



BHARATI VIDYAPEETH(DEEMED TO BE UNIVERSITY)

COLLEGE OF ENGINEERING, PUNE

Department of Electronics Engineering

TITLE: INSPIRING INNOVATION WITH IEEE RESOURCES.

Date: 23rd July, 2021

Speaker: Mr. Collin Dmello
(IEEE International Area Manager)

Venue: Zoom Meeting (Online)

Number of Attendees: 106

Event conducted by:

Mrs. Sharda Tondare (Counselor), Mrs. Rupali Ambekar (Mentor) and IEEE Student Branch, BV(DU) College of Engineering, Pune in collaboration with NDLI club.



IEEE
STUDENT BRANCH
BV(DU)COE, PUNE

Objective:

- To help students to understand the importance of E-Learning in Covid Crisis.
- To make students aware and stay with the fast-changing world of technology.
- Online Learning, Virtual Classes, Webinars etc

Summary of the Webinar:

- The webinar on “INSPIRING INNOVATION AT WITH IEEE E-RESOURCES” was conducted on Zoom Meeting (Online) to introduce the benefits of Online Education using the IEEE resources.
- Few of the points discussed during the webinar:
 1. Online Learning kept Higher Ed open during CoronaVirus crisis.
 - Online learning = Virtual Classes+Elearning+webinars.
 - SWAYAM,NPTEL,Coursera,Udacity,IEEE.
 2. Emergency online learning vs Well Planned



Inspiring Innovation at Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune-43 with IEEE e-Resources

Speakers
Mr. Collin Dmello
 IEEE International Area Manager

Convener
Dr. Shruti K. Oza
 HOD, E&TC Department
 Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune-43

Chairman
Dr. Anand Bhalerao
 Principal and Dean
 Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune-43

Contents:

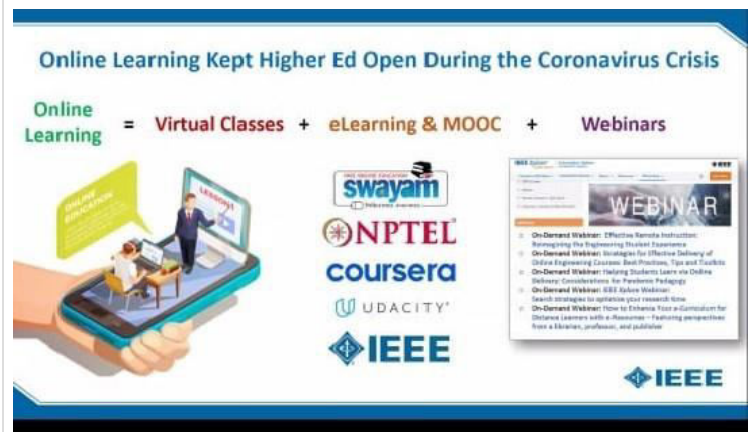
- eLearning courses in 5G, autonomous vehicles, AI, cyber security, blockchain, and more.
- Technical English course to help excel in real-world technical workplace situations
- Strengthening your current research

Join the event using the link below or QR code:
<https://tinyurl.com/23rdJuly-BVUCOEP>

Friday, 23rd July 2021
 11 AM onwards

Click on the above link to join the session

EBSCO | IEEE



Online Learning Kept Higher Ed Open During the Coronavirus Crisis

Online Learning = Virtual Classes + eLearning & MOOC + Webinars

swayam
 NPTEL
 coursera
 UDACITY
 IEEE

WEBINAR

- On-Demand Webinar: Effective Remote Instruction: Navigating the Engineering Student Experience
- On-Demand Webinar: Strategies for Effective Delivery of Online Engineering Courses: Best Practices, Tips and Tricks
- On-Demand Webinar: Training Students Learn via Online Delivery: Considerations for Feedback Pathways
- On-Demand Webinar: IEEE Jobs Webinar: Search strategies to optimize your research time
- On-Demand Webinar: How to Enhance Your Curriculum for Distance Learners with e-Resources – Featuring perspectives from a Educator, professor, and publisher

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Organized on Zoom Meeting in collaboration with NDLI Club.

Elearning Resources.

- When adapting Engineering and Computer Science curriculum for the distance learning environment, Elearning courses can be valuable tool to supplement instruction and engage students.

3. E-Learning-Accelerated Adoption in the “Now Normal”

- AI-Allows Institutions to move to student centered learning with focus on learning instead of just teaching as student centered model is key to better student outcomes.

4. IEEE E-learning Library.

- Online self paced courses,designed to keep engineers and technical professional upto date on core and emerging trends.
- Peer reviewed by IEEE societies and experts from renowned Universi-

Emergency Online Learning vs Well-Planned eLearning Courses



At IEEE, we know that faculty at many universities were suddenly being asked to offer courses exclusively online.

It can be challenging to create resources that are effective and immediately available.

When adapting engineering and computer science curriculum for a distance learning environment, eLearning courses can be a valuable tool to supplement instruction and engage students.



eLearning – Accelerated Adoption in the “Now Normal”





Allows institutions to move to Student Centred Learning with focus on learning instead of just teaching as student centered model is key to better student outcomes

Enhance the classroom experience (Used as a reference in class, for next level of learning, update knowledge on the existing subject, Research and general studies)



Flexible Course Access Options

	IEEE Xplore [®] Digital Library	IEEE Learning Network	SCORM Shareable Content Object Reference Model
Courses are discovered at:	IEEE Xplore	ILN (primary) and IEEE Xplore	Your Learning Management System (LMS)
Courses are accessed at:	ieeexplore.ieee.org/courses/home	iln.ieee.org	Your internal network
Course experience:	Standard (Videos and assessments)	Enhanced (Includes instructoring and transcript)	Depends on your LMS
Authentication methods accepted:	ALL IEEE Xplore methods	ALL IEEE Xplore methods except Just-in-Time and EZproxy	No IEEE authentication required
Analytics are:	Standard (Course starts only)	Enhanced (Includes course completion and time spent in course)	Depends on your LMS
Certificates:	Digital Certificate of Participation (Delivered within 1-2 weeks)	Instant Digital Certificates (Continuing Education Units (CEU) and Professional Development Hours (PDH))	None



ties

5. Flexible course access options .

6. How institution can benefit from the IEEE E-learning Library.

- Add active learning elements to the classrooms
- Introduce emerging technologies to students
- Support university blended learning strategies.

7. Courses available today: 2020 Elearning List.

- Automotive Cybersecurity
- Digital Transformation
- Machine Learning
- Artificial Intelligence Standards

8. Lessons included in the program.



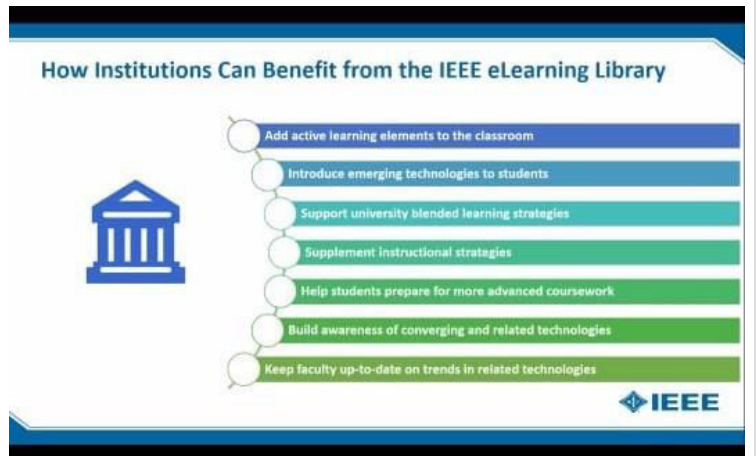
IEEE eLearning Library

- Online, self-paced courses designed to keep engineers and technical professionals up-to-date on core and emerging trends, leadership skills, and more.
- Courses on latest technologies, taught by the world's leading experts
- Peer reviewed by IEEE societies and experts from renowned universities and corporations worldwide
- Learners earn CEUs/PDHs upon successful completion to maintain professional licenses through the IEEE Learning Network

Convenient Access Options

- IEEE Xplore
- Locally load SCORM files into your own LMS system
- IEEE Learning Network: New LMS specially optimized for online learning. Centralized portal with advanced LMS functionality such as tracking, managing and reporting on learner behavior


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How Institutions Can Benefit from the IEEE eLearning Library

- Add active learning elements to the classroom
- Introduce emerging technologies to students
- Support university blended learning strategies
- Supplement instructional strategies
- Help students prepare for more advanced coursework
- Build awareness of converging and related technologies
- Keep faculty up-to-date on trends in related technologies

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Courses Available Today: 2020 eLearning Front List

Cutting-edge learning courses coming from Educational Activities in 2020

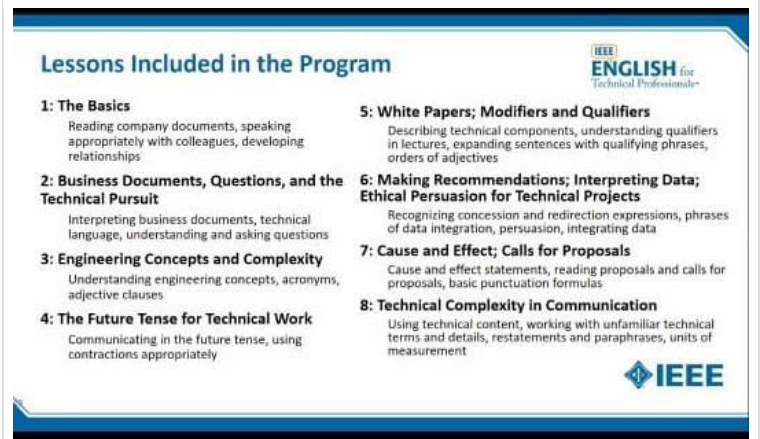
- Automotive Cybersecurity
Partner: Computer Society
- Digital Transformation
Partner: Future Directions
- Machine Learning
Partner: Computational Intelligence Society
- Artificial Intelligence Standards
Partner: IEEE Standards Association

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- The Basics
- Business Documents, questions and technical pursuits
- Engineering concepts and Complexity
- The future tense for technical work
- White papers, Modifiers and qualifiers
- Making Recommendations, Interpreting Data
- Cause and effect, Calls for proposals
- Technical Complexity in communications

9. Key benefits of Elearning Platform.

- Training Platform
- Virtual Environment
- Performance Based



Lessons Included in the Program

1: The Basics
Reading company documents, speaking appropriately with colleagues, developing relationships

2: Business Documents, Questions, and the Technical Pursuit
Interpreting business documents, technical language, understanding and asking questions

3: Engineering Concepts and Complexity
Understanding engineering concepts, acronyms, adjective clauses

4: The Future Tense for Technical Work
Communicating in the future tense, using contractions appropriately

5: White Papers; Modifiers and Qualifiers
Describing technical components, understanding qualifiers in lectures, expanding sentences with qualifying phrases, orders of adjectives

6: Making Recommendations; Interpreting Data; Ethical Persuasion for Technical Projects
Recognizing concession and redirection expressions, phrases of data integration, persuasion, integrating data

7: Cause and Effect; Calls for Proposals
Cause and effect statements, reading proposals and calls for proposals, basic punctuation formulas

8: Technical Complexity in Communication
Using technical content, working with unfamiliar technical terms and details, restatements and paraphrases, units of measurement

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KEY BENEFITS

TRAINING PLATFORM
Preparing your enterprise staff to have on-demand, self-paced format for "anytime, anywhere" learning. Targeted training for specific organizational or employee needs with multiple learning paths to choose from.

VIRTUAL ENVIRONMENT
Cloud-based, virtual environment with minimal technical requirements delivers an affordable solution.

PERFORMANCE-BASED
Offering real-life scenarios in a live virtual lab environment. This method of learning ensures that learners possess the skills required to perform technical tasks.

IEEE | Multi-Quality Partner Solutions NOW AVAILABLE FROM IEEE | ISACA | CSX



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Outcome:

- The event was enthralling as all students showed interest and took active participation.
- More than 100 students were present which made event more exciting.
- The students were motivated towards E-Learning Resources provided by IEEE