<b>NCERT</b>	8633	13313	21596	431	665	1079
<b>NIOS</b>	1840	7802	9702	54	229	285
<b>NITTTR</b>	464	684	5574	77	171	557
<b>AICTE</b>	338	2839	3965	67	473	566
<b>Total</b>	<b>5,20,731</b>	<b>14,49,269</b>	<b>16,49,470</b>	<b>1043</b>	<b>2792</b>	<b>3135</b>



## **Annexure**

### **List of Participants who attended the 8<sup>th</sup> SWAYAM Board Meeting held on 10.09.2018**

1. Shri R. Subrahmanyam, Secretary (HE), M/o HRD - **Chairman**
2. Prof. Anil D. Sahasrabudhe, Chairman, AICTE, New Delhi - Member
3. Dr. N. Saravana Kumar, Joint Secretary (TEL & ICC), M/o HRD - Member
4. Shri Diptiman Das, CMD, M/s EdCIL (India) Ltd. - Member
5. Prof. K. Mangala Sunder, IIT Madras - Member
6. Prof. Jagat Bhushan Nadda, Director, CEC, New Delhi - Member
7. Prof. Uma Kanjilal, IGNOU, New Delhi - Member
8. Prof. C. B. Sharma, Chairnan, NIOS, New Delhi - Member
9. Prof Amarendra P. Behera, Joint Director, CERT, New Delhi - Member
10. Prof. Pankaj Mittal, AS, UGC, New Delhi - Member
11. Prof. Andrew Thangaraj, NPTEL IIT Madras - Member
12. Prof. P. D. Jose, IIM Bangalore - Member
13. Prof. Sudhindra Nath Panda, Director NITTTR Chennai - Member
14. Dr. Manpreet Singh Manna, Director AICTE, New Delhi - Member
15. Ms. Malathi Narayanan, Deputy Secretary (TE), M/o HRD
16. Shri Anil Kumar, Director (Finance), M/o HRD
17. Shri S. K. Prasad, Director, NIOS, New Delhi
18. Dr. Yash Paul Sharma, Consultant (ICT), CIET, NCERT, New Delhi
19. Prof. Nageshwar Nath, Joint Director, CEC, New Delhi
20. Dr. Diksha Rajput, Publication Officer, UGC, New Delhi
21. Shri Abishek Kumar Anand, Project Officer, UGC, New Delhi
22. Dr. G. Janardhanan, Associate Professor, NITTTR Chennai
23. Prof. Prathap Haridoss, NPTEL, IIT Madras
24. Ms. Bharathi, NPTEL, IIT Madras
25. Shri Amit Tatke, Program Manager, M/s Pesistent Systems Limited
26. Shri Mahesh Kothari, Delivery Partner, M/s Persistent Systems Limited
27. Shri Tushar Jangle, Enterprise Architect, M/s Persistent Systems Limited
28. Shri S. P. Kulsari, Consultant, AICTE, New Delhi
29. Shri Sandeep Kumar, Sr. Software Developer, AICTE, New Delhi
30. Shri Parameswaran N., Senior Consultant (NMEICT), M/o HRD

30. Shri Parameswaran N., Senior Consultant (NMEICT), M/o HRD
31. Shri Harsha Vardhan Mathpal, Consultant (NMEICT), M/o HRD
32. Shri Pritosh Kumar, ASO, M/o HRD
33. Md Saleh Nadim, ASO, M/o HRD
34. Shri Ghanshyam Das Devnani, Project Manager (NMEICT), M/s EdCIL (India) Ltd.
35. Shri Harshit Aggarwal, MT, M/s EdCIL (India) Ltd.
36. Shri Nikhil Mahajan, MT, M/s EdCIL (India) Ltd.