



J N N College of Engineering,
Navule, Shivamogga – 577204.



eLearning - Platforms & Resources

AICTE & VTU

| # | Resource Name | Description | Web – URL |
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| 1. | Enhancement in Learning with Improvement In Skills (ELIS) | ELIS portal has been designed by AICTE in order to foster digital learning and support the students. Companies offering their courses for free include Skyfi Education Labs, GreyAtom Edutech, Globsyn Business School with courses like Data Analytics, Digital Marketing, Robotics, Java Programming. | http://free.aicte-india.org/ https://www.aicte-india.org/opportunities/students/resources_students |
| 2. | National Educational Alliance for Technology (NEAT) | Selected education technology solutions would be showcased on the NEAT platform, developed by AICTE, thereby enabling wide outreach among learners. | https://neat.aicte-india.org/course |
| 3. | SWAYAM SWAYAM Online Courses | Benefits. Best-in-Class Instructors. Empowering you with knowledge and skills. Weekly Assignments. All the courses are interactive, prepared by the best teachers in the country and are available, free of cost to any learner. | https://swayam.gov.in/explorer http://storage.googleapis.com/uniquecourses/online.html |
| 4. | National Programme on Technology Enhanced Learning (NPTEL) | Largest online repository in the world of courses in engineering, basic sciences and selected humanities and social sciences subjects. Many students are using these to prepare for GATE exams and higher studies too. | https://nptel.ac.in/course.html |

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| 5. | Spoken Tutorial (Award winning educational content portal.) | Learn various Free and Open Source Software all by oneself. Our self-paced, multi-lingual courses ensure that anybody with a computer and a desire for learning can learn from any place, at any time and in a language of their choice. | https://spoken-tutorial.org/tutorial-search/?search_foss=&search_language=English |
| 6. | e-PG Pathshala UGC MOOCs | e-PG Pathshala is an initiative of the MHRD under its National Mission on Education through ICT (NME-ICT) being executed by the UGC. UGC-MOOCs is one of vertical to produce course on Post Graduate subjects in SWAYAM | https://epgp.inflibnet.ac.in/Home/Download http://ugcmoocs.inflibnet.ac.in/ugcmoocs/index.php |
| 7. | VTU E-LEARNING CENTRE VTU e-Shikshana VTU e-Learning (YouTube Channel) | Facilitating distance education and training to the students of VTU through satellite and web. Multi-modal, multi-platform, collaborative e-Learning solution which allows a course expert to teach or interact with a large number of students transcending geographies on a real-time basis through live audio video streaming and synchronized content sharing. | http://elearning.vtu.ac.in/ http://elearning.vtu.ac.in/esk3.php http://nptel.vtu.ac.in/econtent/ http://elearning.vtu.ac.in/e-Res.php https://www.youtube.com/channel/UCX3li6uZ9s24qAXulk6byJg/featured |
| 8. | Virtual Labs | Virtual Labs project is an initiative of MHRD, Government of India under the aegis of NMEICT. This project is a consortium activity of twelve participating institutes and IIT Delhi is coordinating institute. It is a paradigm shift in ICT-based education. | http://www.vlab.co.in |
| 9. | fossee - better education | (Free/Libre and Open Source Software for Education) project promotes the use of FLOSS tools in academia and research. | https://fossee.in |

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| 10. | SWAYAM PRABHA (Free DTH Channel for Education) | 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. | https://www.swyamprabha.gov.in |
| 11. | Consortium for Educational Communication (CEC) | It has been established with the goal of addressing the needs of Higher Education through the use of powerful medium of Television along with the appropriate use of emerging Information Communication Technology (ICT). | https://www.youtube.com/user/cecedusat/playlists http://cec.nic.in/cec/ |

e-Library

| # | Resource Name | Description | Web – URL |
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| 1. | e-ShodhSindhu NLIST | Off-Campus (Remote) access to online resources provided by e-Shodh Sindhu. Online resources for providing support to researchers in COVID-19 Situation. Extending access to e-resources to colleges in India. | https://ess.inflibnet.ac.in/offcampus.php https://ess.inflibnet.ac.in/covidresources.php https://nlist.inflibnet.ac.in/eresource.php |
| 2. | Springer Nature | Free access to a range of essential textbooks from all disciplines. Institutions will be able to access more than 500 key textbooks across Springer Nature's eBook subject collections for free. | https://www.springernature.com/gp/librarians/news-events/all-news-articles/industry-news-initiatives/free-access-to-textbooks-for-institutions-affected-by-coronaviru/17855960 |

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| 3. | VTU'S SRI S.G.BALEKUNDRI CENTRAL LIBRARY AND INFORMATION CENTER | The Library's mission is to enable the staffs and students of VTU to engage optimally with the ever changing information environment in order to succeed in their research, learning and teaching goals. | http://library.vtu.ac.in/ |
| 4. | PDF Drive | PDF Drive is your search engine for PDF files. As of today we have 77,235,677 eBooks for you to download for free. | https://www.pdfdrive.com |
| 5. | National Digital Library of India (NDLI) | Specially designed collections of e-resources for students to get benefited from NDLI. | https://ndl.iitkgp.ac.in |
| 6. | EduLib | Digital Library comprises of 170+ engineering modules with over 2500 topics and 700+ eLabs across branches - ECE, EEE, MECH, CIVIL, CSE & IT. 3 MONTH FREE ACCESS. | http://www.edulib.in |
| 7. | Directory of open access books (doab) | The primary aim of DOAB is to increase discoverability of Open Access books, helping scholars and students to discover the books. | https://www.doabooks.org |
| 7. | Technical Publications | Students can buy eBooks of all subjects of VTU. | https://technicalpublications.org/vtu |
| 8. | Free-Ebooks.net (Read Anywhere, Any time) | Thousands Of FREE Books To Read Whenever & Wherever You Like! The AWESOME Power Of Knowledge, | https://www.free-ebooks.net |
| 9. | FreeComputerBooks | Free Computer, Mathematics, Technical Books and Lecture Notes, etc. | http://freecomputerbooks.com/ |
| 10. | Information and Library Network (INFLIBNET) | Facilitate academic communication amongst scientist, engineers, academics, faculties, and students through electronic mail, file transfer, computer / audio / video conferencing, etc | https://www.inflibnet.ac.in |

Online Courses

| # | Course Provider | Description | Web – URL |
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| 1. | Engineering edX | Enroll in an online introduction to engineering course or explore specific areas such as structural, mechanical, electrical, software. EdX offers free online classes in robot mechanics, aerodynamics and more from top engineering universities. | https://www.edx.org/course/subject/engineering |
| 2. | Academic Earth | Free Online Lectures and Courses for Engineering. Students can preview this exciting field through an array of online engineering courses. | https://academicearth.org/engineering/ |
| 3. | Udemy | By connecting students all over the world to the best instructors, Udemy is helping individuals reach their goals and pursue their dreams. | https://www.udemy.com/courses/teaching-and-academics/engineering/ |
| 4. | EduBull | Start learning anything, anytime and anywhere. | https://www.edubull.com/courses/online-engineering-ebooks-courses-list |
| 5. | Coursera | Join Coursera for free and learn online. Build skills with courses from top universities like Yale, Michigan, Stanford, and leading companies like Google and IBM. | https://www.coursera.org/browse |
| 6. | TCS iON Digital Learning Hub | Acquire skills in industry trending topics across various sectors. Access courses designed by academic and industry experts in collaboration. | https://learning.tcsionhub.in/iDH/India/ |
| 7. | Alison | Alison has over 1000 high quality courses available, all absolutely free to complete. All of our certified courses are self-paced and have been designed by subject matter experts to give you an interactive and enjoyable learning experience. | https://alison.com/courses/categories |

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| 8. | MATLAB and Simulink Training | Learn MATLAB for Free. Hands-on practice sessions and demonstrations. | https://matlabacademy.mathworks.com |
| 9. | Skillshare | Skillshare is a learning platform with online classes taught by the world's best practitioners. | https://www.skillshare.com/browse/technology |
| 10. | Codecademy Learn to Code - for Free | Learn the technical skills you need for the job you want. As leaders in online education and learning to code, we've taught over 45 million people. | https://www.codecademy.com/learn-from-home |
| 11. | MIT OpenCourseWare | MIT OpenCourseWare is a web-based publication of virtually all MIT course content. OCW is open and available to the world and is a permanent MIT activity. | https://ocw.mit.edu/courses/find-by-department/ |
| 12. | Google Digital Unlocked | Discover a range of free learning content designed to help grow your business or jumpstart your career. You can learn by selecting individual modules, or dive right in and take an entire course end-to-end. | https://learndigital.withgoogle.com/digitalunlocked/courses |
| 13. | Class Central | Class Central is a listing of online courses. We aggregate courses from many providers to make it easy to find the best courses on almost any subject, wherever they exist. | https://www.classcentral.com/subjects |
| 14. | courses.com | Free online engineering courses. | https://www.courses.com/engineering |
| 15. | OpenLearn | OpenLearn is a free learning platform, delivered by The Open University. | https://www.open.edu/openlearn/free-courses/full-catalogue |
| 16. | Coding Ninjas | Learn.Code.Upskill. Best programming language platform in India. | https://www.codingninjas.com/courses |
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