

# LIBRARY INSIGHTS

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## FutureSkills Prime

FutureSkills Prime is a national digital skilling initiative launched by the Ministry of Electronics and Information Technology (MeitY) in partnership with NASSCOM. It aims to empower India's workforce with the skills needed to thrive in a digital economy. The platform focuses on providing training in emerging technologies like **Artificial Intelligence, Cybersecurity, Cloud Computing, Data Science, and Blockchain**, among others.

FutureSkills Prime offers a variety of courses, certifications, and learning paths tailored to different skill levels, from beginners to experienced professionals. The initiative is designed to bridge the skill gap in India's tech industry, ensuring that individuals and businesses are prepared for the future of work. It also provides career guidance, industry insights, and opportunities for hands-on learning, making it a comprehensive resource for anyone looking to stay competitive in the fast-evolving tech landscape.

Link: <https://futureskillsprime.in/>

For any technical or platform related queries, kindly contact us at [support@futureskillsprime.in](mailto:support@futureskillsprime.in)



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### UPCOMING EVENTS IN SEPTEMBER 2024

Book Talks

New Arrivals books Display

Book Exhibitions

Day celebrations

### Library Events August 2024

Book

Talk On IKIGAI  
Watch on youtube

New Arrivals Books  
in the Library

1. Microbiology
2. Computer Books
3. Psychology Books

Book Talk On  
Ramcharitmanas  
Watch on youtube



## FOSSEE

The FOSSEE (Free/Libre and Open Source Software for Education) project is an initiative by the Indian Institute of Technology Bombay (IIT Bombay), launched in 2009, aimed at promoting the use of open-source software in academia and research in India. The project's primary goal is to reduce the reliance on expensive proprietary software by providing free, high-quality alternatives, particularly in fields like science, engineering, and management.

### Key Objectives:

**Promotion of Open Source Software:** FOSSEE focuses on encouraging the use of open-source software such as Scilab (an alternative to MATLAB), Python, OpenFOAM (a computational fluid dynamics tool), eSim (an electronic design automation tool), and DWSIM (a chemical process simulator).

**Development and Customization:** The project not only promotes existing open-source software but also works on developing new tools and customizing them to better fit the needs of Indian educational institutions.

**Educational Resources:** FOSSEE offers extensive resources, including tutorials, workshops, video lectures, and textbooks, to help students and educators learn and integrate these tools into their curriculum. They also provide lab migration support to help institutions transition from proprietary to open-source software.

**Community Building:** The project organizes various events such as conferences, hackathons, and training sessions to build a strong community around open-source software. FOSSEE also runs the Textbook Companion project, where users contribute solved examples from standard textbooks using open-source tools.

**Collaborations and Outreach:** FOSSEE collaborates with other educational institutions, government bodies, and industries to expand the reach and impact of open-source software in India.

Link: <https://fossee.in/>

## DID YOU NOW?

### E- resource:Worth exploring

#### Trending articles onIEEE

1. Z. Zou, K. Chen, Z. Shi, Y. Guo and J. Ye, "Object Detection in 20 Years: A Survey," in Proceedings of the IEEE, vol. 111, no. 3, pp. 257-276, March 2023, doi: [10.1109/JPROC.2023.3238524](https://doi.org/10.1109/JPROC.2023.3238524), keywords: {Object detection;Detectors;Computer vision;Feature extraction; Deep learning;Convolutional neural networks; Computer vision; convolutional neural networks (CNNs);deep learning;object detection; technical evolution},
2. Y. Lecun, L. Bottou, Y. Bengio and P. Haffner, "Gradient-based learning applied to document recognition," in Proceedings of the IEEE, vol. 86, no. 11, pp. 2278-2324, Nov. 1998, doi: [10.1109/5.726791](https://doi.org/10.1109/5.726791).keywords: {Neural networks; Pattern recognition; Machine learning; Optical character recognition software;Character recognition;Feature extraction; Multi-layer neural network;Optical computing; Hidden Markov models;Principal component analysis},

### IEEE EDUCATION

<https://www.ieee.org/education/index.html>

IEEE is a leader in engineering and technology education, providing resources for pre-university, university, and continuing professional education. IEEE offers innovative STEM and university education and recognition programs for students and their teachers, facilitates the accreditation of engineering programs at the university level, and offers ongoing continuing professional education for practitioners and engineering faculty through platforms such as the IEEE Learning Network (ILN). Explore education programs and offerings from IEEE below.

### Author of the month:

#### Kajal Oza Vaidya



Kajal Oza Vaidya is a prominent Gujarati author, playwright, screenwriter, and speaker. Known for her compelling storytelling, she has written numerous novels, short stories, and plays that explore themes of love, relationships, and the complexities of modern life. Some of her popular works include "Krishnaayan," "Yog Viyog," and "Samudra." In addition to her literary contributions, Kajal Oza Vaidya is also a motivational speaker and has a strong presence on social media, where she engages with her audience on various topics related to personal growth and empowerment.

[Explore his collection at our library](#)



## Spoken Tutorial

<https://spoken-tutorial.org/>

The Spoken Tutorial Project by IIT Bombay offers self-paced, audio-video tutorials on various Free and Open Source Software (FOSS).

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FOR YOU.**