



पुण्यश्लोक अहिल्यादेवी होळकर  
सोलापूर विद्यापीठ

॥ विश्वा संयन्त्रा ॥

NAAC Accredited-2015

'B' Grade (CGPA 2.62)

पुण्यश्लोकअहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर  
अभ्यासमंडळे विभाग

संदर्भ क्र.पुअहोसोविसो/२०१९-२०/ 5304

दिनांक -8 JUL 2019

प रि प त्र क

प्रति,  
मा.प्राचार्य/प्राचार्या/संचालक,  
सर्व संलग्नित अभियांत्रिकी महाविद्यालये,  
पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ  
सोलापूर.

विषय:- NPTEL & Self Learning Courses बाबत.

महोदय,

सर्व संलग्नित अभियांत्रिकी महाविद्यालयांचे प्राचार्य/प्राचार्या/संचालक, यांना कळविण्यात येते की, शैक्षणिक वर्ष २०१९-२० पासून अभियांत्रिकी सर्व शाखा पदवी अभ्यासक्रमाच्या तृतीय वर्ष प्रथम सत्रास सोबत जोडलेल्या यादीप्रमाणे NPTEL & Self Learning Courses लागू करण्यात आले आहेत. तसेच उपरोक्त दिलेल्या NPTEL & Self Learning Courses विद्यार्थ्यांनी निवडण्याबद्दलची नियमावली व यादी विद्यापीठाच्या खाली दिलेल्या संकेतस्थळावर उपलब्ध करून देण्यात आलेली आहे.

१) su.digitaluniversity.ac ———> Downloads

२) su.digitaluniversity.ac ———> BOS (Syllabus, Circulars.etc) ———> Top links ———> new syllabus (CBCS) 2019- ———>

उपरोक्त प्रमाणे सदर NPTEL बाबत व Self Learning Courses बाबतची महिती ही आपल्या महाविद्यालयातील / कार्यालयातील संबंधित अध्यापक / प्रशासकीय अधिकारी, विद्यार्थी व इतर सर्व संबंधितांच्या निदर्शनास आणून द्यावे, ही विनंती.

कळावे,

आपला विश्वासू

(डॉ. वि. भा. घुटे)

कुलसचिव

प्रत:- माहितीस्तव व पुढील कार्यवाहीस्तव

परीक्षा व मूल्यमापन मंडळ / संगणक विभाग पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ,  
सोलापूर.



PAH SOLAPUR UNIVERSITY, SOLAPUR

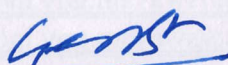
List of the NPTEL Courses That Can be Opted as Self Learning (HSS) at T.E. Sem I  
For All Branches of Engineering & Technology, AY 2019-20 Semester I, July 04, 2019

| Sr  | Course ID  | Course Name  | Duration | Starting Date | Enrollment URL  |
|-----|------------|--|----------|---------------|---|
| 1.  | noc19-hs31 | Technical English for Engineers  | 8 weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_hs31/">https://swayam.gov.in/nd1_noc19_hs31/</a> |
| 2.  | noc19-hs32 | Developing Soft Skills and Personality                                     | 8 weeks  | 26-Aug-19     | <a href="https://swayam.gov.in/nd1_noc19_hs32/">https://swayam.gov.in/nd1_noc19_hs32/</a> |
| 3.  | noc19-hs33 | Soft Skills  | 12 weeks | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_hs33/">https://swayam.gov.in/nd1_noc19_hs33/</a> |
| 4.  | noc19-hs35 | Ethics in Engineering Practice   | 8 weeks  | 26-Aug-19     | <a href="https://swayam.gov.in/nd1_noc19_hs35/">https://swayam.gov.in/nd1_noc19_hs35/</a> |
| 5.  | noc19-hs36 | Interpersonal Skills   | 8 Weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_hs36/">https://swayam.gov.in/nd1_noc19_hs36/</a> |
| 6.  | noc19-hs42 | Energy Economics And Policy  | 8 weeks  | 26-Aug-19     | <a href="https://swayam.gov.in/nd1_noc19_hs42/">https://swayam.gov.in/nd1_noc19_hs42/</a> |
| 7.  | noc19-hs54 | Text, Textuality and Digital Media   | 12 weeks | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_hs54/">https://swayam.gov.in/nd1_noc19_hs54/</a> |
| 8.  | noc19-hs58 | Disability Studies: an introduction  | 8 weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_hs58/">https://swayam.gov.in/nd1_noc19_hs58/</a> |
| 9.  | noc19-hs63 | Positive Psychology  | 8 weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_hs63/">https://swayam.gov.in/nd1_noc19_hs63/</a> |
| 10. | noc19-hs64 | Consumer Psychology  | 8 weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_hs64/">https://swayam.gov.in/nd1_noc19_hs64/</a> |
| 11. | noc19-hs65 | Patent Law For Engineers And Scientists                                    | 12 weeks | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_hs65/">https://swayam.gov.in/nd1_noc19_hs65/</a> |
| 12. | noc19-mg30 | Project Management   | 8 weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_mg30/">https://swayam.gov.in/nd1_noc19_mg30/</a> |
| 13. | noc19-mg31 | Project Management for Managers  | 12 weeks | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_mg31/">https://swayam.gov.in/nd1_noc19_mg31/</a> |
| 14. | noc19-mg33 | Knowledge Management   | 8 weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_mg33/">https://swayam.gov.in/nd1_noc19_mg33/</a> |
| 15. | noc19-mg36 | Management Accounting  | 12 Weeks | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_mg36/">https://swayam.gov.in/nd1_noc19_mg36/</a> |
| 16. | noc19-mg37 | Financial Accounting   | 8 weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_mg37/">https://swayam.gov.in/nd1_noc19_mg37/</a> |
| 17. | noc19-mg39 | Financial Derivatives & Risk Management                                    | 12 Weeks | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_mg39/">https://swayam.gov.in/nd1_noc19_mg39/</a> |
| 18. | noc19-mg40 | Working Capital Management   | 12 Weeks | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_mg40/">https://swayam.gov.in/nd1_noc19_mg40/</a> |
| 19. | noc19-mg42 | Practitioners Course In Descriptive, Predictive And Prescriptive Analytics | 8 weeks  | 26-Aug-19     | <a href="https://swayam.gov.in/nd1_noc19_mg42/">https://swayam.gov.in/nd1_noc19_mg42/</a> |
| 20. | noc19-mg44 | Decision making using financial accounting                                 | 8 weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_mg44/">https://swayam.gov.in/nd1_noc19_mg44/</a> |
| 21. | noc19-mg48 | Marketing Management-I   | 8 weeks  | 29-Jul-19     | <a href="https://swayam.gov.in/nd1_noc19_mg48/">https://swayam.gov.in/nd1_noc19_mg48/</a> |

Ganesh  
4/3/2019

Mukesh  
04/07/19

| <i>Sr.</i> | <i>Course ID</i> | <i>Course Name</i>  | <i>Duration</i> | <i>Starting Date</i> | <i>Enrollment URL</i>   |
|------------|------------------|---|-----------------|----------------------|---|
| 22.        | noc19-mg49       | Marketing research and analysis   | 8 weeks         | 26-Aug-19            | <a href="https://swayam.gov.in/nd1_noc19_mg49/">https://swayam.gov.in/nd1_noc19_mg49/</a> |
| 23.        | noc19-mg51       | Human Resource Development  | 12 Weeks        | 29-Jul-19            | <a href="https://swayam.gov.in/nd1_noc19_mg51/">https://swayam.gov.in/nd1_noc19_mg51/</a> |
| 24.        | noc19-mg52       | Performance and Reward Management   | 12 Weeks        | 29-Jul-19            | <a href="https://swayam.gov.in/nd1_noc19_mg52/">https://swayam.gov.in/nd1_noc19_mg52/</a> |
| 25.        | noc19-mg53       | Corporate Social Responsibility   | 8 weeks         | 29-Jul-19            | <a href="https://swayam.gov.in/nd1_noc19_mg53/">https://swayam.gov.in/nd1_noc19_mg53/</a> |
| 26.        | noc19-mg54       | E-Business  | 12 Weeks        | 29-Jul-19            | <a href="https://swayam.gov.in/nd1_noc19_mg54/">https://swayam.gov.in/nd1_noc19_mg54/</a> |
| 27.        | noc19-mg55       | Innovation, Business Models and Entrepreneurship  | 8 weeks         | 26-Aug-19            | <a href="https://swayam.gov.in/nd1_noc19_mg55/">https://swayam.gov.in/nd1_noc19_mg55/</a> |
| 28.        | noc19-mg56       | The Ethical Corporation   | 8 weeks         | 29-Jul-19            | <a href="https://swayam.gov.in/nd1_noc19_mg56/">https://swayam.gov.in/nd1_noc19_mg56/</a> |
| 29.        | noc19-mg58       | Intellectual Property Rights and Competition Law  | 8 weeks         | 29-Jul-19            | <a href="https://swayam.gov.in/nd1_noc19_mg58/">https://swayam.gov.in/nd1_noc19_mg58/</a> |
| 30.        | noc19-mg59       | Patent Search for Engineers and Lawyers   | 8 weeks         | 29-Jul-19            | <a href="https://swayam.gov.in/nd1_noc19_mg59/">https://swayam.gov.in/nd1_noc19_mg59/</a> |
| 31.        | noc19-ge22       | Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts | 12 Weeks        | 29-Jul-19            | <a href="https://swayam.gov.in/nd1_noc19_ge22/">https://swayam.gov.in/nd1_noc19_ge22/</a> |
| 32.        | noc19-ge23       | Ecology and Environment   | 8 weeks         | 26-Aug-19            | <a href="https://swayam.gov.in/nd1_noc19_ge23/">https://swayam.gov.in/nd1_noc19_ge23/</a> |



Dr. S.R. Gengaje

Associate Dean, Faculty of Science & Technology  
July 04, 2019



Dr. V.P. Ubale

Incharge Dean, Faculty of Science & Technology



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## Punyashlok Ahilyadevi Holkar Solapur University, Solapur

### Integration of NPTEL Courses into Curriculum of Engineering & Technology

- **Preamble :** Globally, engineering education systems have continuously evolved, in order to address the needs of the industry and the society and India has joined this evaluation after signing the Washington Accord and adopting 'Outcome Based Education' system. Industry needs professionals who can work successfully in teams, who have leadership qualities, who are alive to social and community needs and who can bring innovation and creativity to their work. The student's learning outcomes recommended by National Board of Accreditation (NBA), India have captured these requirements as Program Outcomes related to skills, Attitude and Behavioral aspects of the graduate.

Similarly, the need for Self Learning increased in the recent years due to competition in the professional environment, and due to the need to continuously improve one's self. Self learning is learning with the aim of implementing the information into one's life; academic, professional or personal.

Realizing these two trends, Faculty of Engineering & Technology of Solapur University, Solapur has introduced two Self Learning Courses at Third Year of all Enquiring Undergraduate Programs since June 2014. The Self Learning Course at Third Year First Year comprises of Elective Courses allied to Humanities and Social Sciences, which are opted enthusiastically by students of all disciplines of engineering.

With the Third Year (TE) Curriculum Revision (from June 2018), Faculty of Engineering & Technology of Solapur University, Solapur is bringing one more reform as indicated by UGC – Introduction of NPTEL Courses.

NPTEL is an acronym for National Programme on Technology Enhanced Learning which is an initiative by seven Indian Institutes of Technology (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) and Indian Institute of Science (IISc) for creating course contents in engineering, science and humanities. NPTEL provides Online Courses which are free for all and conducts certification exam for the courses for a nominal fee. (*more information can be located at [www.nptel.ac.in](http://www.nptel.ac.in)*)

- Below are the Regulations regarding integration of NPTEL Courses into Curriculum of Faculty of Engineering & technology at Solapur University, Solapur-
  1. The said regulations will be in effect from Academic Year 2018-19 and will be applicable to all Undergraduate (UG) Engineering programs

2. The integration of NPTEL into TE curriculum is only limited to Self Learning Course (HSS) offered at TE Semester I. Student has to undertake Self Learning Course (Technical) at TE Semester II as per specified in respective TE curriculum.

3. For TE Semester I -

A. Student can select a Self Learning Course from Solapur University, Solapur HSS Course List and appear for its examination as and when conducted by Solapur University, Solapur

**OR**

B. Student can enroll for NPTEL course, complete its assignments and appear for certificate examination as and when conducted by NPTEL

4. In case student selects option B (NPTEL) as specified in Clause 3 above –

i. Student has to select NPTEL course available during time frame (July-November) and from domain of Humanities and Management only. A comprehensive list of all permissible NPTEL Courses will be declared by University. This list may be modified /appended each year appropriately by University authorities time to time. Student must select a course from this list only.

ii. It will be sole responsibility of the student to enroll for said NPTEL Course, take the course, complete the assignments allotted by NPTEL and appear for Final Certification Examination conducted by NPTEL.

iii. The total marks scored by student in NPTEL Certification will be scaled to 'out of 50' as required by marking scheme of Self Learning Course at Semester I. These marks and necessary credits will then be transferred to student's Solapur University Marklis for the head of 'Self Learning Module I (HSS)'

iv. In case, student fails/ not able to complete NPTEL course successfully –

A. He may appear for regular Self Learning Course Module I (Clause 3.A) examination conducted by Solapur University Solapur in April/ May. Hence every student must fill examination form for Self Learning Course offered by Solapur University, Solapur, irrespective of whether he is selecting option 3.A or 3.B

**OR**

B. He may select same/ new NPTEL course in Semester II and complete it successfully with examination in TE Semester II. However this NPTEL course must be from domain of Humanities & Management and shall be from list of all permissible NPTEL Courses declared by University authorities.

- v. If students fails to successfully complete Self Learning Course I (through iv.A or iv.B) the failure will be counted as a failure in one passing head of TE and all rules and regulations of Solapur University, Solapur will be applicable for the same.
- vi. Student must complete Self Learning Course (HSS) through 3.A or 3.B for award of degree
- vii. Every college must submit the list of the TE students along with the NPTEL course selected to the university at the commencement of every semester
- viii. Every college must submit photocopy of NPTEL certificates to University for all students who have successfully completed NPTEL Course immediately after declaration of NPTEL examination results to enable necessary mark and credit transfer
- ix. While allowing the online learning courses offered by NPTEL, every college shall ensure that the physical facilities like laboratories, computer facilities, library etc, essential for pursuing the courses shall be made available free and in adequate measure to the students.
- x. Every college must designate a course coordinator/facilitator to guide the students throughout the course and to facilitate/conduct the lab/practical sessions/examinations.
- xi. Any expanses towards final NPTEL examination shall be born by the student. Solapur University will not be responsible for any such expanses made by student or college.
- xii. Course coordinator shall motivate maximum students for enrolling for NPTEL Courses and shall also take efforts to obtain NPTEL scholarship for maximum students

*This document prepared by Dr. S.R. Gengaje, V0.3, July 04, 2019*