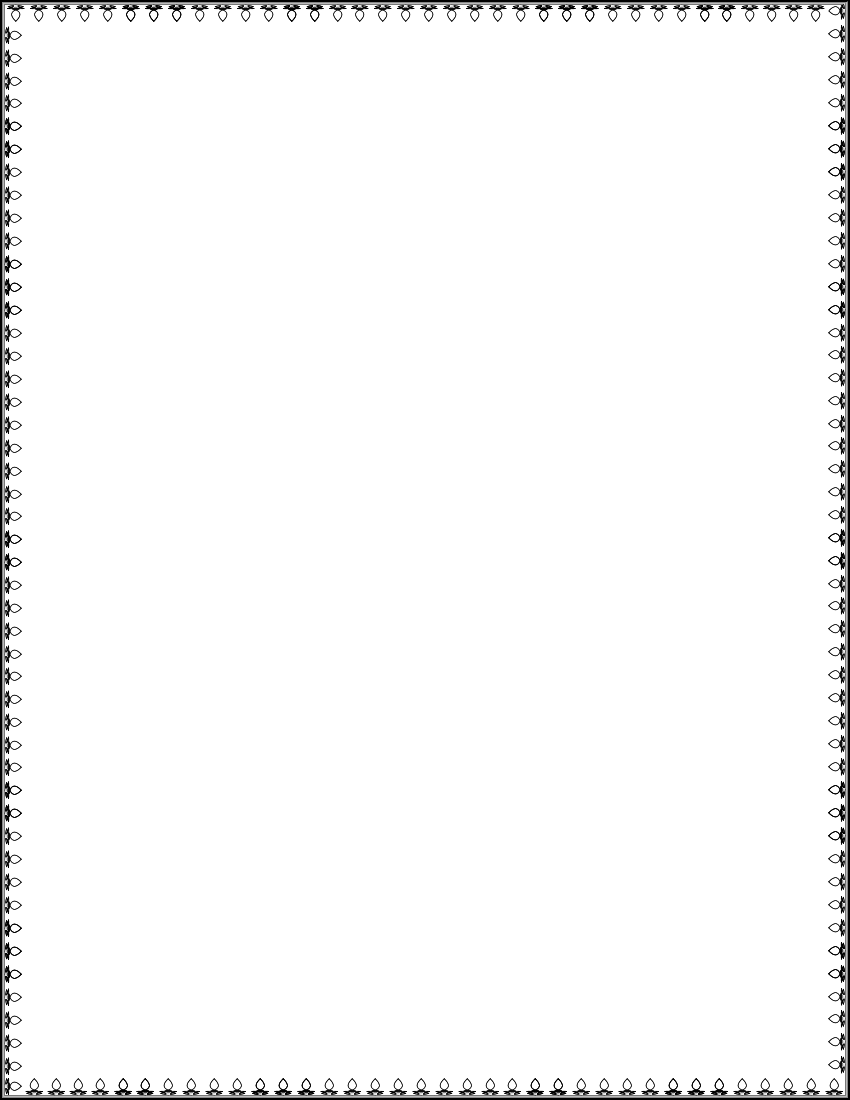
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**Agenda Papers**

**First Meeting**

**SWAYAM BOARD**

**14 November 2017**

**Ministry of Human**

**Resource Development**

**Shastri Bhawan**

**New Delhi-110001**

**AGENDA**

1st meeting of the SWAYAM Board

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**Agenda Item No.1**

**Status Report on SWAYAM & MOOCs**

**Purport**

1. The objective of this note is to present the status report on SWAYAM & MOOCs.

**Background**

1. Ministry of HRD, has embarked on the major initiative called SWAYAM, which provides one integrated platform and portal for online courses, using information and communication technology and covering learners from Schooling, class 9 to 12; Under Graduates& Post Graduates, in all subjects, to ensure that the every student in our country has access to the best quality of higher education at the affordable cost.
2. The Standing Finance Committee (SFC) in its meeting held on 16th December 2015, at MHRD, approved the SWAYAM, MOOCs development & delivery with a budget of Rs. 439 Crores. The SFC approved the SWAYAM for the period 2015 till 31st March 2017.Out of the approved budget of Rs. 439 Crores, an amount of Rs.135 Crores has been released / utilized, so far.
3. MHRD has constituted, National MOOCs Coordinators (NMCs), numbering 9 that have been entrusted with the responsibilities to ensure MOOCs are developed & delivered in various disciplines. The NMCs are ‘University Grants Commission’; NPTEL Group; Consortium for Education Communication (CEC); Indira Gandhi National Open University (IGNOU; NCERT; National Institute of Open Schooling (NIOS); Indian Institute of Management (IIM), Bangalore; National Institute of Technical Teachers Training & Research (NITTTR), Chennai and All India Council of Technical Education (AICTE)
4. The MHRD has developed a detailed “Guidelines for developing Online Courses for SWAYAM, on 11th March 2016 & 1st June 2017”. Funding for development & delivery of MOOCs is being provided by MHRD through NMCs.
5. The courses hosted on SWAYAM are developed in 4 quadrants – (i) e-Tutorial: video lecture (using audio-video, multi-media, animation and state of the art pedagogy / technology), (ii) e-Text: specially prepared reading material that can be downloaded / printed (iii) Discussion forum: for raising doubts and clarifying them on a near real time basis by Course Coordinator or his team and (iv) Assignments: which shall contain; Problems and Solutions, Matching Questions, Short Questions, Long Questions, Assignments and solutions, Assignments are checked & assessment/ feedback made available to registered students.
6. Development of SWAYAM Platform has been entrusted to ‘All India Institute of Technical Education (AICTE)’, who has got Phase-I SWAYAM platform developed, with a number of features, in a record time. With additional features, the Phase-II, SWAYAM has also been delivered on 27th June 2017. SWAYAM is intended to host about 2000 courses and 80000 hours of learning material, within 2-3 years, covering school, under-graduate, post-graduate, engineering, law and other professional courses. The AICTE is also hosting the entire content on ‘SWAYAM Cloud’, which is expected to grow and support about 3 Crore users with a 10 lakh concurrent connections, in a few years.
7. UGC and AICTE have issued ‘Credit Framework for online learning courses through SWAYAM, Regulation 2016’ (http://www.ugc.ac.in/pdfnews/0272836\_moocs.pdf); allowing upto 20% Online courses taken through SWAYAM, to be counted for credit. Grades earned by successful students studying in conventional Institutes shall be transferred to the academic record of such Students
8. Hon’ble President has on 9 July 2017 launched SWAYAM from Vigyan Bhawan in a function attended by about 700 Vice Chancellors & Directors of Institutes; the URL of SWAYAM portal is “[https://swayam.gov.in](https://swayam.gov.in/)”.
9. A number of universities & IITs, through their ‘Academic Councils’, have already approved a number of Courses on SWAYAM for the purpose of counting credits, as per the regulations on this issued by the Government and the list of such universities/ institutions is growing.
10. The Video’s from Online Courses, available on SWAYAM platform, shall also be used for transmission in ‘SWAYAM Prabha’ (the 24X7, 32 educational DTH channels already launched by the MHRD on 15th August 2016, using G-SAT-15 Satellite). Attempt shall be made to synchronize course scheduling on SWAYAM Prabha channels with the courses delivered on SWAYAM platform.
11. SWAYAM courses are now open to foreign students also, however credits transfer, if any, to such students shall take place through Local partner(s) only.
12. By the end 2017, it is scheduled that some of the MOOCs content on SWAYAM, including the ‘Transcription of Video’s’, shall be text translated into best of the 10 regional languages and learners can select a language in video subtitle mode, so that learn a course better in their local language.
13. In accordance with the instruction F. No. 42(02)/PF- II/2014, issued by Ministry of Finance, Department of Expenditure, all schemes till 30 September, 2017 were to be appraised by third party. MHRD engaged NASSCOM for conduct of third party evaluation /review of SWAYAM. NASSCOM has completed the review and has complemented the SWAYAM project and recommended for its continuation.

**SFC Approval**

1. The Standing Finance Committee (SFC) in its meeting held under the Chairmanship of Secretary (HE) on 26th September 2017 approved the continuation of SWAYAM project, MOOCs development & delivery with a budget of Rs. 489.32 Crores for a period from 1st April 2017 till 31st March 2020.
2. The SFC approved the following outputs:
3. Develop 1,350 new MOOCs (in addition to about 650 courses already running) with the help of the selected best teachers.
4. Run at least 6,500 courses (some courses would be offered many times a year) during the period.
5. Make available as many courses as possible in the regional languages; translation of at least 275 MOOCs into 10 Indian languages with Video Subtitle.
6. Maintain the portal and the cloud infrastructure with the State-of-the-Art facilities.
7. Ensure that at least 10 lakh students would be able to access the courses simultaneously.
8. Conduct of examination and award of certificates to participants having successfully completed the course.
9. In order to encourage more students to take to SWAYAM courses, the exam fee for conduct of the exam would be met from the project funds till 31st March 2019 as a one-time measure.
10. To popularize courses on SWAYAM, create SWAYAM local chapters in 10,000 institutions in the Country so that the faculty will use the SWAYAM on a blended mode and thereby improving their own performance.
11. Have a media plan to reach out to the potential students.

1. The Budget approved by SFC for running SWAYAM upto 31st March 2020are as follows :

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Components** | **1.10.17- 31.3.18** | | **1.4.18 – 31.3.19** | | **1.4.19 – 31.3.20** | | **Total** | |
| **Physical** | **Financial**  **(Rs Cr)** | **Physical** | **Financial**  **(Rs Cr)** | **Physical** | **Financial**  **(Rs Cr)** | **Physical** | **Financial**  **(Rs Cr)** |
| MOOCs Development | 250 | 35.7 | 700 | 99.96 | 400 | 57.12 | 1350 | 192.42 |
| MOOCs Delivery | 500 | 6.0 | 2500 | 30.0 | 3500 | 42.0 | 6500 | 78.0 |
| MOOCs Translation | 25 | 3.8 | 100.0 | 15.0 | 150.0 | 22.5 | 275 | 41.3 |
| Platform Maintenance | - | 20.0 | - | 15.0 | - | 15.0 |  | 50.0 |
| Cloud infrastructure, call centre and CDNs |  | 20.0 |  | 30.0 |  | 40.0 |  | 90.0 |
| Reimbursement Examination Fee | - | 2.1 | - | 3.1 | - |  |  | 5.2 |
| SWAYAM Board Secretariat (PMU) for monitoring the scheme @3% | - | 2.8 | - | 5.9 | - | 5.2 |  | 13.9 |
| Advertisement and publicity @ 3 % |  | 2.8 |  | 5.9 |  | 5.2 |  | 13.9 |
| SWAYAM local chapter @1% |  | 0.9 |  | 2.0 |  | 1.7 |  | 4.6 |
| **TOTAL** |  | | | | | | | **489.32** |

**Agenda Item No.2**

**Status Report from AICTE on SWAYAM Platform and Cloud Infrastructure**

**1. SWAYAM PLATFORM**

**1.1** **STATUS OF DEVELOPMENT OF IT PLATFORM**

MHRD vide OM No.8-26/2014-TEL (Pt).), dated 21st March, 2016 decided to entrust the work of developing the national platform for hosting SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds) MOOCs Courses to AICTE. AICTE was made the Project Implementing Agency for SWAYAM Project and entrusted with the responsibility of procuring required resources, developing the portaland to continue to maintain and operationalise the platform. For finalizing the modalities of implementation of SWAYAM Project to meet the timelines of the project, Management Committee and Technical Committee were constituted, which was later on named as “Joint Committee”. The Joint Committee in its 9th Meeting held on 9th June, 2016, based on the vetting of commercial and legal documents, awarded the Service Contract for development of SWAYAM Platform to M/s. Microsoft Corporation India (Pvt. ) Ltd. (MCIPL) at a total cost of Rs.37,99,73,585/- (excluding the applicable taxes) including the cost of PMC of Rs.7,31,23,550/- (excluding Taxes) for Cloud Platform Package.

The important ingredients of the SWAYAM Project are given as under:

**Hiring of Manpower for Development of SWAYAM Platform**

After the approval of the Joint Committee to award the work of development of SWAYAM MOOCs Platform to M/s. Microsoft Corporation India (Pvt.) Ltd., AICTE-SWAYAM Project Cell hired the services of competent and efficient Software Developers through NICSI, in terms of the provisions of the OM dated 21.3.2016 issued by MHRD for development of SWAYAM Platform. As on date, there are five (5) Software Developers working for the project. One software Developer left the assignment during the month of March 2017. The next phase of interviews for Software Developers would be undertaken shortly since the empanelment of Vendors is under finalization of NICSI.

**Use of Azure Cloud Services for SWAYAM**

Immediately after the initiation of first phase of the SWAYAM Project, as approved by the Joint Committee of SPC, the Azure Cloud Services were availed from M/s. Sparta through NBA. These services were earlier extended till September 2017. However, since the Cloud Service Provider selected for the purpose has not been able to integrate and migrate the Cloud Services on new environment till date, MHRD was requested to take up the matter with NBA to extend the services for a further period of three months i.e. upto December, 2017.

**Use of CDN Services for SWAYAM**

Content Delivery Networks or CDNs are the web applications, media and software delivery, and cloud security solutions required for the SWAYAM Platform. As the world’s largest and most trusted cloud delivery platform, delivering 95 Exabyte’s of data a year across billions of devices, **Akamai** makes it easier to provide the best and most secure digital experiences on any device, anytime, anywhere. With the broadest array of best-in-class cloud delivery products and services, including superior web performance, cloud security, enterprise access, and video delivery solutions – all underpinned by exceptional customer service and 24/7 monitoring, **AICTE awarded the Contract for providing CDN services of AKAMAI to M/s. Siffy Technologies through NICSI initially for one year w.e.f. August, 2016. The same has been extended for another one year upto August 2018 on expiry of the one year contract through NICSI.**

**Bulk e-mail and SMS Services for SWAYAM**

AICTE awarded the contract of bulk e-mail services to M/s. Netcore Solutions after following the prescribed procedure of calling the sealed quotations through the empanelled vendors of DAVP. The services of this agency have now been extended for further one more year.

**Publication of e-Bids by SWAYAM Project Cell first time in AICTE**

It was the first exercise initiated by SWAYAM Project Cell to publish the e-bids in the e-procurement System of Government of India through Central Public Procurement Portal (CPPP) at eprocure.gov.in. Subsequent to this, AICTE has been publishing all its tenders on CPPP as e-tenders.

**Appointment of Project Management Consultants for Finalization of MSP/CSP and Helpdesk Services Provider for SWAYAM**

With the approval of Joint Committee of SPC, M/s. PwC were appointed as the Project Management Consultants for finalization of the Bidders for Cloud Service Providers and the Helpdesk Services Provider. M/s PwC has finalized both CSP and Helpdesk Services.

**RELEASE OF GRANT BY MHRD FOR DEVELOPMENT OF “SWAYAM” PLATFORM**

The Ministry of MHRD had released an amount of Rs.51,00,15,000/- for implementation of the SWAYAM Project during the year 2016-17 under Major Head 601.36 –PLAN (SWAYAM). Out of this grant, AICTE has utilized an amount of Rs.42,33,27,126/- upto 31st March, 2017 and there remains a balance of Rs.8,77,03,802/- (Recurring nature) unutilized as on 31.3.2017.

AICTE has sought further grant of Rs.50.00 Crore for 2017-18 out of which MHRD has released Rs.6.50 Crore as Grant being of Non-Recurring Nature vide Sanction Letter dated 11th August, 2017. With the approval of MHRD, an amount of Rs.20.00 Crore of Non-Recurring Nature has been taken as loan from AICTE to be adjusted on receipt of Grant from MHRD. The Joint Committee of SPC had approved a total grant of Rs.150 Crore for three Financial Years i.e. 2017-18, 2018-19 and 2019-20 @ Rs.50.00 Crore per FY.

**Appointment of AICTE as National MOOCs Coordinator**

Vide Order No.8-26/2014/TEL, dated 2nd August, 2017 issued by Government of India, Ministry of Human Resource Development, Department of Higher Education, TEL Division, New Delhi, AICTE has been appointed as National MOOCs Coordinator for all courses that do not fall in the purview of any of the existing NCs, including foreign university courses as per the Terms of Reference (Order No.8-26/2014-TEL, dated 08.03.2016).

**1.2** **CLOUD INFRASTRUCTURE – STATUS REPORT**

**SELECTION OF M/s. CtrlS DATACENTER LTD., HYDERABAD AS MANAGED SERVICE PROVIDER/CLOUD SERVICE PROVIDER FOR SWAYAM PLATFORM**

AICTE has so far been availing the Cloud services from NBA. With a view to have its own Cloud Service, AICTE engaged M/s. PwC as Project Management Consultant to prepare RFP for selection of MSP/CSP. AICTE released the RFP for MSP/CSP on 10th November, 2016 which was later on uploaded on the Central Public Procurement Portal (CPPP). Out of the four bidders who responded to the e-bids, the Financial e-Bid Evaluation Committee in its meeting held on 01.05.2017 recommended M/s. Ctrl S Datacenters Ltd. , as the L-1 bidder for MSP/CSP at a total cost of **INR 16,48,88,888.08/- (exclusive of Taxes)** for a period of three years. Accordingly, **LOI was issued to the party on 12.5.2017**. The Joint Committee in its 26th Meeting held on 24th May, 2017 approved the finalization of award of contract in favour of M/s. Ctrl S Data centre Ltd., Hyderabad. The Vendor is expected to complete the full migration from the MCIPL Platform for integration soon. AICTE would be continuing to avail existing services of Azure Cloud through NBA till the migration of the Cloud Services is successfully completed by M/s. CtrlS Datacenters Ltd. from the environment of M/s. MCIPL to their Cloud environment without any disruption to the SWAYAM Platform. **The** **Purchase Order was issued to M/s. Ctrls Datacenters Ltd. on 3rd August, 2017**, the terms & conditions of which were accepted by M/s Ctrls Datacentres effective from 12.5.2017. It was mentioned clearly in the Purchase Order that “Looking at the criticality of the application functionality, availability and performance, it is imperative that M/s. Ctrls Data Centres Ltd. will have to develop, test and integrate the PaaS services as mentioned in the RFP with the SWAYAM application successfully and demonstrate the same to AICTE on or before 12th August 2017.

However, M/s. Ctrls Datacentre were not able to successfully demonstrate the integration of **PaaS Services** with SWAYAM application on or before 12th August, 2017 despite the complete support provided by AICTE to M/s. Ctrls Datacentres by sharing all relevant documents and SWAYAM application source codes to get the project executed within the defined timelines. Under the circumstances, AICTE issued a letter dated the 5th September, 2017 to M/s. CtrlS DataCentre regarding non-adherence to timelines as per RFP for Cloud Services for SWAYAM. The matter was also brought up before the Joint Committee of SPC in its 28th Meeting held at AICTE HQs, New Delhi on 13th September 2017 wherein the authorized representative of M/s. CtrlS DataCentre also participated.

On the specific request made by the authorised representative of M/s. CtrlS Datacentre to provide further extension of time for completion of demonstration and integration of PaaS services for SWAYAM application, the SWAYAM Project Committee agreed for extension of time up to **5th October, 2017** with the condition that **M/s. CtrlS Datacentre would share their URL with AICTE by 30thSeptember, 2017** positively so that any bug or problem in integration of PaaS services could be detected well before 5th October, 2017***.*** The Committee had further categorically told the authorised representative that **5th October, 2017 would be the final date and no further extension would be given.**  A letter dated 28th September, 2017 was again sent to M/s. CtrlS Datacentre reminding them about the final date of presentation of Integration of PaaS for SWAYAM on or before 5th October, 2017 failing which AICTE would be free to take any appropriate action, as deemed fit, in terms of the provisions of RFP for breach of the Contract for which the party will be solely responsible.

M/s. CtrlS Datacentre gave a demonstration of their PaaS services on 5th October, 2017 but again certain bugs/issues were noticed by SWAYAM team and the said deficiencies were communicated to M/s. CtrlS for resolution. M/s. Ctrls vide their e-mail dated 8th October, 2017 have communicated that out of 7 issues, they have resolved three issues and they are working on the remaining issues.

A meeting has been fixed with M/s. CtrlS Datacentre on 16th October, 2017 at AICTE HQ to know the final outcome of integration of PaaS and migration of Cloud Services into new environment.

It may be worthwhile to mention here that as per **Section 7.4 of RFP** pertaining to Timelines for Completion of the work order and Payment Terms, M/s. Ctrls Datacentres had to complete the Migration of the application on the new Cloud environment within three months from the date of issuance of LOI i.e. 12th May, 2017. However, they have failed to meet the timelines for integration and migration of Cloud Services for SWAYAM application into new environment.

**1.3** **HELPDESK SERVICES PROVIDER FOR SWAYAM**

AICTE floated an e-bid on Central Public Procurement Portal (CPPP) alongwith the leading newspapers on 19th of May, 2017 with the last of receipt of e-bids upto 12th June, 2017 with the help of M/s. PwC, the Project Management Consultant appointed for the purpose. Out of two bidders, only one bidder viz. M/s. Cyfuture India Pvt. Ltd. qualified in PQ. On the recommendations of the Technical e-Bid Evaluation Committee and Financial e-Bid Evaluation Committee, M/s. Cyfuture India Pvt. Ltd. was recommended as L-1 Bidder. With the approval of the Competent Authority, the letter of Intent (LOI) has been issued to the Bidder on 17th August, 2017. M/s. Cyfuture India Pvt. Ltd. has given the acceptance to the terms & conditions of the LOI on 18.8.2017. The Transaction Plan has been received from M/s. Cyfuture India Pvt. Ltd. vide their e-mail dated 28th August, 2017 to complete the Knowledge Transfer (KT) within 21days. Toll Free No. **1800-121-9025** has been accepted by AICTE for the purpose.

**2.** **Courses and Conduct of Examinations**

**2.1** **Status Report of SWAYAM**

The soft launch of “SWAYAM MOOCs” Platform was held on 15th August, 2016 and after completion of first phase of the Project, the Platform has been declared “go live” w.e.f. 16th November, 2016. The Second phase of the project has also been completed on 7th June, 2017 and the same has been declared **“go-live”** w.e.f. 7th June, 2017 itself.

**Status of Courses (as on 11-10-2017)**

* Total  Courses : **751**
* Active Courses including self-paced : **339**
* Courses Schedule completed : **351**
* Upcoming courses :  **61**
* Total no of Registered students : **251654**
* Total No. of enrolled Students : **138618**

in current Courses

The above courses are available through the following NCs:

* AICTE Course : 5
* CEC Course: 76
* IGNOU Course : 14
* IIMB Course: 15
* NCERT Course: 16
* NIOS Course: 31
* NPTEL Course: 483
* UGC Course: 111

3.3 **Plan of Action by each Nation Coordinator on New Course**

Plan of Action is being chalked out by AICTE subsequent to its appointment as NC.

3.4 **Calling of New Courses from Private Institutions and Others**

AICTE has invited **Expression of Interest (EOI) and Proposals** from **all Private Universities and other Educational Content Developers** all over the Country for creation of new courses in Engineering and Technical disciplines for SWAYAM MOOCs Platform. Proposals are also invited for inter-disciplinary Courses for self-paced learning in various areas, like, Yoga, GST, Economic Survey, Skill Development, Panchayati Raj, etc. from different Government Departments/Ministries/Autonomous Bodies/Institutions in India. The last date of receipt of proposals was 30th September, 2017. About 17 proposals have been received by the due date. The proposals would be screened and processed as per SWAYAM MOOC guidelines.

3.5 **Acceptance of Courses from the foreign Universities-MoU with British Council**

After the signing of MoU with British Council, the following Self Paced Courses prepared by British Council have been published in SWAYAM Platform:

1. Critical Thinking

2. Environment Natural Resources and Sustainable Development

3. Understanding Autism, Aspergers and ADHD

4. Bridging the Dementia Divide

5. Cultural Studies

**YOGA COURSES :**

Vide Order No.8-26/2014/TEL, dated 2nd August, 2017 issued by Government of India, Ministry of Human Resource Development, Department of Higher Education, TEL Division, New Delhi, AICTE has been appointed as National MOOCs Coordinator for all courses that do not fall in the purview of any of the existing NCs, including foreign university courses as per the Terms of Reference (Order No.8-26/2014-TEL, dated 08.03.2016). MHRD vide letter No.16-6/2017-TEL, dated 07.08.2017 issued by Deputy Secretary (TE) forwarded the proposal received from **SWAMI VIVEKANANDA YOGA ANUSANDHANA SAMSTHANA (SVYASA), BANGALORE** to AICTE for processing their proposal for creation of online “Yoga Instructor Course” in terms of appointment of AICTE as NC.

**MoU with SWAMI VIVEKANANDA YOGA ANUSANDHANA SAMSTHANA (SVYASA) , BANGALORE FOR CREATION OF ONLINE “YOGA COURSES”**

The matter was taken up with **SVYASA,** Bangalore in the above direction. **SVYASA** offered creation of a total number of **17 (Seventeen)** online Courses as part of the **Yoga Instructor’s Course for SWAYAM.** As a pre-requisite, **Memorandum of Understanding (MoU)** was got signed/entered with SVYASA by AICTE. **SVYASA** submitted an estimated cost of **Rs.3,74,93,750/-(**Rupees Three Crore Seventy Four Lakh Ninety Three Thousand Seven Hundred & Fifty only) towards development of above 17 online Yoga Courses. SVYASA vide their letter No.Ch/SVYASA/AICTE/SWAYAM/1010, dated 10-10-2017 requested AICTE for release of Seed Money to the extent of Rs.50.00 Lakh to start the development and creation of online “Yoga Instructor Course” for SWAYAM. After the pre-audit of the proposal received from **SVYASA** and with the approval of the Competent Authority, an amount Rs.50.00 Lakh **(Rupees Fifty Lakhs only)** has been released by AICTE to **SVYASA as Seed Money**  from SWAYAM Fund of Recurring Nature towards creation of online “Yoga Instructor Course” for SWAYAM.

In terms of the MoU, the Competent Authority at AICTE has constituted a **Joint Working Group (JWG)** comprising the following members:

**FROM S-VYASA**

1. Dr. H.R. Nagendra, Chancellor, **- Chairman**
2. Dr. R. Venkataram, Vice President,
3. Mr. Ravi Tumuluri, Director, KSDPL,

**FROM THE AICTE SIDE**

1. Prof. M.P. Poonia, Vice Chairman,
2. Dr. M.S. Manna, Director (SWAYAM)/PMSSS
3. Dr. Sunita Siwach, Jt. Secretary, UGC

The above JWG will meet on a bi-yearly/annual basis virtually or in person as the case may be. The first Meeting of JWG will be scheduled very soon for which necessary communication would be sent to the members in advance.

This is for information of SWAYAM Board.

**Agenda Item No.3**

**Conduct of Examination for Credit Transfer Courses**

**Purport**

1. The objective of this note is to finalize the procedure for conducting the examination for Courses in which transfer of credit is to take place from host to parent University and reimbursement of the cost of conducting the examination to the host and parent universities

**Background**

1. The Online Scheduled Courses on SWAYAM are of two types: Credit Courses and Non Credit courses. In the Credit courses, Credits are transferred to the student. The Institutions shall with the approval of their Competent Authority decide upon the courses which it shall permit for credit transfer.
2. Course Coordinator is first required to clear the course from Academic council of his University / Institute (termed as Host Institute) so that the certificate of completion and credits issued by the Host University/Institute can be transferred to the Parent University/Institute and credited to the students.
3. The Course Coordinator will evaluate the papers and result should be submitted by the Controller of Examination of the Host University/Institute, to the Controller of Examination of the Parent University/Institution for transfer of credit into the Academic record of the students. The Host University /Institute shall award credits/marks/grade within 4 weeks from the date of final examination as per the Credit Framework scheme. These credits issued by Host University/Institute will be used in student(s) overall valuation.
4. The SFC in its meeting held on 26th Septembe4 2017 has approved a budget of Rs. 5.2 Cr towards reimbursement of cost of conducting examinations upto 31st March 2019.

**Procedure**

1. Procedure for Conduct of Examination for Credit Transfer Courses are as follows :
2. On successful completion of each credit course on SWAYAM there would be a proctored final examination executed in Pen and Paper mode.
3. The examinations would be held in the parent universities from which students have opted for credit transfer of the course.
4. The NMC and the Course coordinator shall finalize the exam date in consultation with the parent universities.
5. The exam question paper shall be prepared by the course coordinator and send well in advance to the parent universities
6. The parent universities would conduct the examination on the scheduled date and time.
7. The parent universities would send the answer papers to the course coordinator soon after the exam.
8. The course coordinator would evaluate all the answer papers, award the credit and convey the same to the parent universities through the host university.
9. The NMC would reimburse the cost of conducting the examination to the host and the parent universities.
   1. The reimbursement to the host university would be towards preparing the question paper and evaluation of answer books, as per UGC or any other standard norms
   2. The reimbursement to the parent universities would be towards conducting the exam, depending upon the number of students, as per UGC or any other standard norms.

**Approval sought**

1. **Approval of the Board is sought on the procedure above described at Para 6, for conducting the examinations for the Credit transfer courses and reimbursement of cost of conducting the examinations to the host and the parent universities.**

**Agenda Item No.4**

**Setting up of Local Chapters at Universities/ Institutions/ colleges.**

**Purport**

1. The objective of this note is to seek approval for Setting up of Local Chapters at Universities/ Institutions/ colleges.

**Background**

1. SWAYAM shall promote local chapter as means of advancing its mission, increasing reach, interact with students & teachers and preparing a strong learner base. National MOOCs Coordinators and participating Institutions of SWAYAM can form local chapters.
2. There are many things that can be accomplished on a local level much more effectively. Local chapters shall serve as a venue for students and teaching community members to get together, exchange views, local educational seminars workshops and promotional activities.
3. Local chapters can help in doing specific surveys and studies in localized manner, as they are more aware of the needs that are unique to local community and region.
4. Local chapters involves in organizing local events and spreading the word of SWAYAM and MOOCS. They also provide the volunteer community and potential partners and supporters with a point of contact capable of fulfilling specific local needs within a specified geographical region.
5. Activities under SWAYAM Local Chapters would include:
   1. Sign up new members.
   2. Discuss the SWAYAM mission and goals.
   3. Disseminate a schedule of events
   4. Receive suggestions for improvement.
   5. Form local committees for specific activities.
   6. Generate enthusiasm for usage of SWAYAM and MOOCs locally
6. The local chapters have played a significant role in the success of NPTEL. Since NPTEL covers Engineering subjects, they are mostly in the Engineering colleges. The existing NPTEL local chapters would be covering SWAYAM also by suitable augmentations. In the uncovered geographical areas new local chapters would be set up.
7. The SFC in its meeting held on 26th September 2017 has approved a budget of Rs.4.6 cr (upto 31st March 2020) for setting up and running local chapters.
8. It is proposed to set up SWAYAM Local Chapters on the same lines as NPTEL local chapters and also to augment existing NPTEL local chapters for handling SWAYAM and MOOCs.
9. The local chapters can be coordinated by AICTE

**Approval Sought**

**Approval is sought for setting up of SWAYAM Local Chapters across the country on the pattern of NPTEL local chapters and suitably augmenting existing NPTEL chapters for handling SWAYAM and MOOCs. The local chapters could be coordinated by AICTE**

**Agenda Item No.5**

**Norms for Payment of Honorarium for Running MOOCs**

**Purport**

1. The objective of this note is to fix the norms for payment of Honorarium to the teachers for running MOOCs.

**Background**

1. The courses in the SWAYAM are of two categories – Scheduled courses and Self paced courses. The Scheduled courses are further two types – One that results in award of certificates only and other that would result in transfer of credit also.
2. The courses have different components like video, tutorials, assignments and tests.
3. The cost norms in the guidelines for MOOCs have separate components for production and running of MOOCs. The Honorarium to the teacher for running a MOOC is Rs.1.0 lakh.
4. During a period November 2016 to August 2017, Total Courses Delivered were 263 and total Learners were 43,118. However, it is noticed that out of 263 MOOCs delivered, Seven (**7**) Courses have **Zero** enrolment, **24** courses have enrolment upto **5**; **42** Courses had enrolment of **6-20**; **43** Courses had enrolment of **21-50** and 31 Courses have enrolment from 51-100 i.e., 96 Courses have less than 50 enrolments & **127** Courses have less than **100** enrolments, at the same time **59** Courses are having a enrolment of **250** or more.
5. Further, out of 263 Courses run in November 2016 to August 2017, almost none of the Course Coordinator has conducted an End Examination, nor has any Credit been so far transferred under MOOCs on SWAYAM to any student. It has also been observed that 188 Courses are found to have Zero tests; 213 Courses are having zero (0) Assignments. 3 Courses have no Introductory Video’s; 51 Courses have less than 20 Tutorials

**Factors that impact determination of Honorarium**

1. The efforts from the teacher widely vary depending upon the following:
   1. A self paced course requires minimum or no contribution from teacher for running the course
   2. A credit transfer course requires maximum effort as the course coordinator/teacher has to comply with all the host university norms, conduct exams, award credit etc.
   3. The effort is also proportional to the number of students enrolled. While fixing the norms for Honorarium a minimum of 500 enrolments has been assumed

**Proposal**

1. In view of the above, the following norms are proposed for payment of Honorarium for running of MOOCs:
   1. For MOOCs with credit transfer:
      1. Less than 500 enrolments - NIL
      2. 500 – 1000 enrolments - Rs. 50,000/-
      3. More than 1000 enrolments - Rs. 1,00,000/-
   2. Scheduled course with issue of certificate:
      1. Less than 500 enrolments - NIL
      2. 500 – 1000 enrolments - Rs. 25,000/-
      3. More than 1000 enrolments - Rs. 50,000/-
   3. All other courses including Self paced courses - NIL

**Decision Sought**

**Approval of the Board is sought on the above proposal (at para 8) on the norms for payment of Honorarium for running of MOOCs.**

**Agenda Item No.6**

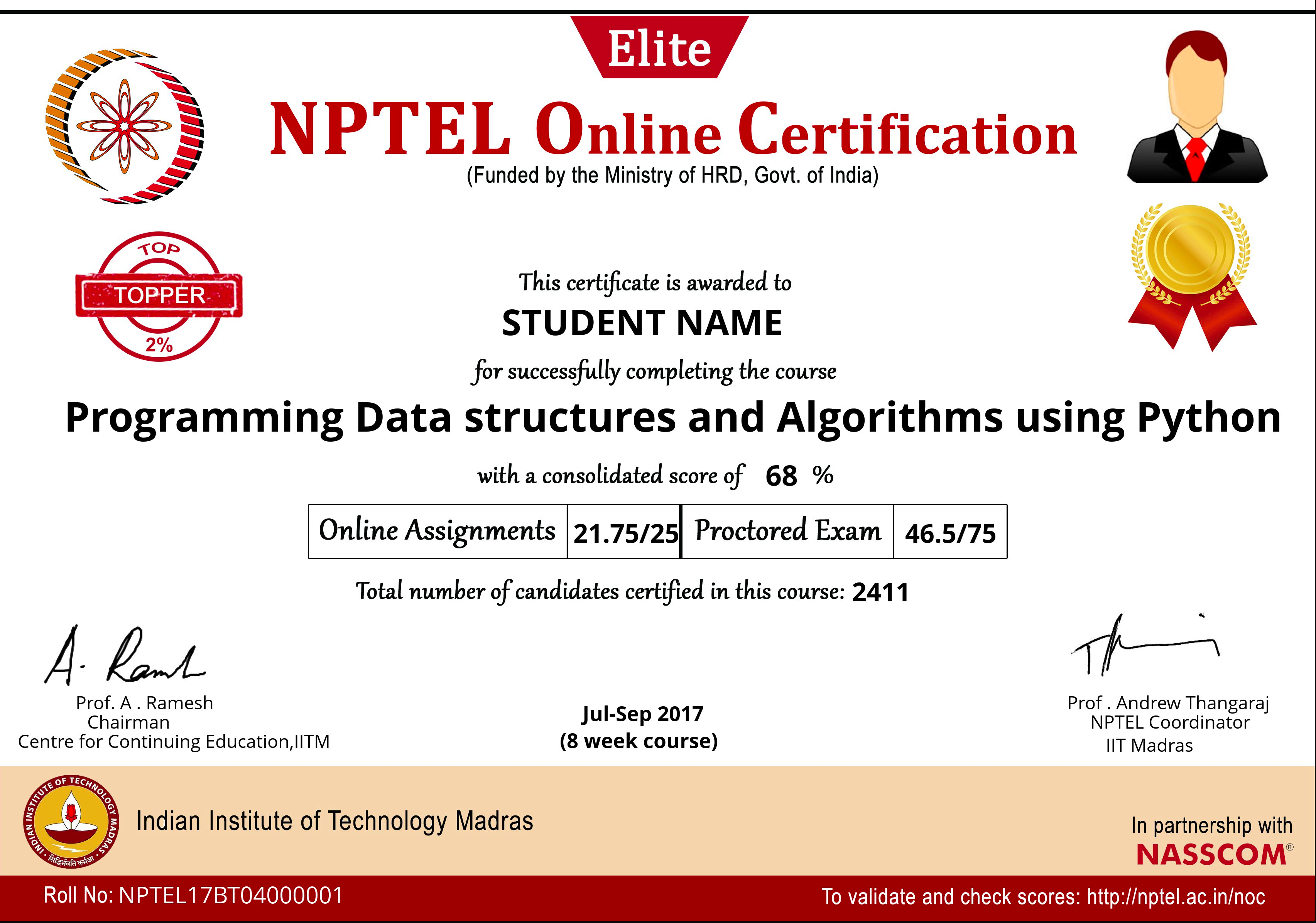
**Format of Certificate on successful completion of SWAYAM course**

**Purport**

1. The objective of this note is to seek approval of format of Certificate to be issued to students who successfully complete the Online Course on SWAYAM.

**Background**

1. In accordance with ‘UGC (Credit Framework for Online Learning Courses through SWAYAM), Regulation, 2016’ Para 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.

** **

**Approval Sought**

**Approval is sought on the format of the certificate to be issued to students who successfully complete the Online Course on SWAYAM.**

**Agenda Item No.7**

**Presentation of Action Plan by National MOOC Coordinators**

**All the National MOOC Coordinators would be making a brief presentation (5 minutes) on their Action Plan for development and running of courses and other activities associated with SWAYAM**

**Background**

1. A review meeting was Chaired by Hon’ble Minister of HRD, and held with all National MOOC Coordinators (NMCs) and concern officials of MHRD on 13thJune 2017. The NMCs have indicated number of courses, as under, which they would develop and offer during the Semester starting July 2017.

|  |  |
| --- | --- |
| **NMC Name** | **Number of courses proposed to be run in Semester starting July 2017** |
| NPTEL (PG & UG Engr.) | 158 |
| UGC  (Non Engr. PG) | 63 |
| CEC   (Non Engr. UG) | 62 |
| IIM Bangalore (UG & PG Mgmt..) | 10 |
| IGNOU (Dip. & Cert.) | 11 |
| NIOS (Open Sch., 9-12) | 14 |
| NCERT (9-12) | 8 |
| **Total** | **326** |

2. Apart from the above courses, **NITTTR** and **IIT Bombay** from SPOKEN Tutorial project are committed to contribute **29** and **100** courses respectively. Thus about **455** courses are planned to be launch in this semester.

3. SFC has approved a target of development of 250 new courses and delivery of 500 courses by the end of March 2018.

**Agenda Item No.8**

**Awareness creation/ Publicity (SWAYAM & SWAYAM Prabha)**

**Purport**

1. The objective of this note is to seek the approval of the Board for creating awareness and take publicity of SWAYAM and SWAYAM Prabha through holding of work shops, producing short films, social media campaign and monthly news letters.

**Background**

1. The SFC for both SWAYAM and NMEICT (for SWAYAM Prabha) had stressed the need for taking up acitivities for awareness creation and publicity. The funds for the same has also been provided.
2. It is proposed to take up awareness creation/publicity through the following activities:
   1. Workshop
   2. Producing short films
   3. Social media campaign
   4. Monthly news letters

**Workshop:**

SWAYAM

1. Workshops are needed at all levels, across the learners and teachers fraternity to make them aware of SWAYAM, use of ICT for development of MOOCs and new trends in learning.
2. There is need to involve a number of SMEs & Academia in almost all subjects & disciplines to contribute to the development & delivery of MOOCs. The SMEs & Academia may not be trained in the development & delivery of MOOCs, hence there is a regular need to train such experts and the National MOOCs Coordinators (NMCs) are required to initiate the process every quarter of the year and train the experts as Course Coordinators. Support from SWAYAM Secretariat shall be provided for conduct of these workshops. Provision for workshops is already included in the development cost of MOOC @ Rs.2.00 Lakh /Course (50 persons @ 4000 per person).

SWAYAM Prabha

1. Regular workshops are held with all the 32 channel coordinators, 8 National coordinators and the Chief coordinator so that they can share their experiences, discuss common issues and deliberate on the way forward to make the channels more popular. These workshops have been found to be very effective and it is proposed to continue the regular workshops

**Producing short films**

1. During a number of occasions during exhibitions, Conferences, Festivals, it is required to explain, in short, to a large audiences about the SWAYAM/SWAYAM Prabha Programme. We also need to regularly place advertisements in Social Media etc., to popularize the SWAYAM/SWAYAM Prabha Programmes. The proposal is to engage a professional agency to produce a short (3 mts) film and Ad Film (20 Seconds), version of 3 mts film. Short films shall also be shown for publicity in SWAYAM Prabha channels, during breaks etc. Attempts would be made with Doordarshan for display of these films in the DD channels. The films would be made as per the DAVP approved rates.

**Social media campaign**

1. Social media is an important means for publicity and creating awareness especially in the young generation. It is proposed to appoint an agency for social media campaign of SWAYAM/SWAYAM Prabha. The appointment would be done in consultation with DAVP or any other relevant Government agency
2. The major target audience of SWAYAM/SWAYAM Prabha is young, in the age group of 15 to 24 years and this group is energetic learners, who spend lots of time on Internet and social media platforms. Social Media campaigns on SWAYAM, MOOCs and SWAYAM Prabha are therefore needed to increase awareness, recognition and engagement. Social media platforms are nice place to promote upcoming events and Engage with influencers. Using this delivery platform we can promote content and attract more audience for SWAYAM. These platforms shall be used for Sharing videos, reviews, ratings, and polls. The Social Media campaign needs to be relevant to the audience and keep it a two-way conversation rather than a one-way broadcast. This helps to get Improved customer insight on a platform where the audience provides its point-of view through comments and other interactive behavior.

**Monthly newsletters**

1. A different target audience who are decision makers, officials from different Ministries, Vice Chancellors, Directors of Institutions, Academia, Subject Matter Experts and others need to be informed, updated on monthly basis on SWAYAM, SWAYAM Prabha, Channel schedule of TV channels, list of new MOOCs courses introduced, frequently asked questions etc. It is therefore proposed to engage an Agency for development of Monthly Newsletter, its publication, delivery to a list of clients and to update the mailer list.

**Approval sought**

**Approval of the Board is sought for creating awareness and take up publicity of SWAYAM and SWAYAM Prabha through holding of work shops, producing short films, social media campaign and monthly news letters as discussed above**.

**Agenda Item No. 9**

**Status of SWAYAM Prabha channels**

**Purport**

1. The objective of this note is to present the status report on SWAYAM Prabha channels.

**Background**

1. SWAYAM PRABHA is an initiative to provide 32 high quality educational channels through DTH (Direct to Home) across the length and breadth of the country on 24X7 basis. This would enable to deliver e-education in a most cost effective & inclusive manner. The Department of Space has allotted two GSAT-15 transponders for the same.
2. Hon’ble President of India has launched the SWAYAM Prabha on 9-Jul-2017. The subscribers of free DTH service of Doordarshan (Free dish) and Dish TV (Zee) would be able to view these Educational channels using the same Set Top Box and TV. No additional investment would be required.
3. The DTH Channels cover curriculum-based course contents at post-graduate and under-graduate level covering diverse disciplines such as arts, science, commerce, performing arts, social sciences and humanities, engineering, technology, law, medicine, agriculture, etc. There are 4 channels assist the student in the classes 11 and 12 aspiring to join IITs.
4. Currently all 32 channels are live with at least 4 hours of fresh content which would be repeated 5 more times in a day. The DTH - Operation and Monitoring Group (OMG) has decided to raise this to 6 hours of fresh content every day.
5. The SFC in its meeting held on 26th September 2017 has approved the following fund allocation to the SWAYAM Prabha project.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Item** | **1/10/17-31/3/18 (Rs. in Cr)** | **2018-2019 (Rs. in Cr)** | **2019-2020 (Rs. in Cr)** | **Total**  **(Rs. in Cr)** |
| 1 | Satellite transponder and NOCC/WPC charges for two transponders@ Rs. 6 cr per transponder per annum. (Please see note below) | 6 | 12 | 12 | 30 |
| 2 | Uplinking cost for 32 channels @ Rs. 40 lakhs per channel per year (decision of 32nd PAB) | 6.4 | 12.8 | 12.8 | 32 |
| 3 | Content creation - 11,200 hours @Rs. 50,000 per hour (1600 hours+ 4800 hours +4800 hours) | 8 | 24 | 24 | 56 |
| 4 | Channel running cost @ Rs. 10 lakh per channel per annum | 1.6 | 3.2 | 3.2 | 8 |
|  | **Total** |  |  |  | **126** |

1. **List of 32 SWAYAM Prabha channels**

|  |  |
| --- | --- |
| **Channel No.** | **Subject** |
| 01 | CEC/UGC: Humanities – 1, Language and Literature |
| 02 | CEC/UGC: Humanities – 2, Arts, History, Philosophy and related Subjects |
| 03 | CEC/UGC: Social Science – 1, Sociology, Political Science and related subjects |
| 04 | CEC/UGC: Social Science – 2, Education, Psychology, Home Science and related subjects |
| 05 | CEC/UGC: Social Science – 3, Management, Library Science, Information Science and related subjects |
| 06 | CEC/UGC: Social Science – 4, Law, Legal Studies, Human Rights and related subjects |
| 07 | CEC/UGC: Economics, Commerce and Finance |
| 08 | CEC/UGC: Physical Sciences, Mathematics, Physics, Chemistry and related Subjects |
| 09 | CEC/UGC: Life Sciences, Botany, Zoology, Bio-Science and related subjects) |
| 10 | CEC/UGC: Applied Sciences, Allied Physical and Chemical Sciences and related subjects |
| 11 | NPTEL: Chemical Engineering, Chemistry and related Subjects |
| 12 | NPTEL: Civil Engineering and related subjects |
| 13 | NPTEL: Computer Science and Engineering |
| 14 | NPTEL: Electrical engineering, Electronics and Communication Engineering and related subjects |
| 15 | NPTEL: Engineering Sciences and general subjects for engineering |
| 16 | NPTEL: Humanities, Social Sciences and Management |
| 17 | NPTEL: Mechanical Engineering and related subjects |
| 18 | NPTEL: Mathematics, Physics, Metallurgy and related subjects |
| 19 | IIT PAL: Biology |
| 20 | IIT PAL: Chemistry |
| 21 | IIT PAL: Mathematics |
| 22 | IIT PAL: Physics |
| 23 | IGNOU: Liberal Arts and Humanities |
| 24 | IGNOU: Agriculture, Vocational and Allied Sciences |
| 25 | IGNOU: Culture |
| 26 | IGNOU: State Open Universities’ programs |
| 27 | NIOS: Secondary School Education |
| 28 | NIOS: Higher Secondary School Education |
| 29 | QEEE 1: (Live classes in Engineering and Technology) |
| 30 | NPTEL: Mathematics |
| 31 | NCERT: School and Teacher Education |
| 32 | IGNOU and NIOS: Teacher Education |

**Agenda Item No.10**

**Formation of Academic councils by channel coordinators**

**The National coordinators would make a brief presentation (3 minutes) on the status of Appointment of Academic coordinator and setting up of Academic advisory committee by the channel coordinators.**

**Background**

In the 3rd SWAYAM Prabha workshop of National/channel coordinators, which was held on 25th January 2017 at BISAG Gandhinagar, it was decided that for smooth running of the channels the channel coordinators would appoint a full time Academic coordinator and set up an Academic Advisory committee for each channel.

The norms for engagement and payment to Academic coordinator which were circulated vide MHRD letter dated 06.02.2017 are as follows:

* 1. The person should have adequate Academic experience
  2. He should be available for full time work
  3. The person should have experience in production of e-content
  4. The person should preferably be from the same city
  5. For a working person, he or she should be relieved of the present duties and deputed exclusively to work as Academic Coordinator for the SWAYAM Prabha channel. The person would continue to draw the existing pay and allowances
  6. In case of retired persons, the last pay drawn could be protected (paid)

**Agenda Item No.11**

**Provision of 1 Gbps NKN connectivity to all channel coordinator locations**

**Purport**

1. The objective of this note is to seek the approval of the Board for provision of 1 Gbps NKN connectivity to all Channel coordinator locations which are not having NKN connectivity

**Background**

1. The SWAYAM Prabha channel coordinators have to send contents regularly from their locations to BISAG Gandhinagar for telecasting the channels. Besides that many live programs are transmitted by the channel coordinators. All this requires adequate NKN connectivity. Some of the channels are coordinated by IITs who have adequate NKN connectivity. The channels which are handled by CEC and EMRCs at Hyderabad, Chennai, Ahmedabad, Kashmir, Calicut, Jamia Millia Delhi, Patiala, NCERT, IGNOU and NIOS require 1 Gbps NKN connectivity.
2. It is proposed that 1 Gbps NKN connectivity may be provided to all the above Channel coordinator locations. The cost of providing 1 Gbps connectivity to one location comes to around Rs. 15 Lakhs per year.
3. The expenditure would be met from the connectivity head of NMEICT II.

**Approval Sought**

**Approval of Board is sought for providing 1 Gbps NKN connectivity to NCERT, IGNOU, NIOS, CEC and EMRCs at Hyderabad, Chennai, Ahmedabad, Kashmir, Calicut, Jamia Millia and Patiala and incurring an expenditure of Rs 165 lakhs per annum. The expenditure would be met from the connectivity head of NMEICT II.**

**Agenda Item No.12**

**Norms for payment to Academic advisory committee members**

**Purport**

1. The objective of this note is to seek the approval of the Board for the norms for payment to the Academic Advisory committee members for attending the meetings.

**Background**

1. The proposed norms for engagement and payment to Academic Advisory committee members are as follows:
2. The Academic Advisory committee of each channel would be appointed by the National coordinator in consultation with the channel coordinator
3. The members should have adequate Academic experience
4. The members should be subject matter expert in at least one area of the channel.
5. The members should be paid Rs. 2,000 as sitting fee for attending one meeting subject to a maximum of Rs. 30,000 in a financial year. The travel expenses would be reimbursed as per Government norms.

**Approval sought**

**Approval of Board is sought for the above norms for engaging Academic advisory committee members by the National/channel coordinators**

**Agenda Item No.13**

**SWAYAM Board Secretariat**

**Purport**

1. The purpose of this note is to seek the approval of the Board for the Roles and responsibilites of MHRD and AICTE in implementing the SWAYAM project.

**Roles and Responsibilities**

1. The roles and responsibilities of MHRD and AICTE in implementing the SWAYAM project are as follows:

**MHRD**

* 1. Taking policy decisions, giving financial approvals and overall monitoring would be done by Secretary (HE)/Additional Secretary (TE) and Deputy Secretary (TE). Necessary support would be provided by the Senior Consultant/consultants and other support staff in the Secretariat at MHRD.
  2. Coordination and monitoring of activities being undertaken by AICTE in the project.
  3. Coordination with National MOOCs coordinators (NMCs)
  4. Issue of necessary guidelines, from time to time, for smooth implementation of the project
  5. Translation of courses to Regional languages
  6. Coordination with other Countries, Ministries and Statutory bodies regarding their participation in SWAYAM
  7. Release of funds to AICTE and National MOOCs Coordinators
  8. Effective synchronisation between SWAYAM and SWAYAM Prabha
  9. The SWAYAM Board Secretariat at MHRD would be responsible for the following support activities:
     1. Implementation and monitoring of the decisions of the SWAYAM Board.
     2. Formulation of new proposals for improving effectiveness of SWAYAM, evaluate the technical and financial feasiblity etc.
     3. Examination of new proposals received from various sources regarding SWAYAM, from both technical and financial angle.
     4. Follow up with other Ministries and Statutory bodies on their activities in SWAYAM
     5. Process request for release of funds from AICTE and National MOOCs coordinators, monitor utilization of funds, prepare consolidated monthly statements etc
     6. Preparation of format for collection of information on regular basis from AICTE and NMCs, collection of information, collation, analysis and presentation to Secretary(HE) /Additional Secretary (TE) on regular basis
     7. Coordination with course coordinators and resolution of their diffculties in the day-to-day working, by coordination with other agencies
     8. Organizing the meeting of SWAYAM Board, preparation of Agenda notes, issue of minutes etc
     9. Implementation and monitoring of all guidelines issued by MHRD in the project
     10. Formulation of new guidelines as required from time to time.
     11. Ensure that the videos of SWAYAM are effectively used in SWAYAM Prabha
     12. Ensure that SWAYAM and SWAYAM Prabha and effectively synchonised and taken together in all the awareness creation/publicity activities and in the local chapters
     13. Provide necessary support to NMCs, course coordinators and AICTE for the workshops, local chapters and awarness creation/publicity activities.
     14. Provide support to MHRD, NMCs and Course coordinators on any issue that comes up during implementation of the project
     15. Provide support for finalisation of agencies for translation of courses to regional languages – identifying agencies, inviting proposals, evaluating proposals, prepare recommendations etc.
     16. Translation of the courses to regional languages by coordinating with the course coordinators and the translating agencies, monitoring the time schedule and quality of output etc

**AICTE**

* 1. Ensure smooth running of the SWAYAM platform, its up gradation and maintenance. (All the activities related to M/s Microsoft)
  2. Migration of the SWAYAM platform to the new cloud infrastructure, ensure its smooth running, up gradation and maintenance
  3. Awareness creation, publicity and other related activities
  4. Coordinate conducting of workshops across the country
  5. Coordinate establishment of new local chapters and augment existing NPTEL local chapters to work as SWAYAM local chapter.
  6. Any other activity that may be entrusted to AICTE by MHRD

**Approval Sought**

**Approval of the Board is sought on the Roles and responsibilities of MHRD and AICTE in implementing the SWAYAM project.**