



जननायक चन्द्रशेखर विश्वविद्यालय, बलिया Jananayak Chandrashekhar University, Ballia

पत्रांक-जे0एन0सी0यू0 / आर0कैम्प(सा0प्र0) / 13308 / 2020

दिनांक: 21 अप्रैल, 2020

सेवा में,

प्राचार्य/प्राचार्या,

समस्त सम्बद्ध महाविद्यालय,

जननायक चन्द्रशेखर विश्वविद्यालय, बलिया।

विषय:-कोविड-19 महामारी में लाकडाउन के दौरान पठन-पाठन के उद्देश्य से दूरदर्शन के माध्यम से शैक्षिक क्रियाकलापों एवं भारत सरकार द्वारा उपलब्ध कराये गये ई-कन्टेन्ट्स के उपयोग के सम्बन्ध में।

महोदय/महोदया,

कृपया उपर्युक्त विषयक संलग्न शासनादेश संख्या-923/सत्तर-3-2020-8(23)/2020 दिनांक:-20 अप्रैल, 2020 का सन्दर्भ ग्रहण करने का कष्ट करें जिसके माध्यम से विश्वविद्यालयों एवं महाविद्यालयों में लाकडाउन के समय शैक्षिक गतिविधियों को सुगम बनाये रखने तथा शिक्षा की गुणवत्ता को बनाये रखने हेतु, दूरदर्शन एवं ईग्नू द्वारा शुरू किये गये ज्ञानदर्शन शैक्षिक चैनल, स्वयं प्रभा, स्वयं, नेशनल डिजिटल लाईब्रेरी, ई-यंत्र तथा FOSSEE आदि के सम्बन्ध में विश्वविद्यालय तथा महाविद्यालय में अध्ययनरत छात्रों एवं शिक्षकों को उपलब्ध कराये जाने तथा उन्हें जाबरूक किये जाने के निर्देश दिये गये हैं। दूरदर्शन एवं ईग्नू के ज्ञानदर्शन चैनल तथा ऑन-लाइन शिक्षण व्यवस्था हेतु उपलब्ध पाठ्य सामग्री के सम्बन्ध में विस्तृत विवरण शासनादेश दिनांक:-20 अप्रैल, 2020 में दिये गये हैं।

अतएव शासनादेश दिनांक:-20 अप्रैल, 2020 के क्रम में वर्णित शैक्षिक चैनलों/कार्यक्रम आदि के सम्बन्ध में विस्तृत विवरणिका/विवरण संलग्न करते हुए इस आशय से प्रेषित है कि विश्वविद्यालया तथा सभी सम्बद्ध महाविद्यालयों के शिक्षकों एवं छात्रों को जानकारी उपलब्ध कराते हुए अनुपालन सुनिश्चित कराने का कष्ट करें ताकि लाकडाउन अवधि में शैक्षिक गतिविधियों को सुगम बनाया जा सकें।

संलग्नक:-यथोक्त

भवदीय

(संजय कुमार)
कुलसचिव

प्रतिलिपि:-निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. माननीय कुलपति महोदया,
2. समस्त संकायध्यक्ष,
3. समस्त फ़ैकल्टी मेमबर्स विश्वविद्यालय परिसर,
4. सहायक/उप कुलसचिव,
5. नोडल एजेंसी को विश्वविद्यालय के वेबसाइट एवं कालेज लॉग-इन पर अपलोड कराने हेतु,

कुलसचिव

पता:-शहीद स्मारक, निकट सुरहा ताल, जिला-बलिया, उ०प्र० पिन कोड:-277001

Address:- Saheed Smarak, Near Surha Taal, Dist-Ballia, U.P. Pin Code-277001

Website:-www.jncu.ac.in E-mail :- jncuballia@gmail.com

प्रेषक,

मोनिका एस0 गर्ग,
प्रमुख सचिव
उ0प्र0 शासन।

सेवा में,

1. निदेशक,
उच्च शिक्षा,
उ0प्र0, प्रयागराज।
2. कुलसचिव,
समस्त राज्य विश्वविद्यालय,
उ0प्र0।

उच्च शिक्षा अनुभाग-3

लखनऊ : दिनांक 20 अप्रैल, 2020

विषय : कोविड-19 महामारी में लाकडाउन के दौरान पठन-पाठन के उद्देश्य से दूरदर्शन के माध्यम से शैक्षिक क्रियाकलापों एवं भारत सरकार द्वारा उपलब्ध कराये गये ई-कन्टेन्ट्स के उपयोग के सम्बन्ध में।

महोदय,

उत्तर प्रदेश राज्य के विश्वविद्यालयों एवं महाविद्यालयों में लाकडाउन के समय शैक्षिक गतिविधियों को सुगम बनाये रखने तथा शिक्षा की गुणवत्ता को बनाये रखने हेतु निम्नलिखित सुविधायें छात्रों/शिक्षकों को उपलब्ध कराये जाने/उन्हें जागरूक करने पर तत्काल कार्यवाही सुनिश्चित करें:-

1. दूरदर्शन एवं इग्नू द्वारा शुरू किये गये चार ज्ञान दर्शन शैक्षिक चैनल ज्ञान दर्शन एजुकेशनल टीवी चैनल नोडल एजेंसी के रूप में इग्नू के साथ सूचना और प्रसारण मंत्रालय (प्रसार), प्रसार भारती और इसरो के सहयोग से एम.एच.आर.डी. की एक शैक्षिक मीडिया उपलब्ध हैं। इसमें चार निःशुल्क टीवी चैनल हैं, जैसे GD-I, II (IGNOU द्वारा) GD-III, एकलावा (IIT, Delhi द्वारा) GD-IV- व्यास चैनल (UGC, CEC द्वारा)। इन कार्यक्रमों के विषय में विस्तृत जानकारी <http://www.ignouonline.ac.in/gyandarshan/> लिंक पर उपलब्ध है।
2. SWAYAM PRABHA 32 DTH निःशुल्क चैनलों का एक समूह है जो GSAT-15 उपग्रह का उपयोग करके 24X7 आधार पर उच्च गुणवत्ता वाले शैक्षिक कार्यक्रमों का प्रसारण हर दिन, कम से कम 4 घंटों के लिए नई सामग्री जो एक दिन में 5 बार दोहराई जाती, जिससे छात्रों को अपनी सुविधा के समय का चयन करने की सुविधा मिलती है। इन निःशुल्क चैनलों पर एनपीटीईएल, आईआईटी, यूजीसी, सीईसी, इग्नू, एनसीईआरटी और एनआईओएस द्वारा शिक्षण सामग्री प्रदान की जाती है।
3. SWAYAM भारत का अपना MOOCs मंच है, जो इंजीनियरिंग, कानून, प्रबंधन, मानविकी और सामाजिक विज्ञान और व्यावसायिक पाठ्यक्रमों जैसे सभी विषयों पर ऑनलाइन पाठ्यक्रम प्रदान करता है। यह शिक्षा नीति, अभिगम, इक्विटी और गुणवत्ता के तीन तार्किक सिद्धांतों को प्राप्त करने के लिए डिजाइन किया गया है। SWAYAM एक स्वदेशी रूप से विकसित क्लाउड आधारित IT प्लेटफॉर्म है जो सभी पाठ्यक्रमों को अपलोड करने की सुविधा प्रदान करता है, 9वीं कक्षा से लेकर पोस्ट ग्रेजुएशन तक की कक्षाओं में पढ़ाया जाता है ताकि किसी को भी, किसी भी समय, किसी भी जगह मुफ्त में पहुँचाया जा सके। सभी पाठ्यक्रम इंटरैक्टिव हैं, जो देश में प्रतिष्ठित शिक्षकों द्वारा तैयार किए गए हैं और कंप्यूटर / मोबाइल फोन के माध्यम से सुलभ हैं।
4. वर्चुअल लैब्स प्रयोग किए गए ज्ञान को समझने के लिए, प्रयोगों को करने, डेटा एकत्र करने और सवालों के जवाब देने के लिए एक पूरी तरह से इंटरैक्टिव सिमुलेशन वातावरण प्रदान करता है।

वर्चुअल लैब का उद्देश्य महत्वाकांक्षी परियोजनाओं को प्राप्त करने के लिए, दुनिया के वातावरण और समस्या से निपटने की क्षमता बनाने तथा अत्याधुनिक कंप्यूटर सिमुलेशन तकनीक के साथ आभासी प्रयोगशालाओं को विकसित करना है। आई.आई.टी. दिल्ली, 10 अन्य संस्थानों के साथ नोडल संस्थान के रूप में वर्चुअल लैब के प्रयोग को कोआर्डिनेट कर रहा है।

5. नेशनल डिजिटल लाइब्रेरी ऑफ इंडिया (एनडीएल इंडिया) एकल-खिड़की खोज सुविधा के साथ सीखने के संसाधनों का भंडार है।
6. ई-यन्त्र भारत के इंजीनियरिंग कॉलेजों में एम्बेडेड सिस्टम और रोबोटिक्स पर प्रभावी शिक्षा को सक्षम बनाता है। शिक्षकों और छात्रों के लिए प्रशिक्षण कार्यशालाओं के माध्यम से प्रदान किया जाता है जहां प्रतिभागियों को एम्बेडेड सिस्टम और प्रोग्रामिंग की मूल बातें सिखाई जाती हैं। प्रतियोगिता-घटना के माध्यम से रोबोट के साथ हाथों पर प्रयोगों में शिक्षकों और छात्रों की व्यस्तता आउट-ऑफ-द-बॉक्स समाधान के साथ समस्या-समाधान का एक और अभिनव तरीका है। ई-यन्त्र कॉलेजों को रोबोटिक्स लैब/क्लबों की स्थापना में मदद करता है ताकि वे इसे अपने नियमित प्रशिक्षण पाठ्यक्रम का हिस्सा बना सकें। इस पहल से पूरे भारत के 275 से अधिक विश्वविद्यालय एवं कॉलेज लाभान्वित हुए हैं। सभी परियोजनाएं और कोड ओपेन सोर्स सामग्री के रूप में ई-यन्त्र वेब-साइट www.e-yantra.org पर उपलब्ध हैं।
7. FOSSEE शैक्षिक संस्थानों में ओपेन सोर्स सॉफ्टवेयर के उपयोग को बढ़ावा देता है। वेब लिंक <http://fossee-in> पर उपलब्ध यह शिक्षण सामग्री, जैसे कि स्पोकन ट्यूटोरियल, डॉक्यूमेंटेशन, टेक्स्टबुक साथी, जागरूकता कार्यक्रम, जैसे कॉन्फ्रेंस, ट्रेनिंग वर्कशॉप और इंटरनशिप के माध्यम से करता है। टी.बी.सी. को मानक पाठ्यपुस्तकों के हल किए गए उदाहरणों के कोड के एक संग्रह के रूप में विकसित किया गया है।

उपरोक्त वर्णित शैक्षिक चैनलों/कार्यक्रमों आदि के सम्बन्ध में विस्तृत विवरणिका/विवरण संलग्न करते हुये इस अनुरोध के साथ प्रेषित है कि विश्वविद्यालय तथा सभी सम्बद्ध महाविद्यालयों के शिक्षकों एवं छात्रों को इसकी जानकारी उपलब्ध कराते हुए अनुपालन सुनिश्चित किया जाये ताकि लॉकडाउन अवधि में शैक्षिक गतिविधियों को सुगम बनाया जा सके।

संलग्नक : यथोपरि।

भवदीय,

(मोनिका एस. गर्ग)
प्रमुख सचिव

संख्या : 923(1) / सत्तर-3-2020-तद्दिनांक

प्रतिलिपि : निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

- 1- कुलपति, राज्य विश्वविद्यालय, उ0प्र0/निजी विश्वविद्यालय, उ0प्र0।
- 2- विशेष सचिव (श्री अब्दुल समद/श्री मनोज कुमार), उच्च शिक्षा विभाग।
- 3- समस्त क्षेत्रीय उच्च शिक्षा अधिकारी, उत्तर प्रदेश को इस निर्देश के साथ कि समस्त महाविद्यालयों को उक्त की जानकारी उपलब्ध करा दें।

आज्ञा से,

(मनोज कुमार)
विशेष सचिव

| Channel No. | Channel Name and link | Route/Parent | Email | Coordinator Name | Description |
|---|--|----------------------------|---|---|-----------------------------------|
| 19 | Channel 19: IIT PAL: Biology | IIT PAL 1 IIT Delhi | ravisoni@physics.iitd.ac.in, rksoniit@gmail.com | Prof. Ravi Sony | - |
| 20 | Channel 20: IIT PAL: Chemistry | IIT PAL 2, IIT Delhi | ravips@chemistry.iitd.ac.in | Prof. Ravi P. Singh | - |
| 21 | Channel 21: IIT PAL: Mathematics | IIT PAL 3. IIT Delhi | niladri@maths.iitd.ac.in | Prof. Niladri Chatterjee | This channel is dedicated to ... |
| 22 | Channel 22: IIT PAL: Physics | IIT PAL 4, IIT Delhi | jpsingh@physics.iitd.ac.in | Prof. J.P. Singh | The Swayamprabha Physics Chann... |
| Channels 23 to 24 are managed by IGNOU New Delhi. The National Coordinator is Prof. Uma Kanjilal, IGNOU, New Delhi | | | | | |
| 23 | Channel 23: IGNOU: Liberal Arts and Humanities | IGNOU, New Delhi | asgupta@ignou.ac.in | Prof. Anju Sehgal Gupta | Introduction. |
| 24 | Channel 24: IGNOU: Agriculture, Vocational and Allied Sciences | IGNOU, New Delhi | mksalooja@ignou.ac.in | Prof. M. K. Salooja | Agriculture sector plays an im... |
| Channel 25 is managed by the IGNOU, New Delhi. The National Coordinator is Prof. Uma Kanjilal, IGNOU, New Delhi | | | | | |
| 25 | Channel 25: GYAN DARSHAN: | IGNOU, New Delhi | | | - |
| Channel 26 is managed by IGNOU New Delhi. The National Coordinator is Prof. Uma Kanjilal, IGNOU, New Delhi | | | | | |
| 26 | Channel 26: IGNOU: State Open Universities' programs | IGNOU, New Delhi | pkbiswas@ignou.ac.in | Prof. P. K. Biswas | Channel-26 IGNOU: State Open U... |
| Channels 27 and 28 are managed by the NIOS, New Delhi. The National Coordinator is Prof. C. B. Sharma, Chairman, NIOS | | | | | |
| 27 | Channel 27: NIOS: Secondary School Education | NIOS, New Delhi | skp@nios.ac.in | Sh. S. K. Prasad, JD (CBC), NIOS | Vision Statement: Sustainable ... |
| 28 | Channel 28: NIOS: Higher Secondary School Education | NIOS, New Delhi | sandhyakumar@nios.ac.in | Dr. Sandhya Kumar, DD (Academic), NIOS | Vision Statement: Sustainable ... |
| Channels 29 is managed by UGC-INFLIBNET, Gandhinagar. | | | | | |
| 29 | Channel 29: UGC-INFLIBNET (PG Subject's & YOGA) | UGC-INFLIBNET, Gandhinagar | swayamprabha@inlibnet.ac.in | Prof J P Singh Joorel | - |
| Channel 30 is managed by the NIOS, New Delhi. The National Coordinator is Prof. C. B. Sharma, Chairman, NIOS | | | | | |
| 30 | Channel 30: NIOS: Gyanamrit | NIOS, New Delhi | sukanta.dse@gmail.com | Sukanta Kumar Mahapatra | Dear Learners, Welcome... |
| Channel 31 is managed by NCERT. The National Coordinator is Prof. Amarendra Behera, Joint Director, CIET, NCERT | | | | | |
| 31 | Channel 31: NCERT: School and Teacher Education | NCERT, New Delhi | amarendra.behera@cie.tn.in | Prof. Amarendra Behera, Joint Director, CIET, NCERT | Central Institute of Education... |
| Channel 32 is managed by IGNOU and NIOS jointly | | | | | |
| 32 | Channel 32: IGNOU and NIOS: Teacher Education | IGNOU and NIOS, New Delhi | gaurinedu@ignou.ac.in | Dr. Gaurav Singh, SEO, IGNOU | SYAWAM PRABHA DTH Channel 32 V... |

CHANNELS AND ALLOCATION

| Channel No. | Channel Name and link | Route/Parent | Email | Coordinator Name | Description |
|--|--|------------------------------------|--|-----------------------------|-----------------------------------|
| Channels 01-10 are managed by CEC-UGC, New Delhi. National Coordinator is Prof. Jagat Bhushan Nadda, Director, CEC, New Delhi. | | | | | |
| 1 | Channel 01: VAGEESH: CEC/UGC: Humanities- 1, Language and Literature | EMRC, EFLU, Hyderabad | director.emmrc.eflu@gmail.com | Prof. T T Sreekumar | The Swayamprabha Humanities Ch... |
| 2 | Channel 02: SANSKRITI: CEC/UGC: Humanities- 2, History, Culture & Philosophy | CEC, New Delhi | nagesh.cec@gmail.com | Mr. Nageshwar Nath | "Learn as if you are going t... |
| 3 | Channel 03: PRABODH: CEC/UGC: Social Science -1, Social & Behavioral Sciences | EMRC Jodhpur | director.emmrc.jnvu@gmail.com, drkpurohit@gmail.com | Prof C R Chowdhary | Learning gives creativity, cre... |
| 4 | Channel 04: SAARASWAT: CEC/UGC: Social Science - 2, Education, Psychology, Home Science and related subjects | CEC, New Delhi | nagesh.cec@gmail.com | Mr. Nageshwar Nath | "You can teach a student for... |
| 5 | Channel 05: PRABANDHAN: CEC/UGC: Social Science - 3, Management, Library Science, Information Science and related subjects | MCRC Jamia Milia | ifteharftii@yahoo.com, mrcr@jmi.ac.in | Prof. Iftekhar Ahmad | "Learning gives creativity, ... |
| 6 | Channel 06: VIDHIK: CEC/UGC: Social Science - 4, Law, Legal Studies, Human Rights and related subjects | EMRC Patiala | emmrc.patiala@gmail.com, directormediacentre@gmail.com | Dr. Gurmeet S. Maan | The Swayam Prabha DTH Channel ... |
| 7 | Channel 07: KAUTILYA: CEC/UGC: Economics, Commerce and Finance | EMRC Ahmadabad | patelbaldev56@yahoo.in, emrcabadadl@bsnl.in | Prof. B. V. Patel | Swayam Prabha DTH Channel 7, E... |
| 8 | Channel 08: ARYABHATT: CEC/UGC: Physical sciences, Mathematics, Physics, Chemistry and related Subjects | EMRC ,University of Calicut | damodar.prasad@gmail.com, emmrccalicut@yahoo.co.in | Mr. D. Damodar Prasad | The Channel-08- Swayamprabha D... |
| 9 | Channel 09: SPANDAN: CEC/UGC: Life Sciences, Botany, Zoology, Bio-Science and related subjects | EMRC, Kashmir University, Srinagar | salimaemrc@gmail.com, emmrc@kashmiruniversity.net | Dr. Salima Jan | The vision of the channel is t... |
| 10 | Channel 10: DAKSH: CEC/UGC: Applied Sciences, Allied Physical and Chemical sciences and related subjects | EMRC, Anna University, Chennai | sgowri@annauniv.edu, emmrcchennai@annauniv.edu | Dr. S. Gowri | The SWAYAM Prabha DTH Channel... |
| Channels 11 to 18 are Managed by NPTEL. National Coordinator: Prof. Kushal Sen, IIT Delhi | | | | | |
| 11 | Channel 11: NPTEL: Chemical Engineering, Chemistry and related Subjects | IIT Kharagpur | sunando@che.iitkgp.ernet.in | Prof. Sunando DasGupta | The SWAYAMPARBHA Chemical Engi... |
| 12 | Channel 12: NPTEL: Civil Engineering and related subjects | IIT Delhi | bishwa@civil.iitd.ac.in | Prof. B. Bhattacharjee | - |
| 13 | Channel 13: NPTEL: Computer Science and Engineering | IIT Kharagpur | anupambas@gmail.com | Prof. Anupam Basu | The SWAYAM-PRABHA Computer Sci... |
| 14 | Channel 14: NPTEL: Electrical engineering, Electronics and Communication Engineering and related subjects | IIT Delhi | shouri@ee.iitd.ac.in | Prof. Shouri Chatterjee | Channel 14 is dedicated to Ele... |
| 15 | Channel 15: NPTEL: Engineering Sciences and general subjects for engineering | IIT Madras | mangal@iitm.ac.in | Prof. K. Mangala Sunder | The Swayam Prabha Channel 15 D... |
| 16 | Channel 16: NPTEL: Humanities, Social Sciences and Management | IIT Kanpur | mjha@iitk.ac.in | Prof. Munmun Jha | Channel 16 is funded by MHRD a... |
| 17 | Channel 17: NPTEL: Mechanical Engineering and related subjects | IIT Kanpur | bhattacs@iitk.ac.in | Prof. Shantanu Bhattacharya | Channel 17 is an exclusively d... |
| 18 | Channel 18: NPTEL: Mathematics, Physics, Metallurgy and related subjects | IIT Tirupati / IIT Madras | tsniit@iittp.ac.in | Prof. T. S Natarajan | The Swayamprabha Channel-18 DT... |
| Channels 19 -22 are managed for high School students by IIT Delhi and is called IIT PAL. The National Coordinator is Prof. Ravi Soni, IIT Delhi | | | | | |

SWAYAM is India's own MOOCs platform offering online courses on all disciplines like Engineering, Law, Management, Humanities & Social Sciences and Professional Courses. It is designed to achieve the three cardinal principles of Education Policy - Access, Equity and Quality. SWAYAM is an indigenously developed Cloud based IT platform that facilitates uploading of all the courses, taught in classrooms from 9th standard till Post Graduation to be accessed by Anyone, Anytime, Anywhere free of cost. All the courses are interactive, prepared by reputed teachers in the country and accessible through computers / mobile phones.

Doordarshan and IGNOU

Doordarshan and IGNOU regarding the transmission of Four Gyan Darshan Educational channels. The Gyan Darshan Bouquet of Educational TV Channels is an educational media initiative of MHRD in collaboration with the Ministry of Information and Broadcasting (MIB), Prasar Bharati and ISRO with IGNOU as the nodal agency. It consists of four TV Channels namely GD-I & II (by IGNOU) GD-III- Eklava (by IIT, Delhi) GD-IV- Vyas Channel (by UGC, CEC).

SWAYAM PRABHA

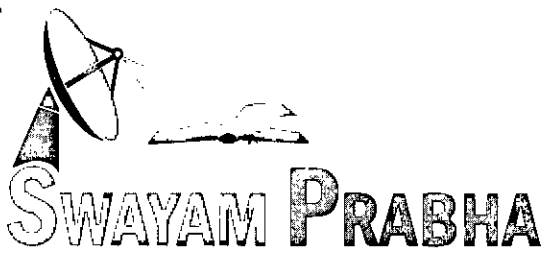
The SWAYAM PRABHA is a group of **32 DTH channels** devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite. Every day, there will be new content for at least (4) hours which would be repeated 5 more times in a day, allowing the students to choose the time of their convenience. The channels are uplinked from BISAG, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal.

The DTH Channels shall cover the following:

1. Higher Education: 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. All courses would be certification-ready in their detailed offering through SWAYAM, the platform being developed for offering MOOCs courses.
2. School education (9-12 levels): modules for teacher's training as well as teaching and learning aids for children of India to help them understand the subjects better and also help them in preparing for competitive examinations for admissions to professional degree programmes.
3. Curriculum-based courses that can meet the needs of life-long learners of Indian citizens in India and abroad.
4. Assist students (class 11th & 12th) prepare for competitive exams.

ICT Initiatives of MHRD

| S.No. | Resource | For students/Researchers | For Institutions |
|---|--|--|---|
| Audio-Video e-content | | | |
| 1 | SWAYAM: Massive Open Online Courses | Earn credit through online courses | <ul style="list-style-type: none"> - Encourage your extraordinary faculty to develop online courses - Accept credits awarded under SWAYAM - Form SWAYAM local chapters |
| 2 | SWAYAMPARBHA: View digital courses on TV | Watch high quality educational programs 24*7 | Provide facility for viewing SWAYAMPARBHA content |
| Digital content: access journals and e-books | | | |
| 1 | National Digital Library: e-content | Access e-content on multiple disciplines | <ul style="list-style-type: none"> - Get your E-content listed - Form NDL Club |
| 2 | e-PG Pathshala: Gateway for e-books upto PG | Get free books and curriculum-based e-content | Host e-books |
| 3 | Shodhganga: A reservoir of Indian Theses | Access Research Theses of scholars of Indian Institutes | Get research theses of your scholars to get listed on Shodhganga |
| 4 | e-ShodhSindhu: e-journals | Get access to full text e-resources | Get access to full-text e-resources |
| Accelerated Hands on learning | | | |
| 1 | e-Yantra: Engineering for better tomorrow | Get hands on experience on embedded systems | Create e-Yantra labs for training in embedded systems in collaboration with IIT Bombay |
| 2 | FOSSEE: Free/Libre and Open Source Software for Education | <ul style="list-style-type: none"> - Access and volunteer for the use of open source software - Become FOSSEE fellow | Run labs in open source |
| 3 | Spoken Tutorial: Tutorial in IT application | Self-training in IT fields | Encourage eminent faculty to provide training content for self-learning |
| 4 | Virtual Labs: Web-enabled experiments designed for remote – operation | Try curriculum based virtual experiments | Develop virtual experiments for Virtual labs suited to course curriculum in gap areas |
| E - Governance | | | |
| 1 | University Enterprise Resource Planning (SAMARTH) | Student development Life Cycle | E-Governance for Institutions/Universities |
| Track your progress | | | |
| 1 | VIDWAN: Expert Database and National Research Network IRINS: Indian Research Information Network System | Register on VIDWAN | Get your faculty registered on VIDWAN <ul style="list-style-type: none"> - Monitor research outcomes at different levels |
| 2 | Shodh Shudhhi (PDS): Plagiarism Detection Software | Unique ideas, concepts and information without duplication. | <ul style="list-style-type: none"> - Encourage original information by preventing plagiarism. - Better research outcomes. - Reputation of the institution/university. |
| Note: For any queries/feedback kindly contact (http://new.nmeict.ac.in) at nmeict@nmeict.ac.in Phone: 011-23385220. | | | |



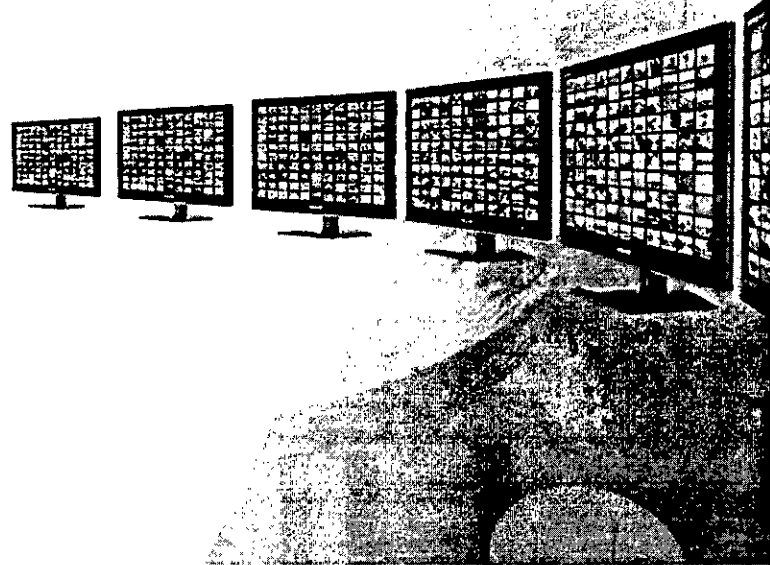
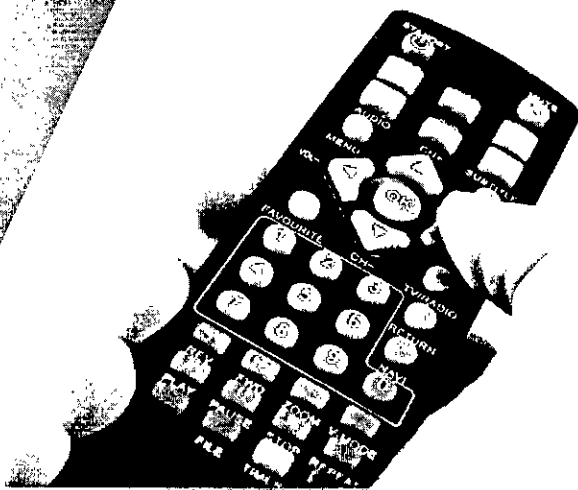
Free DTH Channel for Education



सत्यमेव जयते

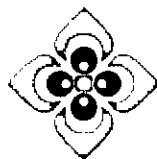
विद्यया ऽमृतमश्नुते

National Mission on Education through ICT



SWAYAM PRABHA

The SWAYAM PRABHA is a group of 32 DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite.




Introduction

The SWAYAM PRABHA is a group of 32 DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite. Every day, there will be new content for at least four hours which would be repeated five more times in a day, allowing the students to choose the time of their convenience. The channels are uplinked from BISAG, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal.

Objectives

The DTH Channels shall cover the following


- Higher Education: 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. All courses would be certification-ready in their detailed offering through SWAYAM, the platform for offering MOOCs courses.
- School education (9-12 levels): modules for teacher's training as well as teaching and learning aids for children of India to help them understand the subjects better and also help them in preparing for competitive examinations for admissions to professional degree programmes.
- Curriculum-based courses that can meet the needs of life-long learners of Indian citizens in India and abroad.
- Assist students (class 11th & 12th) prepare for competitive exams.



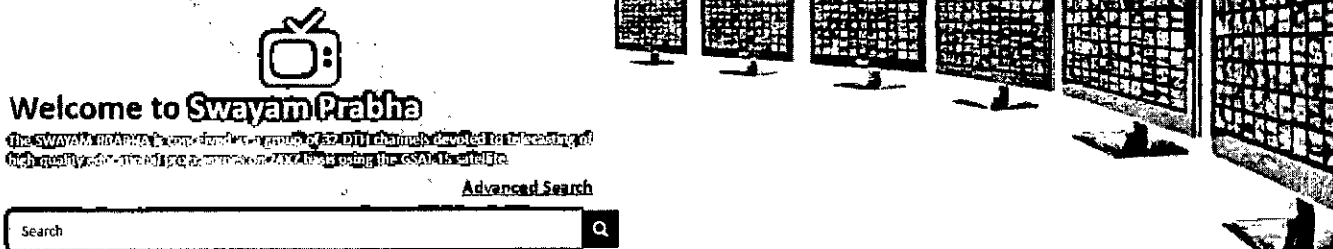
Free DTH Channel for Education

[SIGN IN](#) [REGISTER](#)

An MHRD Project
National Mission on Education through ICT
(NME-ICT)



[HOME](#) [ABOUT US](#) [SEARCH](#) [CHANNELS AND ALLOCATION](#) [DOWNLOAD](#) [HELP MANUAL](#) [FEEDBACK](#) [CONTACT US](#) [WORKSHOP](#)




Welcome to Swayam Prabha


The SWAYAM PRABHA is a group of 32 DTH channels devoted to telecasting of high quality educational programmes on 24X7 basis using the GSAT-15 satellite.

[Advanced Search](#)


ABOUT US




The SWAYAM PRABHA has been conceived as the project for using the (2) GSAT-15 transponders to run (32) DTH channels that would telecast high quality educational programmes on 24X7 basis.



STEP TOWARDS EDUCATION




Shri. Prakash Javadekar
Hon. Minister of HRD of
Government of India



Shri. Narendra Modi
Hon. Prime Minister of
India

LIST OF CHANNELS

- Channel 01: CEC/UGC: Humanities-1, Language and Literature
- Channel 02: CEC/UGC: Humanities-2, Arts, History, Philosophy and related Subjects
- Channel 03: CEC/UGC: Social Science -1, Sociology, Political Science and related subjects





How to Receive Swayam Prabha Channels

01

One small sized DTH Dish Antenna along with LNBF (Low Noise Block-down convertor Feedhorn)



The receive system contains three units:

03

Remote control unit for STB



02

Indoor Set-Top-Box (STB)



The subscribers of 'Free Dish', DTH service of Doordarshan, can view these Educational channels using the same Set Top Box and TV. No additional investment is required.

Receiving Parameters

Channel No.1 to 16

Downlink Frequency: - 11590 Mhz

Polarization: - Vertical

LNB Frequency: - 9750

Symbol Rate: - 29500 Ksps FEC: 3/4

Channel No. 17 to 32

Downlink Frequency: - 11670 Mhz

Polarization: - Vertical

LNB Frequency: - 9750

Symbol Rate: - 29500 Ksps FEC: 3/4



Swayamprabha portal features

- Comprehensive portal for SWAYAM-PRABHA;
- Login based access for admin stake-holder (Channel coordinator, MHRD, BISAG and DTH-Chennai);
- Searching of video content on different parameter such as channel-wise, subject-wise, etc
Panel for channel coordinator to create programme-schedule and metadata creation of each video-content;
- Facilitate to viewers with 'My-Library' features and SMS alert (programme-schedule) system

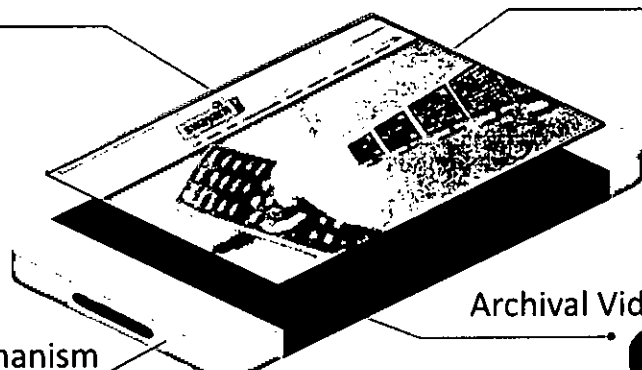
Programme Schedule

Search & Browse Interface

Feedback Mechanism

Archival Videos

Mobile App





List of 32 channel

| Channel Name | Channel Route/Parent |
|--|--|
| Channel 01: CEC/UGC: Humanities- 1, Language and Literature | EMRC, EFLU, Hyderabad |
| Channel 02: CEC/UGC: Humanities- 2, Arts, History, Philosophy and related Subjects | CEC, New Delhi |
| Channel 03: CEC/UGC: Social Science -1, Sociology, Political Science and related subjects | CEC, New Delhi |
| Channel 04: CEC/UGC: Social Science - 2, Education, Psychology, Home Science and related subjects | CEC, New Delhi |
| Channel 05: CEC/UGC: Social Science - 3, Management, Library Science, Information Science and related subjects | EMRC/MCRC, Jamia Millia Islamia, New Delhi |
| Channel 06: CEC/UGC: Social Science - 4, Law, Legal Studies, Human Rights and related subjects | EMRC, Punjabi University, Patiala |
| Channel 07: CEC/UGC: Economics, Commerce and Finance | EMRC, Gujarat University, Ahmedabad |
| Channel 08: CEC/UGC: Physical sciences, Mathematics, Physics, Chemistry and related Subjects | EMRC, University of Calicut |
| Channel 09: CEC/UGC: Life Sciences, Botany, Zoology, Bio-Science and related subjects | EMRC, Kashmir University, Srinagar |
| Channel 10: CEC/UGC: Applied Sciences, Allied Physical and Chemical sciences and related subjects | EMRC, Anna University, Chennai |
| Channel 11: NPTEL: Chemical Engineering, Chemistry and related Subjects | IIT Kharagpur |
| Channel 12: NPTEL: Civil Engineering and related subjects | IIT Delhi |
| Channel 13: NPTEL: Computer Science and Engineering | IIT Kharagpur |
| Channel 14: NPTEL: Electrical engineering, Electronics and Communication Engineering and related subjects | IIT Delhi |
| Channel 15: NPTEL: Engineering Sciences and general subjects for engineering | IIT Madras |
| Channel 16: NPTEL: Humanities, Social Sciences and Management | IIT Kanpur |
| Channel 17: NPTEL: Mechanical Engineering and related subjects | IIT Kanpur |
| Channel 18: NPTEL: Mathematics, Physics, Metallurgy and related subjects | IIT Tirupati / IIT Madras |
| Channel 19: IIT PAL: Biology | IIT PAL 1 IIT Delhi |
| Channel 20: IIT PAL: Chemistry | IIT PAL 2, IIT Delhi |
| Channel 21: IIT PAL: Mathematics | IIT PAL 3, IIT Delhi |
| Channel 22: IIT PAL: Physics | IIT PAL 4, IIT Delhi |
| Channel 23: IGNOU: Liberal Arts and Humanities | IGNOU, New Delhi |
| Channel 24: IGNOU: Agriculture, Vocational and Allied Sciences | IGNOU, New Delhi |
| Channel 25: IGNOU: Culture | IGNOU, New Delhi |
| Channel 26: IGNOU: State Open Universities' programs | IGNOU, New Delhi |
| Channel 27: NIOS: Secondary School Education | NIOS, New Delhi |
| Channel 28: NIOS: Higher Secondary School Education | NIOS, New Delhi |
| Channel 29: QEEE: QEEE 1 (Live classes in Engineering and Technology) | IIT Madras |
| Channel 30: NPTEL: Mathematics | IIT Madras |
| Channel 31: NCERT: School and Teacher Education | NCERT, New Delhi |
| Channel 32: IGNOU and NIOS: Teacher Education | IGNOU and NIOS, New Delhi |

INFLIBNET

Prof J P Singh Joorel
Director

Sh Abhishek Kumar
Scientist-C (CS)

INFLIBNET Centre, Gandhinagar-382007, Gujarat.
 director@inflibnet.ac.in abhishek@inflibnet.ac.in
 +91 7923268296 +91 7923268280
 +91 7923268347

Team Members

BISAG

Dr T P Singh
Director
 info@bisag.gujarat.gov.in

Sh Rajesh Patel
Broadcast Engineer
 +91 99099 45031
 studio-bisag@gujarat.gov.in

Sh Sanjay Vaghasiya
Broadcast Engineer
 +91 99099 45031
 studio-bisag@gujarat.gov.in

Near CH 'O' Circle, Indulal Yagnik Marg,
Gandhinagar-382 007, Gujarat

MHRD/IITM

Prof K Mangala Sunder
Professor, Department of Chemistry
IIT Madras, Chennai - 600 036
 mangala@iitm.ac.in

Sh Parameswaran N
Senior Consultant, MHRD
 param.sc@mhrd.ac.in
 +91 98681 37722

Digital Initiatives in Higher Education



FREE ONLINE EDUCATION

swayam

शिक्षित भारत, उन्नत भारत



SWAYAM PRABH

Free DTH Channel for Education



National
Digital Library
of India



Virtual
Labs

An MHRD Govt of India Initiative

eYantra

fossee
better
education



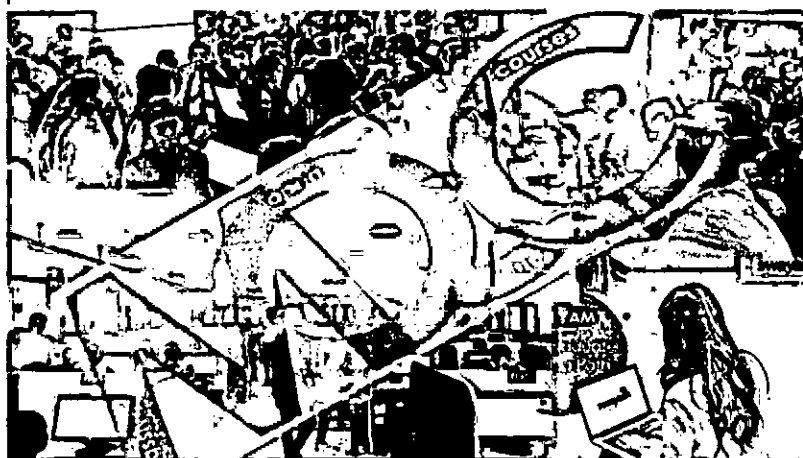
MHRD

Government of India
Ministry of Human Resource Development

SWAYAM is India's own MOOCs platform offering online courses on all disciplines viz. Engineering, Law, Management, Humanities & Social Sciences and Professional Courses. It is designed to achieve the three cardinal principles of Education Policy - Access, Equity and Quality. SWAYAM is an indigenously developed Cloud based IT platform that facilitates hosting of all the courses, taught in classrooms from 9th standard till Post-Graduation to be accessed by Anyone, Anytime, Anywhere free of cost. All the courses are interactive, prepared by reputed teachers in the country and accessible through computers / mobile phones.

Launched on 9th July 2017

Anyone, Anytime, Anywhere Learning free of cost












Enrollments » 1.25+ Crores

Courses on SWAYAM » 2,867

Courses in Jan-2020 Semester » 567

No. of Students Certified » 5+ Lac.

National Coordinators

| | | |
|--|---|---|
|  UGC : PG Non Engineering |  CEC : UG Non Engineering |  NPTEL : UG & PG Engineering |
|  IIMB : Management |  IGNOU : Certificate & Diploma |  NITTTR : Teacher Training |
|  NIOS : Open School 9 th to 12 th |  NCERT : School 9 th to 12 th |  AICTE : Annual Refresher Programme in Teaching (ARPT) & Foreign Universities |

SWAYAM - Continuous Learning Experience

Download SWAYAM applications from popular app stores



swayam helpline: 18001219025 | email: support@swayam.gov.in

<https://swayam.gov.in/>

Key Features

Credit Transfer

- ✓ Upto 20% Credit Transfer Facility Available for the Enrolled Students.
Necessary regulations issued by UGC and AICTE.

Integration with Conventional Education

- ✓ Schedule of SWAYAM Courses aligned with Conventional Semester to facilitate easy Credit Transfer.

Final Proctored Examination

- ✓ The SWAYAM final proctored examination is conducted twice in a year (May & November) across the country in about 200 Centres (for both Computer Based Test and Pen & Paper Test).

Local Chapter

- ✓ 3800+ Local Chapters established in Educational Institutions for:
 - To Spread Awareness among Faculty & Students.
 - Facilitate use of SWAYAM Course in Blended or Flip Classroom Mode.

Online Degree Programme

- ✓ Top Ranking Universities to offer Online Degree Programme through SWAYAM.

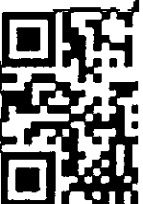
Annual Refresher Programme In Teaching (ARPIT)

- ✓ Faculty Development Programme for 1.3 Million Teachers.

Global Reach

- ✓ SWAYAM Courses being offered to African Students in more than 20 African Countries under the e-VBAB Project of Ministry of External Affairs (Govt. of India).
MoU signed with Afghanistan for sharing of SWAYAM resources.

Download SWAYAM applications from popular app stores



Swayam helpline: 18001219025 | email: support@swayam.gov.in

<https://swayam.gov.in/>



PRABHA

Free DTH Channel for Education

<https://www.swayamprabha.gov.in>

Launched on 9th July 2017

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.

Higher Education: Curriculum-based course contents at post-graduate and under-graduate level.

IIT PAL: To assist the student in the classes 11 and 12 aspiring to join IITs.

School Education (9-12 levels): Modules for teacher's training as well as teaching and learning aids for children of India.

Curriculum-based courses that can meet the needs of life-long learners of Indian citizens in India and abroad.

The content for Swayam Prabha Channels are provided by NPTEL, IITs, UGC CEC, IGNOU, NCERT and NIOS

Freely Available on DD Free Dish , Dish Tv (Zee) and Jio mobile app

Every day, there will be new content for at least (4) hours which would be repeated 5 more times in a day.

Channels uplinked from BISAG , Gandhinagar using 2 transponders of GSAT-15 Satellite.

CONTACT US

swayamprabha@inflibnet.ac.in

+91 79-23268347 (Available on Monday To Friday from 9:30 AM To 6:00 PM)

<https://www.swayamprabha.gov.in>



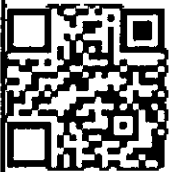


National Digital Library of India (NDLI)

(<https://www.ndl.gov.in/>)

National Digital Library of India (NDL India) provides a framework of virtual repository of learning resources with a single-window search facility.

- ◆ 24x7 learning resource
- ◆ Accessible by any one, from anywhere and anytime
- ◆ Single window search facility with filters through which users can personalise
- ◆ More than 3.8 Crore e-books/journals/audio books/question bank
- ◆ Contents are available in 200 + Languages
- ◆ Registrations : 52 lakh +
- ◆ Number of institutions: 13,352
- ◆ Mobile App downloads : 14.1 Lakhs



<https://www.ndl.gov.in>

Launched on 19th June 20

NATIONAL DIGITAL LIBRARY OF INDIA

Central Library • Indian Institute of Technology Kharagpur •
Kharagpur, West Bengal, India - 721302
+91-3222-282435 • ndl-support@iitkgp.ac.in



National
Digital Library
of India



VIRTUAL LABS

<http://www.vlab.co.in/>

Participating Institutes



Virtual Labs provides a fully interactive simulation environment to perform experiments, collect data, answer questions to assess the understanding of knowledge acquired. In order to achieve the objective of such an ambitious project, it is essential to develop virtual laboratories with state-of-the-art computer simulation technology to create real world environments and problem handling capabilities. IIT Delhi as the Nodal Institute with other 10 institutes is understanding this initiative.

- ☒ To provide state-of-the-art simulation environment for disciplines of Science and Engineering
- ☒ Implemented by IIT Delhi
- ☒ To share costly equipment and resources, which are otherwise available to limited number of users due to constraints on time and geographical distance
- ☒ Cover 100 Virtual Labs, approximately 1000+ web-enabled experiments.

Wireless Research Lab
Room No - 206/IIA, Bharti School of Telecom
Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016
Phone : 011-26582050 | Email : support@vlab.co.in



<http://www.vlab.co.in/>

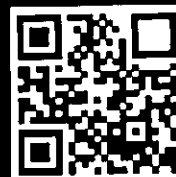


E-Yantra enable the effective education across engineering colleges in India on embedded systems and Robotics. The training for teachers and students is imparted through workshop where participants are taught basics of embedded systems and programming. Engagement teachers and students in hands-on experiments with robots by way of competition-event is an innovative method of problem-solving with out-of-box solutions. e-Yantra also help in setting up Robotics labs/clubs to make it a part of their routine training curriculum. Colleges across India have benefited with this initiative. All the projects and code are available on e-Yantra web-site www.e-yantra.org as open source content.

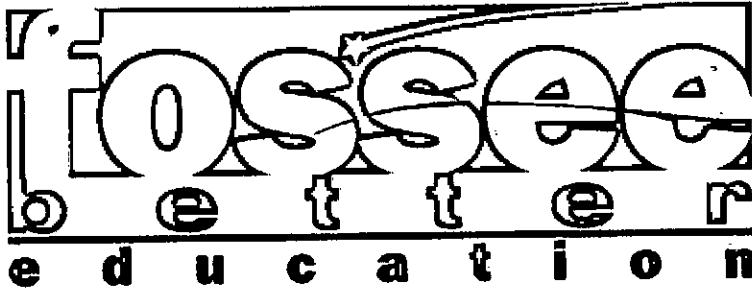
- ☛ **Promoting robotics as multi-disciplinary engineering project**
 - **Supporting innovation by students**
 - **Learning by doing through group work**
- ☛ **Train teachers to teach engineering better**
- ☛ **A project by IIT Bombay**
- ☛ **e-yantra Lab Setup initiative (eLSI) supports infrastructure creation**
- ☛ **e-yantra competitions are held across colleges to create awareness**
- ☛ **296 Labs established in 32+ regions , propose to establish 500 + labs**
- ☛ **Over 2115 Teachers trained**
- ☛ **5,932 Total Teams participated in e-Yantra Robotics Competition (eYRC)**

**ERTS Lab,
First Floor, KReSIT Building,
IIT Bombay, Powai,
Mumbai - 400076, Maharashtra**

**Phone : 022 2576 4986, 022 25720184
Email : support@e-yantra.org**



<http://www.e-yantra.org/>



FREE AND OPEN SOURCE SOFTWARE IN EDUCATION
<https://fossee.in/>

FOSSEE promotes the use of open source software in educational institutions (<http://fossee.in>). It does through instructional material, such as spoken tutorial documentation, such as textbook companions, awareness programmes, such as conference training workshops, and Internships. Textbook Companion (TBC) is a collection of code for solved examples of standard textbooks.

- ✓ FOSSEE project (<http://fossee.in>) has been promoting use of open source software in educational institutions.
- ✓ A project by IIT Bombay.
- ✓ Textbook Companion (TBC) is a collection of code for solved examples of standard textbooks. 1,000 TBCs have been created in Scilab and Python alone.
- ✓ FOSSEE is promoting the well established open source software: Open Foam, an alternative to the proprietary software Fluent for computational fluid dynamics.
- ✓ DWSIM, an alternative to the proprietary software Aspen Plus, for chemical process simulation. eSim, an electronic design automation software, an alternative to ORCAD.

CFD - Lab, Aero. Annex Building,
Below HSS Dept., Opp. Metallurgical Dept.
IIT Bombay, Powai, Mumbai - 400076
Maharashtra

Phone : 022-25764133 | Email : info@fossee.in



<https://fossee.in/>