**Agenda Papers**

**12th Meeting**

**SWAYAM BOARD**

**11th March 2019**

**Ministry of Human**

**Resource Development**

**Shastri Bhawan**

**New Delhi – 110001**

**AGENDA**

**12th Meeting of the SWAYAM Board**

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**Agenda Item No. 1**

**Confirmation of Minutes of the 11th SWAYAM Board Meeting held on 11.02.2019**

**Minutes**

 The 11th Meeting of the SWAYAM Board was held under the Chairmanship of Shri R. Subrahmanyam, Secretary (HE), M/o HRD on 11.02.2019.

2. **Confirmation of Minutes of the 10th SWAYAM Board Meeting:**

The minutes of 10th SWAYAM Board meeting were confirmed.

3. Status of SWAYAM Courses that were placed before the Board is summarized below:

* Total Courses : 2081
* Active Courses : 565
* Courses Completed : 1416
* Upcoming Courses : 100
* Students Registered on SWAYAM : 27,23,651
* Students Registered on NPTEL : 22,15,614
* Total Registrations : 49,39,265
* Students Enrolled for courses on SWAYAM : 42,38,677
* Students Enrolled for courses on NPTEL : 50,67,452
* Total Enrollments : 93,06,129

Secretary (HE), M/o HRD wanted that the following basic information regarding the courses in SWAYAM and NPTEL should be properly integrated in the Dashboard. Also the information in the Dashboard should be updated on real time basis.

1. Number of Unique Registrations on SWAYAM and NPTEL Platforms
2. Number of courses and their unique enrollments in SWAYAM and NPTEL
3. Course effectiveness including course health report, course-wise

IIT Madras was requested to implement this on top priority, which was agreed to.

The following decisions were taken on the Agenda Items:

4. **SWAYAM Examination Dates and Timelines for January, 2019 Semester (Agenda Item No. 5):**

Board approved the following schedule for the January, 2019 Semester Courses of SWAYAM-

(i) Last Date for Enrolment : 28th February, 2019

(ii) Course End Date : 20th April, 2019

(iii) Examinations Dates : 11th & 12th May, 2019

All the NCs were requested to strictly adhere to the time lines approved. The NCs (UGC, CEC and IIM Bangalore) should obtain the concurrence of the University for courses offered. Also, AICTE / IIT Madras to ensure that content of the course (Videos) should be available for the students even after the course end date.

IIT Madras requested that AICTE and UGC may convey to the Universities / Institutions the dates of NPTEL Course Exams for January and July Semester so that the Universities / Institutions can ensure that there are no clash of exams. IIT Madras would convey to UGC and AICTE through email the dates of NPTEL Exams.

5. **Inclusion of 9 Courses of IGNOU for Examination along with ARPIT Exam Cycle (Agenda Item No. 6):**

Board approved the request of IGNOU to conduct Examination of 9 IGNOU Courses along with ARPIT Exams to be held on 30th March, 2019.

6. **Exemption of Examination Fee for Students of Universities / Institutions seeking Credit Transfer through SWAYAM (Agenda Item No. 7):**

Board after detailed deliberations decided that this agenda item could be considered once we have the exact number of students who are availing the facility of Credit Transfer including the number of students who have availed this facility.

7. **Charges payable to National Testing Agency (NTA) for Conducting SWAYAM Examination (Agenda Item No. 8):**

Board approved the per candidate fee of Rs. 600/- payable to NTA for conducting examination for SWAYAM Courses. Accordingly, payment of Rs.22,84,200/- to NTA for examinations held on1st & 2nd December, 2018 for 3807 candidates of July 2018 Semester has been approved.

8. **Extension of Contract of M/s Embee Software Pvt. Ltd. for M/s Azure Cloud Services for SWAYAM MOOCs Platform for 6 Months w.e.f. 08.02.2019 (Agenda Items No. 9):**

AICTE informed the Board that the Expert Committee has recommended that the agreement with M/s CtrlS for providing Cloud Services should be terminated as their performance is not satisfactory. Accordingly, show cause notice has been issued to M/s Ctrls after taking legal opinion.

The Secretary (HE), M/o HRD emphasized the need to ensure that there are no disruption in services in the SWAYAM 1.0 Platform as well as while migrating to SWAYAM 2.0 Platform.

Board ratified the Extension of the Contract of M/s Embee Software Pvt. Ltd. for providing M/s Azure Cloud Services for a further period of six months from 8th February, 2019 to 7th August, 2019 on the existing terms & conditions with provision for termination of service any time by giving one month notice. This was already approved by Secretary (HE), M/o HRD on file before the last date of contract.

9. **Payment of GST Charges on the translation proposals of IIT Madras and IIIT Hyderabad & C-DAC (Agenda Item No. 10):**

Board approved payment of GST Charges as applicable on actuals, in addition of the approved amount of Rs.10.79 Crore for translation of 1600 hours of Video contents and the Allocation of Work of Translation of SWAYAM Courses on same terms and conditions to IIIT Hyderabad & C-DAC.

10. **Finalization of Courses for July, 2019 Semester (Agenda Item No. 11):**

Board requested all NCs to submit the list of courses that would be offered during the July, 2019 Semester latest by 25th February, 2019.

11. **Training of SWAYAM Course Coordinators(Agenda Item No. 12):**

The need for Capacity Building was discussed in detail. Board constituted a Committee for planning and implementation of the training programme for SWAYAM Course Coordinators under the chairmanship of Dr. Bhushan Patwardhan, Vice-Chairman, (UGC). The Board also nominated Dr. N. Saravana Kumar, Joint Secretary IEL & !CC), M/o HRD, Prof. Shridhar Iyer (IIT Mumbai), Prof. Prathap Haridoss, IIT Madras, Prof. Sudhindra Nath Panda (NITTTR, Chennai), Prof. P. D. Jose (IIM Bangalore), Dr. Pankaj Mittal, AS (UGC), Dr. J. B. Nadda, Director (CEC), Prof. Uma Kanjilal (IGNOU), Ms. Malathi Narayanan, Deputy Secretary(TEL), M/o HRD - (Convener) as members of the Committee. The Committee is free to co-opt other Experts / Members.

This Committee would finalise the strategy to train the existing and potential Course Coordinators in all aspects of SWAYAM including production of MOOCs, running of MOOCs, engaging and motivating students, effective functioning of discussion forum. The Committee would identify key resource persons to carry out this capacity building exercise in a rigorous and passionate manner. The focus would be to promote quality in the production and running of MOOCs in SWAYAM Platform.

The Committee would submit report in 15 days time.

12. **SWAYAM Prabha - Revision of SME Honorarium & Channel Maintenance Cost (Agenda Item No. 13):**

Board approved the revision of the SME Honorarium from Rs. 2,500/Half Hour to Rs. 5,000/Half Hour (in-line with Financial Norms for SWAYAM) and Annual Channel Maintenance Cost from Rs. 10.00 Lakhs to Rs. 15.00 Lakhs per Channel per year.

13. **SWAYAM Prabha - Inclusion of GYAN DARSHAN in SWAYAM Prabha (Agenda Item No. 14):**

Board approved the inclusion of GYAN DARSHAN as one of the IGNOU Channels in SWAYAM Prabha without any financial implication.

**Other Items discussed**:

14. **SWAYAM 2.0 & Azure optimization:**

NPTEL made a presentation giving the following details:

Development of SWAYAM 2.0 is progressing as per plan. Alpha 1 (completed), Alpha 2 (ongoing), RFP and cloud providers (ongoing), Beta (upcoming). The SWAYAM 2.0 is scheduled to go live in April, 2019.

Overall Cloud Charges has come down from ~55 Lakh (August, 2018) to ~36 Lakh (January, 2019). All SWAYAM pages are updated for Google Analytics support & SWAYAM Social Links (Facebook, Twitter & Instagram).

IIT Madras is regularly holding a Conference Call for SWAYAM 2.0 and requested all NCs to participate and provide their valuable inputs.

Prof. Andrew expressed the difficulty in carrying on with RFP for SWAYAM 2.0, due to unavailability of funds. Joint Secretary (TEL &ICC), MHRD explained the delay in getting re-appropriation approval and assured of providing the funds at the earliest. He requested IIT Madras to go ahead with all necessary activities to launch SWAYAM 2.0 within decided timelines.

15. **SOCIAL Media Campaign:**

M/s EdCIL (India) Ltd. made a presentation on the status report of Social Media Campaign. NPTEL Team also suggested that the media campaign should consider making their presence felt in QUORA also. M/s EdCIL (India) Ltd. will share the SEO gaps to IIT Madras. Board has observed that Social Media Activities will be done in regular fashion.

M/s EdCIL has been tasked with the Social Media Campaign for SWAYAM on behalf of all NCs. The Board expects M/s EdCIL (India) Ltd. to continuously do the Social Media Campaign for wider dissemination of SWAYAM and MOOCs Courses offered. On request from M/s EdCIL (India) Ltd., Board has asked M/s EdCIL (India) Ltd. to submit their proposal for annual running of Social Media Campaign.

16. **Role of NC Office in Development / Repurposing of MOOCs:**

The NCs pointed out that part of the activities connected with development / repurposing of MOOCs (as per Financial Norms for Development of MOOCs for SWAYAM dated04.12.2017) are carried out at the level of NCs. But, there is no such specific mention in the SWAYAM Financial Norms. So, part of the funds in this regard needs to be utilized at the NCs Office. After deliberation, the Board agreed that the as part of the works related to production and running of MOOCs Courses is being done at NC level also, NCs can decide to utilize part of the budget at their level, within the overall limits prescribed, for developing / repurposing of MOOCS.

17. **Exams for NITTTR Courses:**

Board requested NITTTR to conduct final proctored examinations for their completed courses in-line with other SWAYAM Courses and also align their proposed certificate with already approved SWAYAM Certificate.

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**Agenda Item No. 2**

**Action Taken Note on the Points decided in the 11th SWAYAM Board Meeting held on
11th February, 2019**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Items** | **Action Taken Note** |
| 1 | **Awareness Creation & Publicity.****A**. Local Chapters activity | **UGC:** has shared the list of 58 UGC PG MOOCs courses offered in January Semester 2019 with Vice-Chancellor of the all Universities. The total local chapters as on date is **1628.**SWAYAM Coordinators from universities -146SWAYAM Mentors from Colleges - 1482Other NC may take help from these Local Chapters.**NPTEL**: Email reminders regarding the live sessions and the registration for exams send. |
| **B.** Social Media Campaign Strategy for SWAYAM | **M/s EdCIL (India) Ltd** |
|  | 1. Complete status reg. the number of Courses adopted for credit transfer:

The number of courses adopted for credit transfer, total number of students benefited from credit transfer, process of credit transfer in the in 92 Universities / Institutions. This may be seriously pursued by UGC. | UGC has written a letter to the Vice-Chancellor of the all Universities requesting them to provide the list of courses selected by them for credit transfer. The information has been received so far from 24 Universities and reminder to the Vice-Chancellors of the all Universities has been sent for the same. |
| 2 | **Review Report of running courses by NCs and activity plan**  | **All NCs**Agenda Item No. 4 |
| 3 | Courses on offer for **January, 2019 Semester** : | **NC**  | **Committed**  | **Uploaded** |
| NPTEL  | 290 (144 New + 146 Rerun)   | 291 |
| IIM B  | 9  ( 2 New  + 7 Rerun ) | 9 |
| UGC | 58 (7 New + 4 Rep.+ 47 Rerun)  | 58 |
| CEC | 61 (53 Courses + 8 Rerun) | 61 |
| NITTTR | 24 (22 New + 2 Rerun) | 10 |
| IGNOU | 16 (3 New  + 13 Rerun)*(no content in 4 courses)* | 8  |
| NCERT | 14 (3 New + 11 Rerun) | 14 |
| NIOS | 11 (11 New ) | 27 |
| Total | **483** | **478** |
| 4 | **Integration of SWAYAM & NPTEL statistics in MHRD Dashboard :*** Secretary (HE), M/o HRD wanted that the following basic information regarding the courses in SWAYAM and NPTEL should be properly integrated in the Dashboard. Also the information in the Dashboard should be updated on real time basis (i) Number of Unique Registrations on SWAYAM and NPTEL Platforms (ii) Number of courses and their unique enrollments in SWAYAM and NPTEL (iii) Course effectiveness including course health report, course-wise llT Madras was requested to implement this on top priority, which was agreed to.
* Board also requested IIT Madras to give the facility of participation in discussion forum through SWAYAM mobile app.
 | **IIT Madras : Under progress****IIT Madras -** Prof. Andrew will update in meeting. |
| 5 | **Gap areas in the core engineering graduate programmes:**IIT Madras to create a report indicating the major engineering disciplines covered by their SWAYAM courses and identify the gap areas in the core engineering graduate programmes. | **IIT Madras:** Started in all disciplines. Will be completed by March end |
| 6 | **Guidelines for setting up of question papers :**Board requested Prof. Prathap Haridoss and Prof. Andrew Thangaraj to share their experiences with all NCs regarding the same. | **IIT Madras**  |
| 7 | **NC Office Setup:**All NCs should have supporting manpower in place, on the lines of NPTEL, to effectively run and monitor the courses being offered in SWAYAM platform. | UGC: is going to advertise the different positions under SWAYAM project soon.CEC: The process has already been started to engage 6 more Project AssociatesNIOS is already having the following support staff forSWAYAM 1. Training Officer(ICT)/Training Officer(L)2. EDP(CBC)+Executive Asst.(MOOCs) 3. NIOS Media Unit |
| 10 | SWAYAM 2.0 Status | IIT Madras – Prof. Andrew Thangaraj IIT Madras will update in meeting. |
| 11 | **Application Service Provider**A. Cloud Transition progress report of M/s CtrlSB. Cloud Consumption report (Azure)C. YouTube video on new features | IIT Madras – Prof. Andrew Thangaraj IIT Madras will update in meeting. |
| 12 | **Courses for July, 2019 Semester** | Detailed list of **544 Courses** at Agenda Item No. 7 |
| 13 | **Training of SWAYAM Course Coordinators** | 1st Meeting of the committee was held on 18th February and 2nd Meeting proposed on 11th & 12th March 2019 |

**Agenda Item No. 3**

**Status Report on SWAYAM Courses**

**To be presented by Prof. Andrew Thangaraj, IIT Madras**

**Agenda Item No. 4**

**Review Report on Courses by NCs**

Presentation to be made by individual NCs to include the following points:

* No. of courses offered in January 2019 Semester
* Course wise Details : Enrollments , Course Start - End Date , No. of Videos, No. of Assignments , No. of tests , Effectiveness of Discussion forum
* Comments on courses where enrollment is below 500.
* Factors on which delivery of the courses are monitored.
* Any other views / comments / suggestions.

**Agenda Item No. 5**

**Extension of End Date for SWAYAM Courses offered during January 2019 Semester**

**Purport**

This Note is to seek the approval of the Board for the extending the end date of SWAYAM courses offered during January 2019 Semester from 20th April 2019 to 5th May 2019

**Background**

UGC has requested to extend the end dates of their January 2019 Semester Courses, as Course Coordinators of UGC courses asked them to extend the end dates of the January 2019 Semester Courses to 5th May 2019 as some of the courses have started late.

**Approval Sought:**

The Board is requested to kindly approve the extension of end date for SWAYAM Courses offered during January 2019 Semester from 20th April 2019 to 5th May 2019.

**Agenda Item No. 6**

**Status of Translation of SWAYAM Courses**

**Purport**

The objective of this Note is to review the status of Translation of SWAYAM courses undertaken IIT Madras.

**Background**

SWAYAM Board in its 4th Meeting held on 07.05.2018 had given its approval on proposal of
Rs.10.79 Crore for translation of SWAYAM Courses by IIT Madras. In the meeting it was decided to give to IIT Madras video content of 1600 Hours (i.e. Top 40 SWAYAM Courses of 40 Hours Video) for translation.

**Presentation by IIT Madras on the status of translation of SWAYAM Courses**

**Agenda Item No. 7**

**List of Courses for July 2019 Semester**

**Purport**

The objective of this Note is to finalize the list of courses to be offered in the July 2019 Semester.

**Background**

In the SWAYAM Review meeting held on 18th January 2019 all NCs were requested to finalize and submit the list of July, 2019 Semester Courses to MHRD so that there will be sufficient time for publicity and approval of the courses in the respective senate / councils of Universities /Institutions.

 In the 9th SWAYAM Board meeting the Board reiterated the following guidelines while offering SWAYAM Courses which are to be kept in consideration.

(a) Repurposing of courses are not to be encouraged. (b) The courses that are chosen for rerun should have at least 500 enrolments in the earlier run. (c) The course should have the approval of Academic Council. (d) One faculty should not handle more than two courses as Course Coordinator, at a time. (e) Start dates of all the courses should be within 15 days of start of the Semester, so that exams can be planned at the same time.

MHRD has received the list of 544 courses for July 2019 semester from NCs which is attached at **Annexure I.**

* UGC: List will be finalized in Academic Council meeting to be held on 27th -28th March, 2019.
* CEC: 100 Courses (23 New + 65 Repur. + 12 Rerun)
* NPTEL: 361 Courses (179 New + 179 Rerun + 3 Repur.)
* IIM B: 19 Courses (5 New + 14 Rerun)
* NITTTR: 5 Courses
* IGNOU: 16 Courses (3 New + 13 Rerun)
* NCERT: 13 Courses (13 Rerun) Starting in April2019

In order to match the NIOS Admission Session, NIOS will run its courses from 1st April, 2019 instead of 1st February, 2019 and after that NIOS will run its courses from 1st October, 2019 instead of 1st July 2019

From 1st April 2019: 30 Courses (4 - New, 26 - Rerun)

From 1st October, 2019: 30 Courses Rerun

**Decision Sought**

The Board is requested to kindly finalize the list of courses that would be offered during the July 2019 Semester.

**Annexure I**

**University Grants Commission (UGC)**

List is awaited

**CEC, New Delhi - Tentative List of Undergraduate Courses to be offered in July-Dec, 2019 Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Title of the Course** | **Name of the Course Coordinator** | **No of credit of the course** | **Repurpose/Fresh** | **Enrollments in Rerun Courses** |
| **Fresh** |
| 1 | Basics of Digital Marketing | Dr. Lalit Engle | 4 | Fresh |  |
| 2 | DataMining | L.Abraham David | 4 | Fresh |  |
| 3 | Ecommerce Technologies | G. Selva Jeba | 4 | Fresh |  |
| 4 | Modern Algebra | Dr. T. Asir | 4 | Fresh |  |
| 5 | Effective Decision Making | Dr. Mohd Muzamil Kumar | 2 | Fresh |  |
| 6 | Psychology for Health and Well Being | Dr. Yasir Hamid Bhat | 2 | Fresh |  |
| 7 | General Psychology | Mrs. Shalini Rathore | 4 | Fresh |  |
| 8 | Industrial Pharmacy I | Dr Ajay Semalty | 4 | Fresh |  |
| 9 | Principles of Macroeconomics - I | Dr. Kamlesh Gakhar | 4 | Fresh |  |
| 10 | Business Ethics (Managing for Sustainability) | Archana Vechalekar | 4 | Fresh |  |
| 11 | Education in Contemporary India | Dr. Naziya Hasan | 2 | Fresh |  |
| 12 | Chemistry of d – Block Elements, Quantum Chemistry and Spectroscopy | Dr. Niraj (Coordinator); Dr. Rampal Pandey (Co-coordinator) | 4 | Fresh |  |
| 13 | DIGITAL FORENSICS | Dr.Navjot Kaur Kanwal | 4 | Fresh |  |
| 14 | समकालीन अस्मिता मूलकविमर्श | डॉमनीष कुमार | 3 | Fresh |  |
| 15 | Understanding Early Childhood Care and Education | Abhishek Kumar Prajapati | 2 | Fresh |  |
| 16 | SALES & DISTRIBUTION MANAGEMENT | Dr. Ashish Gupta | 3 | Fresh |  |
| 17 | Introductory Concepts of Digital Computing | Ms. Betsy Chacko | 4 | Fresh |  |
| 18 | School Organization: Administration & Management | Dr. Minila K George | 4 | Fresh |  |
| 19 | RADIATION: HAZARDS, PROTECTIONAND SAFETY | Dr. M.M.MUSTHAFA, Professor | 4 | Fresh |  |
| 20 | DEVELOPING LIFE SKILLS | Dr. M. N. Mohamedunni Alias Musthafa | 4 | Fresh |  |
| 21 | Differential Calculus | Dr. Bijumon Ramalayathil | 4 | Fresh |  |
| 22 | Literary Criticism | Dr.C G Syamala | 4 | Fresh |  |
| 23 | Economic History of India 1857-1947 | Ms. Linda George | 4 | Fresh |  |
| **Repurpose** |
| 24 | Plant Physiology and Plant Tissue Culture | Dr. Monica Jain | 4 | Repurpose |  |
| 25 | Biochemistry & Molecular Biology | Dr. Anjana Jajoo / Dr. Sheetal Bhasin | 4 | Repurpose |  |
| 26 | EnvironmentalStudies | Dr. Tushar Banerjee | 4 | Repurpose |  |
| 27 | Human Growth & Development | Dr. K. Sambath Rani Assistant Professor in Special Education | 2 | Repurpose |  |
| 28 | Contemporary and Education in India | Dr. H.Indu Associate Professor &Head, Department of Education | 2 | Repurpose |  |
| 29 | Curriculum, Adaptation & Teaching Strategies for Visual Impaired | Mrs. R. Vaijayanthi Assistant Profesosr in IEVH | 2 | Repurpose |  |
| 30 | Psycho social and family issues of Visually Impaired | Mrs. R. Shanthi Assistnat Professor in Special Education | 2 | Repurpose |  |
| 31 | Intervention and Teaching Strategies for Children with Visual Impairment | Prof. G. Victoria Naomi HoD of Special Education Mrs. M.Revathi Research Associate Department of Special Education | 2 | Repurpose |  |
| 32 | Basic Concepts in Education | Dr. S.Prakash | 2 | Repurpose |  |
| 33 | Crme & Society | Dr.C.Karuppaiah | 2 | Repurpose |  |
| 34 | Tourism transport and Travel Services | Mr Srikanth K S | 4 | Repurpose |  |
| 35 | International Tourism Destinantions | Mr Vinaya Kumar K S | 4 | Repurpose |  |
| 36 | TOURISM RESOURCES OF INDIA | PROF. H. RAJASHEKAR | 4 | Repurpose |  |
| 37 | TOURISM AND TRAVEL MANAGEMENT | DR. M . L. ASHOKA | 4 | Repurpose |  |
| 38 | HOSPITALITY INDUSTRY IN TOURISM | PROF. H. RAJASHEKAR | 4 | Repurpose |  |
| 39 | TOURISM OPERATIONS | DR. N. NAGARAJU | 4 | Repurpose |  |
| 40 | GEOGRAPHY OF TOURISM | PROF. A. BALASUBRAMANIAN | 4 | Repurpose |  |
| 41 | Biogeography | Dr P T Bharathi | 4 | Repurpose |  |
| 42 | Settlement Geography | Dr.B.Chandrashekara | 4 | Repurpose |  |
| 43 | GEOGRAPHY OF INDIA | PROF. A. BALASUBRAMANIAN | 4 | Repurpose |  |
| 44 | Food Preservation Technology | Prof. P.K. Maheshwar | 4 | Repurpose |  |
| 45 | Food and Nutrition | Prof. R. Shekara Naik | 4 | Repurpose |  |
| 46 | Food Microbiology | Dr Niranjan | 4 | Repurpose |  |
| 47 | Food Chemistry | Dr Chandra Nayaka | 4 | Repurpose |  |
| 48 | PLANT PATHOLOGY AND SOIL HEALTH | DR. SHARVANI. K. A | 4 | Repurpose |  |
| 49 | General Sericulture | Dr.Rohith L Shankar | 4 | Repurpose |  |
| 50 | Mulberry and Silkworm Crop Protection | Dr. S H Divya | 4 | Repurpose |  |
| 51 | Silkwarm Raring & Reeling Techonology | Dr. K. G. MANJUNATH | 4 | Repurpose |  |
| 52 | Biology of the silkworm, Bombyx mori | Dr. M.N. ANIL KUMAR | 4 | Repurpose |  |
| 53 | Plant Physiology | Dr. Mohammad Arif Zargar | 4 | Repurpose |  |
| 54 | Economic Botany: Plant Resource utilization | Prof. Irshad Ahmad Nawchoo | 4 | Repurpose |  |
| 55 | Proficiency course of Spanish | Dr T. Srivani | 5 | Repurpose |  |
| 56 | Proficiency course of French | Prof Nirupama Rastogi | 5 | Repurpose |  |
| 57 | Home Science - Extension and Communication Management - Level 1 | Prof G Naga Mallika | 4 | Repurpose |  |
| 58 | Proficiency course of Russian | Dr Puspa Ranjan | 4 | Repurpose |  |
| 59 | Food Science and Processing | Dr. Viparti Vijaya Lakshmi | 4 | Repurpose |  |
| 60 | Textiles Study | Prof. A. Sharada Devi (Rtd.) | 5 | Repurpose |  |
| 61 | Resource Management and Consumer Sciences | Prof. D. Ratna Kumari, | 5 | Repurpose |  |
| 62 | Organisation and Marketing of Early Childhood Care and Educational Centres | Ms. V. Kavitha Kiran- Assistant Professor | 2 | Repurpose |  |
| 63 | Law course -1 | Prof.G.B.Reddy | 6 | Repurpose |  |
| 64 | Certificate Course in Hindustani Raga Sangeet – Level 2 | Prof. Sharangdhar Sathe | 4 | Repurpose |  |
| 65 | Fundamentals of Office Management and Methods | Dr. Rupali Sheth | 4 | Repurpose |  |
| 66 | Personality Development | JahanAara Pathan | 4 | Repurpose |  |
| 67 | Course in Business Economics (Macro) | Dr. Mansi Kurtkoti | 3 | Repurpose |  |
| 68 | Course in Special Services Marketing in India | Bageshree Deo | 3 | Repurpose |  |
| 69 | Human Rights of Minorities and Indigenous people and Women | Dr. N. Pramod Singh | 4 | Repurpose |  |
| 70 | General Microbiology | Dr. Ishwori Laitonjam Asstt. Prof. | 4 | Repurpose |  |
| 71 | Cell Biology | Dr. K. Sanatombi | 4 | Repurpose |  |
| 72 | Biomembranes and Bioenergetics | Binapani Chingtham | 4 | Repurpose |  |
| 73 | Immunology | Dr. Reena Haobam | 4 | Repurpose |  |
| 74 | Educational Technology | Dr. Naziya Hasan | 3 | Repurpose |  |
| 75 | Sports Administration and Management | Dr. M. Chourjit | 4 | Repurpose |  |
| 76 | Fundamentals of Financial Accounting | Amita Bissa | 4 | Repurpose |  |
| 77 | Entrepreneurship | Meeta Nahalani | 4 | Repurpose |  |
| 78 | Constitutional Government & Democracy in India | Arundhati Bhattacharya | 4 | Repurpose |  |
| 79 | Introduction to Political Theory | Sanjukta Ray | 4 | Repurpose |  |
| 80 | Indian Political Thought | Shivaji Pratim Basu | 2 | Repurpose |  |
| 81 | Administration & Public Policy | Esita Sur | 2 | Repurpose |  |
| 82 | Rabindra Sangeet : Early phase of Tagore and his Music | Saikat S Ray | 3 | Repurpose |  |
| 83 | Aspects of European History (1780- 1939) **DSE-A - 2** | Subhas Ranjan Chakraborty | 3 | Repurpose |  |
| 84 | Geochemistry | Prof. H. Thomas | 2 | Repurpose |  |
| 85 | Criminalistics | Prof. Devashish Bose | 2 | Repurpose |  |
| 86 | Economic Geology and Hydrology | Prof. L.P.Chourasia | 2 | Repurpose |  |
| 87 | ICT Skills in Education | Dr. Ismail Thamarasseri | 4 | Repurpose |  |
| 88 | Vernacular architecture | Prof . KumndhavalliSasidhar | 4 | repurpose |  |
| **Repurpose/Rerun** |
| 89 | Financial Accounting | Dr. Manish Sitlani | 3 | Repurpose/Re-rurn | **2050** |
| 90 | Computer Fundamentals | Dr. Sanjay Tanwani | 4 | Repurpose/Re-rurn | **2501** |
| 91 | Computer Networks | Mr. Anand More | 3 | Repurpose/Re-rurn | **2054** |
| 92 | Basics of Photography | Dr. Narayan Patidar | 3 | Repurpose/Re-rurn | **2651** |
| 93 | Hindi Bhasha Sanrachna, Janpadiya Bhashayein Evam Kaushal | Dr. Surendra Yadav | 3 | Repurpose/Re-rurn |  |
| 94 | Hindi Kavya Evam Katha Sahitya | Dr. Jayshri Bansal | 3 | Repurpose/Re-rurn |  |
| 95 | Petrology | Prof. H. Thomas | 4 | Repurpose/Re-rurn | **631** |
| 96 | Indian Administration | Prof. Y. Pardhasaradhi | 4 | Repurpose/Rerun | **1113** |
| 97 | Gerontological Social Work | Prof.Visweshwar Rao | 4 | Repurpose/Rerun | **1274** |
| 98 | Disaster Management | Prof. Dr. Naveen | 4 | Repurpose/Rerun | **3192** |
| 99 | Counseling in Social Work | Prof.Kanaka Durga | 4 | Repurpose/Rerun | **1627** |
| 100 | Physical Geography I Elements of Geomorphology | Dr Fazila Bhanu | 4 | Repurpose/rerun |  |

**NPTEL**

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| **S.No.** | **Discipline** | **Course Name** | **SME Name** | **Institute** | **Duration** |
| 1 | Aerospace Engineering | Introduction To Flight | Prof. Rajkumar Pant | IITB | 12 Weeks |
| 2 | Aerospace Engineering | Design of fixed wing Unmanned Aerial Vehicles | Prof. Saderla Subrahmanyam | IITK | 8 weeks |
| 3 | Aerospace Engineering | Introduction to Ancient Indian Technology | Prof. D.P.Mishra | IITK | 8 weeks |
| 4 | Aerospace Engineering | UAV Design - Part II | Prof. Saderla Subrahmanyam | IITK | 8 weeks |
| 5 | Aerospace Engineering | Introduction to Rocket Propulsion | Prof.D.P. Mishra | IITK | 8 weeks |
| 6 | Aerospace Engineering | Vibration and Structural Dynamics | Prof. Mira Mitra | IITKGP | 8 weeks |
| 7 | Aerospace Engineering | Mechanics and Thermodynamics of Air-Breathing Propulsion | Prof. Swetaprovo chaudhuri | IISc | 12 Weeks |
| 8 | Agriculture and Food Engineering | Farm Machinery | Prof. VK Tewari | IITKGP | 12 Weeks |
| 9 | Agriculture and Food Engineering | Fundamentals of Food Process Engineering | Prof. Jayeeta Mitra | IITKGP | 12 Weeks |
| 10 | Agriculture and Food Engineering | Irrigation and Drainage | Prof. Damodhara Rao Mailapalli | IITKGP | 12 Weeks |
| 11 | Agriculture and Food Engineering | Organic Farming for Sustainable Agricultural Production | Prof. Dilip Kumar Swain | IITKGP | 8 weeks |
| 12 | Agriculture and Food Engineering | Dairy and Food process and products technology | Prof. Tridib Kumar Goswami | IITKGP | 12 Weeks |
| 13 | Agriculture and Food Engineering | Thermal Operations in Food Process Engineering: Theory and Applications | Prof. Tridib Kumar Goswami | IITKGP | 12 Weeks |
| 14 | Agriculture and Food Engineering | Thermal Processing of Foods | Prof. R. Anandalakshmi | IITG | 12 Weeks |
| 15 | Architecture | Architectural Acoustics | Prof. Sumana Gupta and Prof. Sankha Pratim Bhattacharya | IITKGP | 8 weeks |
| 16 | Architecture | Disaster Recovery And Build Back Better | Prof. Ram Sateesh Pasupuleti & Prof. Subhojyothi Samaddar | IITR | 8 weeks |
| 17 | Architecture | Culturally Responsive Built Environments | Prof. Ram Sateesh Pasupuleti | IITR | 8 weeks |
| 18 | Architecture | Contemporary Architecture and Design | Prof. Saptarshi Kolay | IITR | 8 weeks |
| 19 | Architecture | Role of Craft and Technology in Interior - Architecture | Prof. Smriti Saraswat | IITR | 8 weeks |
| 20 | Biotechnology & Bioengineering | Basic Biotechnology | Prof. Vishal Trivedi | IITG | 8 weeks |
| 21 | Biotechnology & Bioengineering | Biomaterials for Bioengineering Applications | Prof. Mainak Das | IITK | 8 weeks |
| 22 | Biotechnology & Bioengineering | Human Physiology | Prof. N K Subhedar | IISER  Pune | 12 weeks |
| 23 | Biotechnology & Bioengineering | Plant Developmental Biology | Prof. Shri Ram Yadav | IITR | 4 weeks |
| 24 | Biotechnology & Bioengineering | Plant Cell Bioprocessing | Prof. Smita Srivastava | IITM | 12 weeks |
| 25 | Biotechnology & Bioengineering | Introduction to Biostatistics | Prof. Shamik Sen | IITB | 8 weeks |
| 26 | Biotechnology & Bioengineering | Industrial Biotechnology | Prof. Debabrata Das | IITKGP | 12 Weeks |
| 27 | Biotechnology & Bioengineering | Nanotechnology in Agriculture | Prof. Mainak Das | IITK | 8 weeks |
| 28 | Biotechnology & Bioengineering | Computer Aided Drug Design | Prof. Mukesh Doble | IITM | 8 weeks |
| 29 | Biotechnology & Bioengineering | Drug Delivery: Principles and Engineering | Rachit Agarwal | IISc | 12 Weeks |
| 30 | Biotechnology & Bioengineering | Functional Genomics | Prof. S. Ganesh | IITK | 4 weeks |
| 31 | Biotechnology & Bioengineering | Introduction To Proteomics | Prof. Sanjeeva Srivastava | IITB | 8 weeks |
| 32 | Biotechnology & Bioengineering | Cancer Proteogenomics | Prof. Sanjeeva Srivastava | IITB | 8 weeks |
| 33 | Biotechnology & Bioengineering | Biomicrofluidics | Prof. Tapas Kumar Maiti & Prof. Suman Chakraborty | IITKGP | 4 Weeks |
| 34 | Biotechnology & Bioengineering | Biomedical nanotechnology | Prof. P. Gopinath | IITR | 4 weeks |
| 35 | Biotechnology & Bioengineering | Fundamentals of micro and nanofabrication | Prof Sushobhan AvastiProf. Shankar Selvaraja | IISc | 12 Weeks |
| 36 | Biotechnology & Bioengineering | Introduction to Mechanobiology | Prof. Shamik Sen | IITB | 8 weeks |
| 37 | Chemical Engineering | Chemical Engineering Thermodynamics | Prof. Jayant K. Singh | IITK | 12 weeks |
| 38 | Chemical Engineering | Chemical Process Intensification | Prof. Subrata Kumar Majumder | IITG | 12 Weeks |
| 39 | Chemical Engineering | Chemical Process Safety | Prof. Shishir Sinha | IITR | 12 Weeks |
| 40 | Chemical Engineering | Chemical Reaction Engineering-I | Prof. Bishnupada Mandal | IITG | 12 Weeks |
| 41 | Chemical Engineering | Flow through porous media | Prof. Somenath Ganguly | IITKGP | 12 Weeks |
| 42 | Chemical Engineering | Fluid and Particle Mechanics | Prof. Sumesh+Basavaraju | IITM | 12 weeks |
| 43 | Chemical Engineering | Heat Transfer | Prof. Sunando Dasgupta | IITKGP | 12 Weeks |
| 44 | Chemical Engineering | Natural Gas Engineering | Prof. Pankaj Tiwari | IITG | 8 weeks |
| 45 | Chemical Engineering | Phase Equilibrium Thermodynamics | Prof. Gargi Das | IITKGP | 8 weeks |
| 46 | Chemical Engineering | Technologies For Clean And Renewable Energy Producation | Prof. P. Mondal | IITR | 8 weeks |
| 47 | Chemical Engineering | Continuum Mechanics and Transport Phenomena | Prof. T. Renganathan | IITM | 12 Weeks |
| 48 | Chemical Engineering | Introduction to Polymer Physics | Prof. Prateek Kumar Jha | IITR | 12 Weeks |
| 49 | Chemical Engineering | Fundamentals of Particle and Fluid Solid Processing | Prof. Arnab Atta | IITKGP | 12 Weeks |
| 50 | Chemical Engineering | Unit operations of particulate matter | Prof. Shabina Khanam | IITR | 4 weeks |
| 51 | Chemical Engineering | Mass Transfer Operations II | Prof. Chandan Das | IITG | 12 weeks |
| 52 | Chemical Engineering | Mechanical Unit Operations | Prof. Nanda Kishore | IITG | 12 weeks |
| 53 | Chemistry and Biochemistry | Analytical Chemistry | Prof. Debashis Ray | IITKGP | 12 Weeks |
| 54 | Chemistry and Biochemistry | Coordination Chemistry | Prof. Debashis Ray | IITKGP | 12 Weeks |
| 55 | Chemistry and Biochemistry | Introductory Organic Chemistry I | Prof. Neeraja Dashaputre Prof. Harinath Chakrapani | IISER Pune | 12 weeks |
| 56 | Chemistry and Biochemistry | Mechanisms in Organic Chemistry | Prof. Nandita Madhavan | IITB | 8 weeks |
| 57 | Chemistry and Biochemistry | Organic Chemistry in Biology and Drug Development. | Prof. Amit Basak | IITKGP | 12 Weeks |
| 58 | Chemistry and Biochemistry | Principles Of Organic Synthesis | Prof. T Punniyamurthy | IITG | 12 Weeks |
| 59 | Chemistry and Biochemistry | Reagents In Organic Synthesis | Prof. Bhisma Kumar Patel | IITG | 12 Weeks |
| 60 | Chemistry and Biochemistry | Stereochemistry | Prof. Amit Basak | IITKGP | 8 weeks |
| 61 | Chemistry and Biochemistry | Bioinorganic Chemistry | Prof. S. P. Rath | IITK | 4 Weeks |
| 62 | Chemistry and Biochemistry | Metals In Biology | Prof. D. Maiti | IITB | 8 Weeks |
| 63 | Chemistry and Biochemistry | Ultrafast Optics and Spectroscopy | Prof. Atanu Bhattacharya | IISc | 12 Weeks |
| 64 | Chemistry and Biochemistry | Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries | Prof. Shashank Deep | IITD | 12 Weeks |
| 65 | Chemistry and Biochemistry | NMR spectroscopy for Chemists and Biologists | Prof. Ashutosh Kumar | IITB | 12 weeks |
| 66 | Chemistry and Biochemistry | Quantum Computing | Prof. Debabrata Goswami | IITK | 12 Weeks |
| 67 | Chemistry and Biochemistry | Thermodynamics: classical to statistical | Prof. Sandip Paul | IITG | 12 weeks |
| 68 | Chemistry and Biochemistry | Non Linear Dynamic | Prof. Ramakrishna Ramaswamy | IITD | 12 weeks |
| 69 | Chemistry and Biochemistry | Biophysical chemistry | Prof. Pramit Kumar Chowdhury | IITD | 12 weeks |
| 70 | Civil Engineering | Strength of Materials | Prof. Sriman Kumar Bhattacharyya | IITKGP | 12 Weeks |
| 71 | Civil Engineering | Foundation Engineering | Prof. Kousik Deb | IITKGP | 12 Weeks |
| 72 | Civil Engineering | Concrete Technology | Prof. B Bhattacharjee | IITD | 12 Weeks |
| 73 | Civil Engineering | Masonry structures | Prof. Arun Menon | IITM | 12 weeks |
| 74 | Civil Engineering | Design of Reinforced Concrete Structures | Prof. Nirjhar Dhang | IITKGP | 12 Weeks |
| 75 | Civil Engineering | Reinforced Concrete Road Bridges | Prof. Nirjhar Dhang | IITKGP | 4 Weeks |
| 76 | Civil Engineering | Maintenance and Repair of Concrete Structures | Prof. Radhakrishna G. Pillai | IITM | 12 weeks |
| 77 | Civil Engineering | Design of steel structures | Prof. Damodar Maiti | IITKGP | 12 weeks |
| 78 | Civil Engineering | Structural analysis-I | Prof. Amit Shaw | IITKGP | 12 weeks |
| 79 | Civil Engineering | Structural Dynamics for Civil Engineers – SDOF systems | Prof. Riya Catherine George | IITK | 4 weeks |
| 80 | Civil Engineering | Fluid Mechanics | Prof. Subashisa Dutta | IITG | 8 weeks |
| 81 | Civil Engineering | Principles of Construction Management | Prof. Sudhir Misra | IITK | 8 weeks |
| 82 | Civil Engineering | Project Planning & Control | Prof. Koshy Varghese | IITM | 8 weeks |
| 83 | Civil Engineering | Integrated Waste Management for a Smart City | Prof. Brajesh Kumar Dubey | IITKGP | 12 Weeks |
| 84 | Civil Engineering | Wastewater Treatment and Recycling | Prof. Manoj Kumar Tiwari | IITKGP | 12 Weeks |
| 85 | Civil Engineering | Matrix Method of Structural Analysis | Prof. Amit Shaw & Prof Biswanath Banerjee | IITKGP | 8 weeks |
| 86 | Civil Engineering | Photogeology in Terrain Evaluation (Part-1 and 2) | Prof. Javed N. Malik | IITK | 8 weeks |
| 87 | Civil Engineering | Geosynthetics Testing Laboratory | Prof. J. N. Mandal | IITB | 4 Weeks |
| 88 | Civil Engineering | Geotechnical Engineering Laboratory | Prof. J. N. Mandal | IITB | 4 weeks |
| 89 | Civil Engineering | Environmental Geotechnics | Prof. D. N. Singh | IITB | 12 Weeks |
| 90 | Civil Engineering | Remote Sensing and Digital Image Processing of Satellite Data | Prof. Arun K. Saraf | IITR | 8 weeks |
| 91 | Civil Engineering | GPS Surveying | Prof. Jayanta Kumar Ghosh | IITR | 4 Weeks |
| 92 | Civil Engineering | Sustainable Materials and Green Buildings | Prof. B Bhattacharjee | IITD | 12 Weeks |
| 93 | Civil Engineering | Remote Sensing and GIS | Prof. Rishikesh Bharti | IITG | 8 weeks |
| 94 | Civil Engineering | Glass In Buildings : Design And Applications | Prof. K N Satyanarayana &Prof. E Rajasekar | IITM & Glass Academy | 12 Weeks |
| 95 | Civil Engineering | Glass Processing Technology | Prof. K N Satyanarayana &Prof. E Rajasekar | IITM & Glass Academy | 12 Weeks |
| 96 | Computer Science and Engineering | Programming in C++ | Prof. Partha Pratim Das | IITKGP | 8 weeks |
| 97 | Computer Science and Engineering | An Introduction To Programming Through C++ | Prof. Abhiram Ranade | IITB | 12 Weeks |
| 98 | Computer Science and Engineering | Programming, Data Structures And Algorithms Using Python | Prof. Madhavan Mukund | CMI | 8 weeks |
| 99 | Computer Science and Engineering | The Joy of Computing using Python | Prof. Sudarshan Iyengar | IITRopar | 12 Weeks |
| 100 | Computer Science and Engineering | Introduction to Programming in C | Prof. Satyadev Nandakumar | IITK | 8 weeks |
| 101 | Computer Science and Engineering | Problem Solving through Programming in C | Prof. Anupam Basu | IITKGP | 12 Weeks |
| 102 | Computer Science and Engineering | C Programming and Assembly Language | Prof. Janakiraman Viraraghavan | IITM | 4 Weeks |
| 103 | Computer Science and Engineering | Introduction to parallel Programming in Open MP-Part 2 | Prof. Yogish Sabharwal | IITD | 4 Weeks |
| 104 | Computer Science and Engineering | Data Base Management System | Prof. Partha Pratim Das | IITKGP | 8 weeks |
| 105 | Computer Science and Engineering | Design and analysis of algorithms | Prof. Madhavan Mukund | CMI | 8 weeks |
| 106 | Computer Science and Engineering | Object oriented analysis and design | Prof. Partha Pratim Das | IITKGP | 8 weeks |
| 107 | Computer Science and Engineering | Discrete Mathematics | Prof. Sajith Gopalan, Prof. Benny George K | IITG | 12 Weeks |
| 108 | Computer Science and Engineering | Introduction to Operating Systems | Prof. Chester Rebeiro | IITM | 8 weeks |
| 109 | Computer Science and Engineering | Operating System Fundamentals  | Prof. Santanu Chattopadhyay | IITKGP | 12 Weeks |
| 110 | Computer Science and Engineering | Introduction to Machine Learning | Prof. Sudeshna Sarkar | IITKGP | 8 weeks |
| 111 | Computer Science and Engineering | Introduction to Machine Learning | Prof. Balaraman Ravindran | IIT Madras | 12 Weeks |
| 112 | Computer Science and Engineering | Deep Learning | Prof. Prabir Kumar Biswas | IITKGP | 12 Weeks |
| 113 | Computer Science and Engineering | Reinforcement Learning | Prof. Balaraman Ravindran | IIT Madras | 12 Weeks |
| 114 | Computer Science and Engineering | Natural Language Processing | Prof. Pawan Goyal | IITKGP | 12 Weeks |
| 115 | Computer Science and Engineering | Applied Natural Language Processing | Prof. Ramaseshan R | CMI | 12 Weeks |
| 116 | Computer Science and Engineering | Computer Vision | Prof. Jayanta Mukhopadhyay | IITKGP | 12 Weeks |
| 117 | Computer Science and Engineering | Python for Data Science | Prof. Ragunathan Rengasamy | IIT Madras | 4 Weeks |
| 118 | Computer Science and Engineering | Data Science for Engineers | Prof. Ragunathan Rengasamy and Prof. Shankar Narasimhan | IIT Madras | 8 Weeks |
| 119 | Computer Science and Engineering | Scalable Data Science | Prof. Anirban Dasgupta and Prof. Sourangshu Bhattacharya | IITKGP | 8 weeks |
| 120 | Computer Science and Engineering | Advanced Computer Architecture | Prof. John Jose | IITG | 8 weeks |
| 121 | Computer Science and Engineering | Blockchain Architecture Design and Use Cases | Prof. Sandip Chakraborty & Prof. Praveen Jayachandran | IITKGP | 12 Weeks |
| 122 | Computer Science and Engineering | Blockchain Technology and Applications | Prof. Sandeep Shukla | IITK | 12 Weeks |
| 123 | Computer Science and Engineering | Cloud Computing | Prof. Soumya Kanti Ghosh | IITKGP | 8 weeks |
| 124 | Computer Science and Engineering | Introduction to Internet of Things | Prof. Sudip Misra | IITKGP | 12 Weeks |
| 125 | Computer Science and Engineering | Social Networks | Prof. Rishi Ranjan Singh & Prof. Sudarshan Iyengar | IIT Bhilai & IIT Ropar | 12 weeks |
| 126 | Computer Science and Engineering | Discrete Mathematics | Prof. Sudarshan Iyengar | IITRopar | 12 Weeks |
| 127 | Computer Science and Engineering | Ethical Hacking | Prof. Indranil SenguptaProf. S. K Ghosh | IITKGP | 12 Weeks |
| 128 | Computer Science and Engineering | Software Engineering | Prof. Rajib Mall | IITKGP | 12 Weeks |
| 129 | Computer Science and Engineering | Software Project Management | Prof. Rajib Mall and Prof. Durga Prasad Mohapatra | IITKGP | 12 Weeks |
| 130 | Computer Science and Engineering | Software testing | Prof. Meenakshi D'souza | IIITB | 12 Weeks |
| 131 | Computer Science and Engineering | Hardware modeling using verilog | Prof. Indranil Sengupta | IITKGP | 8 Weeks |
| 132 | Computer Science and Engineering | Synthesis of Digital Systems | Prof. Preeti Ranjan Panda | IITD | 12 Weeks |
| 133 | Computer Science and Engineering | Switching Circuits and Logic Design | Prof. Indranil Sengupta | IITKGP | 12 Weeks |
| 134 | Computer Science and Engineering | Arithmetic Circuit Complexity | Prof. Nitin Saxena | IITK | 12 weeks |
| 135 | Computer Science and Engineering | Demystifying networking | Prof. Sridhar Iyer | IITB | 4 Weeks |
| 136 | Computer Science and Engineering | Spatial Innformatics | Prof. Soumya K Ghosh | IITKGP | 8 weeks |
| 137 | Computer Science and Engineering | Fuzzy Systems and Applications | Prof. Nishchal K Verma | IITK | 12 weeks |
| 138 | Computer Science and Engineering | Modern Algebra | Prof. Manindra Agrawal | IITK | 8 weeks |
| 139 | Computer Science and Engineering | Theory of Computation | Prof. Raghunath Tewari | IITK | 8 weeks |
| 140 | Computer Science and Engineering | Trusted AI | Prof. Sameep MehtaProf. Mayank Vatsa | IBM & IIITD | 4 Weeks |
| 141 | Computer Science and Engineering | Introduction To Haskell Programming | Prof. Madhavan MukundProf. S. P Suresh | CMI | 8 weeks |
| 142 | Computer Science and Engineering | Practical Machine Learning with Tensorflow | Prof. Ashish Tendulkar Prof. Ravindran |   |   |
| 143 | Design Engineering | Ergonomics In Automotive Design | Prof. Sougata Karmakar | IITG | 4 weeks |
| 144 | Design Engineering | Ergonomics Workplace Analysis | Prof. Urmi R. Salve | IITG | 4 weeks |
| 145 | Design Engineering | System Design for Sustainability | Prof. Sharmistha Banerjee | IITG | 12 Weeks |
| 146 | Design Engineering | Control systems | Prof. C.S.Shankar Ram | IITM | 12 Weeks |
| 147 | Earth Sciences | Global Navigation Satellite Systems And Applications | Prof. Arun K. Saraf | IITR | 4 weeks |
| 148 | Earth Sciences | Geomorphic Processes: Landforms and Landscapes | Prof. Javed N. Malik | IITK | 8 weeks |
| 149 | Earth Sciences | Structural Geology | Prof. Santanu Misra | IITK | 12 weeks |
| 150 | Electrical Engineering | Introduction to Computer Vision | Prof. Brejesh Lall | IITD | 12 weeks |
| 151 | Electrical Engineering | Fundamentals of Electrical Engineering | Prof. Debapriya Das | IITKGP | 12 Weeks |
| 152 | Electrical Engineering | Basic Electric Circuits | Prof. Ankush Sharma | IITK | 12 weeks |
| 153 | Electrical Engineering | Power Electronics | Prof. G.Bhuvaneshwari | IITD | 12 weeks |
| 154 | Electrical Engineering | Analog Electronic Circuit | Prof. Shouribrata chatterjee | IITD | 12 weeks |
| 155 | Electrical Engineering | Op-Amp Practical Applications: Design, Simulation and Implementation | Prof. Hardik J PandyaProf Chandramani Kishore Singh | IISc | 12 Weeks |
| 156 | Electrical Engineering | Fabrication Techniques for MEMs- based sensors: clinical Perspective | Prof. Hardik J PandyaProf Chandramani Kishore Singh | IISc | 12 Weeks |
| 157 | Electrical Engineering | Sensors and Actuators | Prof. Hardik J Pandya | IISc | 12 Weeks |
| 158 | Electrical Engineering | Control engineering | Prof.Ramkrishna Pasumarthy | IIT Madras | 12 Weeks |
| 159 | Electrical Engineering | Linear System Theory | Prof. Ramakrishna Pasumarthi | IITM | 12 weeks |
| 160 | Electrical Engineering | Electrical Measurement and Electronic Instruments | Prof. Avishek Chatterjee | IITKGP | 12 Weeks |
| 161 | Electrical Engineering | Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink | Prof. Yogesh Vijay Hote | IITR | 8 weeks |
| 162 | Electrical Engineering | Analog Communication | Prof. Goutam Das | IITKGP | 12 Weeks |
| 163 | Electrical Engineering | Principles of Communication Systems - Part II | Prof. Aditya K. Jagannatham | IITK | 8 weeks |
| 164 | Electrical Engineering | Introduction to Wireless and Cellular Communications | Prof. David Koilpillai | IITM | 12 Weeks |
| 165 | Electrical Engineering | Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications | Prof. Aditya K. Jagannatham | IITK | 8 weeks |
| 166 | Electrical Engineering | Digital Signal Processing | Prof. C.S.Ramalingam | IITM | 12 weeks |
| 167 | Electrical Engineering | Digital Circuits | Prof. Santanu Chattopadhyay | IITKGP | 12 Weeks |
| 168 | Electrical Engineering | Digital Switching - I | Prof. Y.N.Singh | IITK | 8 weeks |
| 169 | Electrical Engineering | Mapping Signal Processing Algorithms to DSP Architectures | Prof. Nitin Chandrachoodan | IITM | 12 weeks |
| 170 | Electrical Engineering | Neural Networks for Signal Processing – I | Prof. Shayan Srinivasa Garani | IISc | 12 Weeks |
| 171 | Electrical Engineering | Microelectronics: Devices To Circuits | Prof. Sudeb Dasgupta | IITR | 12 Weeks |
| 172 | Electrical Engineering | Digital Image Processing | Prof. Prabir Kumar Biswas | IITKGP | 12 Weeks |
| 173 | Electrical Engineering | Pattern Recognition and Application | Prof. Prabir Kumar Biswas | IITKGP | 12 Weeks |
| 174 | Electrical Engineering | Microwave Theory and Techniques | Prof. Girish Kumar | IITB | 12 Weeks |
| 175 | Electrical Engineering | Principles and Techniques of Modern Radar Systems | Prof. Amitabha Bhattacharya | IITKGP | 12 Weeks |
| 176 | Electrical Engineering | Computational Electromagnetics | Prof. Uday Khankhoje | IITM | 12 weeks |
| 177 | Electrical Engineering | Electrical Machines - I | Prof. Tapas Kumar Bhattacharya | IITKGP | 12 weeks |
| 178 | Electrical Engineering | Electrical Distribution System Analysis | Prof. G. B. Kumbhar | IITR | 8 weeks |
| 179 | Electrical Engineering | Power System Analysis | Prof. Debapriya Das | IITKGP | 12 Weeks |
| 180 | Electrical Engineering | Dc Microgrid | Prof. Avik Bhattacharya | IITR | 8 weeks |
| 181 | Electrical Engineering | Introduction to Smart Grid | Prof. N.P. Padhy & Prof. Premalata Jena | IITR | 8 weeks |
| 182 | Electrical Engineering | Fundamentals of Electric Drives | Prof. Shyama Prasad Das | IITK | 8 weeks |
| 183 | Electrical Engineering | Infrared Spectroscopy for Pollution Monitoring | Prof.J R Mudakavi | IISc | 4 Weeks |
| 184 | Electrical Engineering | Peer To Peer Networking | Prof.Y.N.Singh | IITK | 8 weeks |
| 185 | Electrical Engineering | Fiber-Optic Communication Systems and Techniques | Prof. K. Pradeep Kumar | IITK | 12 weeks |
| 186 | Electrical Engineering | Microwave Engineering | Prof. Ratnajit Bhattacharjee | IITG | 12 weeks |
| 187 | Electrical Engineering | Electrical Machines - I | Prof. G.Bhuvaneshwari | IITD | 12 weeks |
| 188 | Humanities and Social Sciences | Technical english for engineers | Prof. Aysha Iqbal | IITM | 8 weeks |
| 189 | Humanities and Social Sciences | Developing Soft Skills and Personality | Prof. T Ravichandran | IITK | 8 weeks |
| 190 | Humanities and Social Sciences | Soft skills | Prof. Binod Mishra | IITR | 12 weeks |
| 191 | Humanities and Social Sciences | Body language: Key to professional Success | Prof. Rashmi Gaur | IITR | 4 Weeks |
| 192 | Humanities and Social Sciences | Ethics in Engineering Practice | Prof. Susmita Mukhopadhyay | IITKGP | 8 weeks |
| 193 | Humanities and Social Sciences | Interpersonal Skills | Prof. Smita Jha | IITR | 4 Weeks |
| 194 | Humanities and Social Sciences | Appreciating Linguistics: A typological approach | Prof. Anindita | IIT Madras | 12 weeks |
| 195 | Humanities and Social Sciences | Artistic Exploration in Scientific Research And Technology | Prof. Bitasta Das | IISc | 4 Weeks |
| 196 | Humanities and Social Sciences | Population Studies | Prof. A. K. Sharma | IITK | 4 weeks |
| 197 | Humanities and Social Sciences | Technology Design and Inclusion | Prof. Bidisha | IITM | 4 Weeks |
| 198 | Humanities and Social Sciences | Water, Society and Sustainability | Prof. Jenia Mukherjee | IITKGP | 4 Weeks |
| 199 | Humanities and Social Sciences | Energy Economics And Policy | Prof. Shyamasree Dasgupta | IIT Mandi | 8 weeks |
| 200 | Humanities and Social Sciences | International Economics | Prof. Suresh Babu | IITM | 8 weeks |
| 201 | Humanities and Social Sciences | The Psychology Of Language | Prof. Naveen Kashyap | IITG | 8 weeks |
| 202 | Humanities and Social Sciences | Applied Linguistics | Prof. Rajesh Kumar | IITM | 12 Weeks |
| 203 | Humanities and Social Sciences | History of English Language and Literature | Prof. Merin Simi Raj | IITM | 12 Weeks |
| 204 | Humanities and Social Sciences | Indian Fiction in English | Prof. Merin Simi Raj | IITM | 12 Weeks |
| 205 | Humanities and Social Sciences | Short Fiction in Indian Literature | Prof. Divya A | IITM | 12 Weeks |
| 206 | Humanities and Social Sciences | The Victorian Gothic Short Story | Prof. Divya A | IITM | 4 Weeks |
| 207 | Humanities and Social Sciences | Learning English Language | Prof. Rajesh Kumar | IITM | 12 Weeks |
| 208 | Humanities and Social Sciences | German-II | Prof. Milind Brahme | IITM | 12 weeks |
| 209 | Humanities and Social Sciences | German-I | Prof. Milind Brahme | IITM | 12 weeks |
| 210 | Humanities and Social Sciences | Introduction to Japanese Language and Culture | Mrs.Vatsala Misra | IITK | 8 weeks |
| 211 | Humanities and Social Sciences | Introduction to Basic Spoken Sanskrit Part 2 | Prof. Anuradha Choudry  | IITKGP | 8 weeks |
| 212 | Humanities and Social Sciences | Text, Texuality and Digital Media | Prof. Arjun Ghosh | IITD | 12 weeks |
| 213 | Humanities and Social Sciences | Cognition, Transformation and Lives | Prof. Alok Bajpai | IITK | 4 weeks |
| 214 | Humanities and Social Sciences | Psychology of Everyday | Prof. Braj Bhushan & Dr. Alok Bajpai | IITK | 4 Weeks |
| 215 | Humanities and Social Sciences | Gender Justice and Workplace Security | Prof. Dipa Dube | IITKGP | 4 Weeks |
| 216 | Humanities and Social Sciences | Feminism: Concepts And Theories | Prof. Mathangi Krishnamurthy | IITM | 12 weeks |
| 217 | Humanities and Social Sciences | Disability Studies: an introduction | Prof. Hemachandran Karah | IITM | 8 weeks |
| 218 | Humanities and Social Sciences | Development Research Methods | Prof. Rajshree Bedamatta | IITG | 4 weeks |
| 219 | Humanities and Social Sciences | Introduction to Film studies | Prof. Aysha Iqbal | IITM | 12 weeks |
| 220 | Humanities and Social Sciences | Folk And Minor Art In India | Prof. Shatarupa Thakruta Roy | IITK | 8 weeks |
| 221 | Humanities and Social Sciences | Visual Perception and Art: A Survey Across the Cultures | Prof. Soumik Nandy Majumdar | IITK | 4 weeks |
| 222 | Humanities and Social Sciences | Positive Psychology | Prof. Kamlesh Singh | IITD | 8 weeks |
| 223 | Humanities and Social Sciences | Consumer Psychology | Prof. Naveen Kashyap | IITG | 8 weeks |
| 224 | Humanities and Social Sciences | Patent Law For Engineers And Scientists | Prof. Feroze Ali | IITM | 12 weeks |
| 225 | Humanities and Social Sciences | Patent Drafting For Beginners | Prof. Feroze Ali | IITM | 4 weeks |
| 226 | Management | Project Management | Prof. Raghu Nandan Sengupta | IITK | 8 weeks |
| 227 | Management | Project management for managers | Prof. Mukesh Kumar Barua | IITR | 12 weeks |
| 228 | Management | Training Of Trainers Or Managerial Skills For Interpersonal Dynamics | Prof. Santosh Rangnekar | IITR | 12 Weeks |
| 229 | Management | Knowledge Management | Prof. K B L Srivastava | IITKGP | 8 weeks |
| 230 | Management | Leadership | Prof. Kalyan Chakravarti and Prof. Tuheena Mukherjee | IITKGP | 4 Weeks |
| 231 | Management | Educational Leadership | Prof. Atasi Mohanty | IITKGP | 8 weeks |
| 232 | Management | Management Accounting | Prof. Anil K. Sharma | IITR | 12 Weeks |
| 233 | Management | Financial Accounting | Prof. Varadraj Bapat | IITB | 8 weeks |
| 234 | Management | Cost Accounting | Prof. Varadraj Bapat | IITB | 4 Weeks |
| 235 | Management | Financial Derivatives & Risk Management | Prof. J. P. Singh | IITR | 12 Weeks |
| 236 | Management | Working Capital Management | Prof. Anil K. Sharma | IITR | 12 Weeks |
| 237 | Management | Applied Econometrics | Prof. Tutan Ahmed | IITKGP | 12 Weeks |
| 238 | Management | Practitioners Course In Descriptive,Predictive And Prescriptive Analytics | Prof. Deepu Philip / Prof. Amandeep Singh / Mr.Sanjeev Newar | IITK | 8 weeks |
| 239 | Management | Decision-Making Under Uncertainty | Prof. N. Gautam | Texas A&amp;M Univ. | 4 Weeks |
| 240 | Management | Decisison making using financial accounting | Prof. G Arun Kumar | IITM | 8 weeks |
| 241 | Management | Data Analysis & Decision Making - III | Prof. Raghu Nandan Sengupta | IITK | 12 Weeks |
| 242 | Management | Business Analytics & Data Mining Modeling Using R Part II | Prof. Gaurav Dixit | IITR | 4 Weeks |
| 243 | Management | Business Analytics & Text Mining Modeling Using Python | Prof. Gaurav Dixit | IITR | 8 weeks |
| 244 | Management | Game Theory | Prof.K.S. Mallikarjuna Rao | IITB | 8 weeks |
| 245 | Management | Marketing Management-I | Prof. Jayanta Chatterjee / Prof. Shashi Shekhar Mishra | IITK | 8 weeks |
| 246 | Management | Marketing research and analysis | Prof. J.K.Nayak | IITR | 8 weeks |
| 247 | Management | Economics of Health and Health Care | Prof. Angan Sengupta | ITK | 8 weeks |
| 248 | Management | Human Resource Development | Prof. KBL Srivastava | IITKGP | 12 Weeks |
| 249 | Management | Performance and Reward Management | Prof. Sushmita Mukhopadhyay | IITKGP | 12 Weeks |
| 250 | Management | Corporate Social Responsibility | Prof. Aradhna Malik | IITKGP | 8 weeks |
| 251 | Management | E-Business | Prof. Mamata Jenamani | IITKGP | 12 Weeks |
| 252 | Management | Innovation, Business Models and Entrepreneurship | Prof. Rajat Agarwal, Prof. Vinay Sharma | IITR | 8 weeks |
| 253 | Management | The Ethical Corporation | Prof. Chhanda Chakraborty | IITKGP | 8 weeks |
| 254 | Management | Toyota Production System | Prof. Rajat Agarwal | IITR | 8 weeks |
| 255 | Management | Intellectual Property Rights and Competition Law | Prof. KD Raju & Prof. Niharika Sahoo Bhattacharya | IITKGP | 8 weeks |
| 256 | Management | Patent Search for Engineers and Lawyers | Prof. M Padmavati & Prof. Shreya Matilal | IITKGP | 8 weeks |
| 257 | Mathematics | Calculus of One Real Variable | Prof. Joydeep Dutta | IITK | 8 weeks |
| 258 | Mathematics | Calculus of more than one real variable | Prof. Joydeep Dutta | IITK | 8 weeks |
| 259 | Mathematics | Integral Transforms And Their Applications | Prof. Sarthok Sircar | IITD | 12 weeks |
| 260 | Mathematics | Numerical methods | Prof. Ameeya Kumar Nayak and Prof. Sanjeev Kumar | IITR | 8 weeks |
| 261 | Mathematics | Higher Engg. Mahematices | Prof. P. N. Agarwal | IITR | 12 Weeks |
| 262 | Mathematics | Introduction to Abstract and Linear Algebra | Prof. Sourav Mukhopadhyay | IITKGP | 8 weeks |
| 263 | Mathematics | Introduction to Abstract Group Theory | Prof. Krishna Hanumanthu | CMI | 8 weeks |
| 264 | Mathematics | Introduction to R Software | Prof. Shalabh | IITK | 8 weeks |
| 265 | Mathematics | Introduction To Rings And Fields | Prof. Krishna Hanumantha | CMI | 8 Weeks |
| 266 | Mathematics | Mathematical Finance | Prof. N. Selvaraju, Prof. Siddhartha Pratim Chakrabarty | IITG | 12 Weeks |
| 267 | Mathematics | Mathematical Methods for Boundary Value Problems | Prof. Somnath Bhattacharya | IITKGP | 4 Weeks |
| 268 | Mathematics | Matrix Analysis with Applications | Prof. S.K.Gupta, Prof. Sanjeev Kumar | IITR | 8 weeks |
| 269 | Mathematics | Operations Research | Prof. Kusumdeep | IITR | 4 Weeks |
| 270 | Mathematics | Stochastic Processes | Prof. S Dharmaraja | IITD | 12 Weeks |
| 271 | Mathematics | Introduction to Fuzzy Set Theory, Arithmetic and Logic | Prof. Nilladri Chaterjee | IITD | 12 Weeks |
| 272 | Mechanical Engineering | Industrial Safety Engineering | Prof. Jhareswar Maiti | IITKGP | 12 Weeks |
| 273 | Mechanical Engineering | Engineering Mechanics | Prof. K.Ramesh | IITM | 12 weeks |
| 274 | Mechanical Engineering | Engineering Fracture Mechanics | Prof. K.Ramesh | IITM | 12 weeks |
| 275 | Mechanical Engineering | Solid Mechanics | Prof. Ajeet Kumar | IITD | 12 weeks |
| 276 | Mechanical Engineering | Fundamentals of manufacturing processes | Prof. D. K Dwivedi | IITR | 12 Weeks |
| 277 | Mechanical Engineering | Manufacturing Systems Technology | Prof. Shantanu Bhattacharya | IITK | 12 weeks |
| 278 | Mechanical Engineering | Computer numerical control CNC of machine tools and processes | Prof. Asimava Roy Choudhury | IITKGP | 4 Weeks |
| 279 | Mechanical Engineering | Mathematical Modeling Of Manufacturing Processes | Prof. Swarup Bag | IITG | 12 Weeks |
| 280 | Mechanical Engineering | Design for Quality, Manufacturing and Assembly | Prof. Palaniappan Ramu | IITM | 8 weeks |
| 281 | Mechanical Engineering | Machine Design - I | Prof. Anil Kumar | IITR | 12 Weeks |
| 282 | Mechanical Engineering  | Design Practice | Prof. Shantanu Bhattacharya | IITK | 8 weeks |
| 283 | Mechanical Engineering | Work System Design | Prof. Inderdeep Singh | IITR | 12 Weeks |
| 284 | Mechanical Engineering | Value Engineering | Prof. Inderdeep Singh | IITR | 4 weeks |
| 285 | Mechanical Engineering | Principles of Metal Forming Technology | Prof. Pradeep Kumar Jha | IITR | 8 weeks |
| 286 | Mechanical Engineering | Advanced Concepts in Fluid Mechanics | Prof. Suman Chakraborty & Prof. Aditya Bandyopadhyay | IITKGP | 12 Weeks |
| 287 | Mechanical Engineering | Two-Phase flow with phase change in conventional and miniature channels | Prof. Manmohan Pandey | IITG | 4 Weeks |
| 288 | Mechanical Engineering | Fluid Machines | Prof. Sankar Kumar Som | IITKGP | 8 Weeks |
| 289 | Mechanical Engineering | Applied Ergonomics | Prof. Shantanu Bhattacharya and Prof. Ankur Gupta | IITK | 12 weeks |
| 290 | Mechanical Engineering | Concepts of Thermodynamics | Prof. Suman Chakraborty & Prof. Aditya Bandopadhyay | IITKGP | 12 Weeks |
| 291 | Mechanical Engineering | Applied Thermodynamics For Engineers | Prof.Dipankar N. Basu | IITG | 12 Weeks |
| 292 | Mechanical Engineering | Refrigeration and air-conditioning | Prof. Ravi Kumar | IITR | 8 Weeks |
| 293 | Mechanical Engineering | Fundamentals of Conduction and Radiation | Prof. Amaresh Dalal Prof. Dipankar N.Basu | IITG | 12 Weeks |
| 294 | Mechanical Engineering | Energy Conservation and Waste Heat Recovery | Prof. Prasanta Kr Das & Prof. Anandaroop Bhattacharya | IITKGP | 12 Weeks |
| 295 | Mechanical Engineering | Fundamentals of Gas Dynamics | Prof. Sameen.A | IITM | 12 Weeks |
| 296 | Mechanical Engineering | Heat Exchangers: Fundamentals and Design Analysis | Prof. Prasanta Kr Das & Prof. Indranil Ghosh | IITKGP | 12 Weeks |
| 297 | Mechanical Engineering | Steam Power Engineering | Prof. Vinayak N. Kulkarni | IITG | 8 weeks |
| 298 | Mechanical Engineering | Power Plant Engg. | Prof. Ravi Kumar | IITR | 8 weeks |
| 299 | Mechanical Engineering | Turbulent Combustion: Theory and Modelling | Prof. Ashok De | IITK | 12 weeks |
| 300 | Mechanical Engineering | Dynamic Behaviour Of Materials | Prof. Prasenjit Khanikar | IITG | 12 Weeks |
| 301 | Mechanical Engineering | Plastic Working Of Metallic Materials | Prof. P.S. Robi | IITG | 12 Weeks |
| 302 | Mechanical Engineering | Manufacturing of Composites | Prof. J. Ramkumar | IITK | 8 weeks |
| 303 | Mechanical Engineering | Smart Materials and Intelligent System Design | Prof. Bisakh Bhattacharya | IITK | 4 weeks |
| 304 | Mechanical Engineering | Fundamentals of Surface Engineering: Mechanisms,Processes and Characterizations | Prof. D.K. Dwivedi | IITR | 12 Weeks |
| 305 | Mechanical Engineering | Engineering Metrology | Prof. J. Ramkumar and Prof. Amandeep Singh | IITK | 12 weeks |
| 306 | Mechanical Engineering | Principles Of Industrial Engineering | Prof. D. K. Dwivedi | IITR | 12 Weeks |
| 307 | Mechanical Engineering | Fundamentals Of Artificial Intelligence | Prof. Shyamanta M. Hazarika | IITG | 12 Weeks |
| 308 | Mechanical Engineering | Noise Management and Control | Prof. Nachiketa Tiwari | IITK | 12 weeks |
| 309 | Mechanical Engineering | Selection Of Nanomaterials For Energy Harvesting And Storage | Prof.Kaushik Pal | IITR | 4 weeks |
| 310 | Mechanical Engineering | Robotics | Prof. DK Pratihar | IITKGP | 8 weeks |
| 311 | Mechanical Engineering | A short lecture series on contour integration in the complex plane | Prof. Venkata Sonti | IISc | 4 Weeks |
| 312 | Mechanical Engineering | Aircraft Propulsion | Prof. Vinayak N. Kulkarni | IITG | 12 weeks |
| 313 | Metallurgical & Materials Engineering | Advanced Materials and Processes | Prof. Jayanta Das | IITKGP | 12 Weeks |
| 314 | Metallurgical & Materials Engineering | An Introduction to Materials: Nature and Properties (Part 1: Structure of Materials) | Prof. Ashish Garg | IITK | 8 weeks |
| 315 | Metallurgical & Materials Engineering | Corrosion - Part I | Prof. Kallol Mondol | IITK | 8 weeks |
| 316 | Metallurgical & Materials Engineering | Corrosion - Part II | Prof. Kallol Mondol | IITK | 8 weeks |
| 317 | Metallurgical & Materials Engineering | Fundamentals and Applications of Dielectric Ceramics | Prof. KAshish Garg | IITK | 8 weeks |
| 318 | Metallurgical & Materials Engineering | Thermo-Mechanical And Thermo-Chemical Processes | Prof. Vivek Pancholi & Prof. S. R. Meka | IITR | 8 weeks |
| 319 | Metallurgical & Materials Engineering | Welding of Advanced High Strength Steels for Automotive Applications. | Prof. Murugaiyan Amirthalingam | IITM | 4 weeks |
| 320 | Metallurgical & Materials Engineering | Weding Metallurgy | Prof. Pradeep K. Jha | IITR | 12 Weeks |
| 321 | Metallurgical & Materials Engineering | Physics of Materials | Prof. Prathap Haridoss | IITM | 12 weeks |
| 322 | Metallurgical & Materials Engineering | Nanotechnology, Science and Applications | Prof. Prathap Haridoss | IITM | 8 weeks |
| 323 | Metallurgical & Materials Engineering | Structural Analysis of Nanomaterials | Prof. Kaushik Pal | IITR | 4 Weeks |
| 324 | Metallurgical & Materials Engineering | Science And Technology Of Steel making Processes | Prof. Nikhil Dhawan & Prof. Pradeep K. Jha | IITR | 12 Weeks |
| 325 | Metallurgical & Materials Engineering | Fundamentals of electronic device fabrication | Prof. Parasuraman Swaminathan | IITM | 4 Weeks |
| 326 | Metallurgical & Materials Engineering | Biomaterials for bone tissue engineering applications | Prof. Bikramjit Basu | IISc | 8 weeks |
| 327 | Metallurgical & Materials Engineering | Transport Phenomena In Materials | Prof. Gandham Phanikumar | IITM | 12 Weeks |
| 328 | Multidisciplinary | Teaching And Learning in General Programs: TALG | Prof. N J Rao | IISc | 4 Weeks |
| 329 | Multidisciplinary | (TALE 2: Course Design and Instruction of Engineering Courses) | Prof. N J Rao | IISc | 8 weeks |
| 330 | Multidisciplinary | Accreditation and Outcome based Learning  | Prof. AK Ray (Retd.) and Prof. SK Das Mandal | IITKGP | 8 weeks |
| 331 | Multidisciplinary | Designing Learner-Centric MOOCs | Prof.Sridhar IyerProf. Sahana Murthy Dr. Jayakrishnan MDr. Sameer Sahasrabudhe | IITB | 4 Weeks |
| 332 | Multidisciplinary | Foundations of Learning Sciences | Prof. Chandan Dasgupta | IITB | 4 Weeks |
| 333 | Multidisciplinary | Introduction To Learning Analytics | Prof. Ramkumar Rajendran | IITB | 4 Weeks |
| 334 | Multidisciplinary | Introduction to Research | Prof. Prathap Haridoss | IITM | 8 weeks |
| 335 | Multidisciplinary | Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts | Prof. Brajesh Kumar Dubey | IITKGP | 12 Weeks |
| 336 | Multidisciplinary | Ecology and Environment | Prof. Abhijit Deshpande & Prof. R. Ravi Krishna | IITM | 8 weeks |
| 337 | Multidisciplinary | Health Research Fundamentals | Prof. Sanjay Mehendale,Dr. Manoj V Murhekar,Dr. R Ramakrishnan,Dr. Tarun Bhatnagar,Dr. Prabhdeep Kaur,Dr. P. Manickam,Dr. P GaneshKumar | NIE | 8 weeks |
| 338 | Multidisciplinary | Manage TB | Prof. Mohan Natrajan & Dr. V V Banu Rekha | NIRT | 8 weeks |
| 339 | Multidisciplinary | Stress Management | Prof. Rajlakshmi Guha | IITKGP | 4 Weeks |
| 340 | Multidisciplinary | Basics of e-learning design | Prof. Sahana Murthy | IITB | 4 Weeks |
| 341 | Multidisciplinary | Neuroscience of Human Movements | Prof. Varadhan | IITM | 12 weeks |
| 342 | Multidisciplinary | Sustainable and Affordable Sanitation Solutions For Small Towns: Policy, Planning and Practice | Prof. N.C Narayanan | IITB | 4 weeks |
| 343 | Multidisciplinary | Computational Techniques | Prof. Niket Kaisare | IITM | 12 weeks |
| 344 | OceanEngineering | HSE Practices for Offshore and Petroleum Industries | Prof. Srinivasan Chandrasekaran | IITM | 12 Weeks |
| 345 | Physics | Introduction to Electromagnetic Theory | Prof. Manoj Harbola | IITK | 8 weeks |
| 346 | Physics | Experimental Physics | Prof. Amal Kumar Das | IITKGP | 12 Weeks |
| 347 | Physics | Introduction To Statistical Mechanics | Prof.Girish S. Setlur | IITG | 8 weeks |
| 348 | Physics | Numerical Methods And Simulation Techniques For Scientists And Engineers | Prof. Saurabh Basu | IITG | 8 weeks |
| 349 | Physics | Physics of Turbulence | Prof. Mahendra K. Verma | IITK | 12 weeks |
| 350 | Physics | Special Relativity and Applications | Prof. Sreerup Raychaudhuri, TIFR | IITK | 8 weeks |
| 351 | Physics | Solar Photovoltaics Fundamentals, Technology And Applications | Prof. Soumitra SataPathi | IITR | 8 weeks |
| 352 | Physics | Solid State Physics | Prof. Amal Kumar Das | IITKGP | 12 Weeks |
| 353 | Physics | Theoretical Mechanics | Prof. Charudatt Kadolkar | IITG | 8 weeks |
| 354 | Physics | Computational Physics | Prof. Apratim Chatterji Prof. Prasenjit Ghosh | IISER Pune | 12 Weeks |
| 355 | Physics | Path Integral Methods In Quantum Physics | Prof. Yajnik | IITB | 8 Weeks |
| 356 | Textile Technology | Textile Finishing | Prof. Kushal Sen | IITD | 12 Weeks |
| 357 | Textile Technology | Principles of Combing,Roving preparation & Ring spinning | Prof. R Chattopadhyay | IITD | 12 Weeks |
| 358 | Textile Technology | Theory of structure and Mechanics of Textile Materials | Prof. Dipayan das | IITD | 12 Weeks |
| 359 | Textile Technology | Science of Clothing Comfort  | Prof. Apurba Das | IITD | 12 Weeks |
| 360 | Textile Technology | Yarn manufacture I : Principle of Carding and Drawing | Prof. R Chattopadhyay | IITD | 8 weeks |
| 361 | Textile Technology | Science and Technology of Weft and Warp Knitting | Prof. Bipin Kumar | IITD | 12 Weeks |

**Indian Institute of Management (IIM) Bangalore Courses on SWAYAM July 2019**

* Total number of Courses - 19
* Number of New courses - 5
* Number of Rerun courses – 14

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| --- | --- | --- | --- |
| **S. No** | **Name of Course** | **Course Coordinator** | **Type of Course** |
| 1 | New Product Development | Ganesh N Prabhu | New |
| 2 | Introduction to Retail Management | Ashis Mishra | New |
| 3 | Entrepreneurship: Do your Venture | Suresh Bhagavatula | New |
| 4 | Brand Management | Preeti Krishnan Lyndem | New |
| 5 | Managing Innovation | * Rishikesha T Krishnan
* Vinay Dabholkar
 | New |
| 6 | Management Accounting for Decision Making | MS Narasimhan | Re Run |
| 7 | Financial Accounting and Analysis | Padmini Srinivasan | Re Run |
| 8 | Introduction to Strategic Management | * PD Jose
* Rejie George
* Sai Yayavaram
 | Re Run |
| 9 | Introduction to Investments | S G Badrinath | Re Run |
| 10 | Customer Relationship Management | Shainesh G | Re Run |
| 11 | Introduction to Marketing Essentials | Ashis Mishra | Re Run |
| 12 | Strategy and the Sustainable Enterprise | PD Jose | Re Run |
| 13 | Creating Happy and Meaningful career | Ramya Ranganathan | Re Run |
| 14 | Effective Business Communication | * Bringi Dev
* Rakesh Godwani
 | Re Run |
| 15 | Organizational Design | Sourav Mukherji | Re Run |
| 16 | Introduction to Managerial Economics | Subhashish Gupta | Re Run |
| 17 | Introduction to Operations Management | B Mahadevan | Re Run |
| 18 | Intellectual Property Rights | Damodaran A | Re Run |
| 19 | Manufacturing Competitiveness | Shishir Bharadwaj | Re Run |

**IGNOU - List of Programmes offered through SWAYAM for 4th Run**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Course Title** | **Run/ Re-Run** |
| 1 | Food Laws and Standards | Re-Run |
| 2 | Technology of Fermented, Cheese, Ice-cream and By- Products | Re-Run |
| 3 | Indian Agricultural Development | Re-Run |
| 4 | Sustainable Management of Biodiversity | Re-Run |
| 5 | Introduction to Poultry Farming | Re-Run |
| 6 | Design and Facilitation of E- Learning Courses | Re-Run |
| 7 | Basics of Russian: Communication Skills- Part 1 | Re-Run |
| 8 | Library Automation and Digitisation | Re-Run |
| 9 | Document Processing and Organisation | Re-Run |
| 10 | Information Sources and Library Services | Re-Run |
| 11 | Database and Content Organisation | Re-Run |
| 12 | Certificate Course in Environmental Sustainability | Re-Run |
| 13 | Awareness programme on Solar Water Pumping System | Re-Run |
| 14 | Commercial Fruit Production: Pomegranate & Guava | Re-Run |
| 15 | Introduction to GST | New |
| 16 | Introduction to Cyber Security  | New |

**NITTTR Chennai**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Course Name** | **New/Rerun** |
| 1 | Instructional Media |  |
| 2 | Learning Management System |  |
| 3 | Outcome Based Assessment |  |
| 4 | Academic Audit |  |
| 5 | Technical Education for Sustainable Development.  |  |

**NCERT MOOCs on SWAYAM for April, 2019 Cycle**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Course Name** | **Name of the CC** | **New/Rerun** |
| **For Students** |
| 1 | NCERT Biology XI 01 | Prof. Sunita Farkya | Rerun |
| 2 | NCERT Biology XII 03 | Dr. C.V. Shimray | Rerun |
| 3 | NCERT Chemistry XI 01 | Prof. Alka Mehrotra | Rerun |
| 4 | NCERT Chemistry XII 03 | Prof. Anjni Koul | Rerun |
| 5 | NCERT Economics XI 01 | Prof. Neerja Rashmi | Rerun |
| 6 | NCERT Economics XII 03 | Dr. Jaya Singh | Rerun |
| 7 | Food Nutrition for Healthy Living | Prof. Poonam Aggarwal | Rerun |
| 8 | NCERT Physics XI 01 | Ms. Anuradha Mathur | Rerun |
| 9 | NCERT Physics XII 03 | Ms. Anuradha Mathur | Rerun |
| 10 | NCERT Psychology XI 01 | Prof. Anjum Sibia | Rerun |
| 11 | NCERT Psychology XII 02 | Dr. Prabhat Kumar Mishra | Rerun |
| **For Teachers** |
| 12 | Online course for Teachers Teaching Urdu at Secondary Stage | Prof. Mohd. Faruq Ansari | Rerun |
| 13 | Action Research for Teachers | Prof. Rajendra Pal | Rerun |

**National Institute of Open Schooling (NIOS) - List of RE-RUN COURSES By October 2019**

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| **Secondary Courses** |
| **S. No** | **Course Title** |
| 1 | Secondary (Hindi) |
| 2 | Secondary (English) |
| 3 | Secondary (Maths) |
| 4 | Secondary (Science and tech) |
| 5 | Secondary (Economics) |
| 6 | Secondary: Home Science |
| 7 | Secondary (Psychology) |
| 8 | Secondary (Painting) |
| **Senior Secondary Courses** |
| **S. No** | **Course Title** |
| 1 | Sr. Secondary: Hindi 301 |
| 2 | Sr. Secondary: English 302 |
| 3 | Sr. Secondary: Mathematics 311 |
| 4 | Sr. Secondary: Physics 312 |
| 5 | Sr. Secondary: Chemistry 313 |
| 6 | Sr. Secondary: Biology 314 |
| 7 | Sr. Secondary: Geography 316 |
| 8 | Sr. Secondary: Economics 318 |
| 9 | Sr. Secondary: Home Science 321 |
| 10 | Sr. Secondary: Psychology 328 |
| 11 | Sr. Secondary: Sociology 331 |
| 12 | Sr. Secondary: Painting 332 |
| 13 | Sr. Secondary: Environmental Science 333 |
| 14 | Sr. Secondary: Library and Information Science 339 |
| 15 | Sr. Secondary: Business Studies(319) - NewRun from April 2019 |
| 16 | Sr. Secondary: Introduction to Laws(338) - NewRun from April 2019 |
| **Vocational Courses** |
| **S. No** | **Subjects** |
| 1 | Yoga Teaching' Training Programme |
| 2 | Bee keeping |
| 3 | Beauty Therapy |
| 4 | Panchkarma Assistant |
| 5 | Insurance Services - NewRun from April 2019 |
| 7 | CRM Domestic voice - NewRun from April 2019 |

**Total Courses = 8 (Secondary) + 16 (Senior Secondary) + 06 (Vocational) = 30 Courses**

**Agenda Item No.8**

**Procurement of SWAYAM Prabha Studio Equipment for INFLIBNET**

**Purport**

The objective of this Note is to seek approval of the Board for procurement of SWAYAM Prabha studio equipment for INFLIBNET

**Background**

INFLIBNET since beginning has been handling the SWAYAM Prabha portal. Last year the running of Channel No. 29 has been entrusted to INFLIBNET. They also do the recording for the SWAYAM courses under UGC. INFLIBNET is the course coordinator for some of the library science courses in SWAYAM. They also handle a number of e-content projects of MHRD like Vidya Mitra, e-Pathasala etc. INFLIBNET has requested for one set of Studio Equipment so that they can establish a media processing lab.

The Chief coordinator office at IIT Madras has finalised a tender for procurement of studio equipment and procured 3 sets of studio equipment for IIT Madras. The cost of one set of Studio Equipment works out to Rs. 38 Lakhs (Cost of Equipment Rs. 36 Lakhs plus Rs. 2 Lakhs towards installation, warranty and maintenance). The Chief Coordinator has indicated that they can procure one set for INFLIBNET with the funds available with them under SWAYAM Prabha. Letter from Chief Coordinator, IIT Madras is at **Annexure II**

**Approval Sought**

Approval of the Board is sought for procurement of one set of Studio Equipment for INFLIBNET costing Rs. 38 Lakhs, using the funds available under SWAYAM Prabha with Chief Coordinator IIT Madras.

**Annexure II**



**Thank You**