

Internal Quality Assurance Cell (IQAC)

In collaboration with



Spoken Tutorial

<https://spoken-tutorial.org>

Organizes Two Week Faculty Development Programme on

LaTeX

Under the aegis of

***National Mission on Education through
Information and Communication Technology
[NMEICT]***

www.sakshat.ac.in

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From 09.01.2023 to 18.01.2023**

PATRON



Prof. (Dr) N.S. SANTHOSH KUMAR
Hon'ble Vice Chancellor
The TAMILNADU DR. AMBEDKAR LAW UNIVERSITY

The Tamil Nadu Dr. Ambedkar Law University

Government of Tamil Nadu by an Act of State Legislature [Act No.43 of 1997] established the Tamil Nadu Dr. Ambedkar Law University for the advancement and dissemination of knowledge in learning, teaching and research in the field of law. His Excellency Shri. K.R. Narayanan, Former President of India inaugurated it on September 20, 1997, and the University started functioning from October 3, 1997 onwards. The University was named after the Architect of the Indian Constitution Dr. B.R. Ambedkar. The University is recognized by the Bar Council of India (BCI) and University Grants Commission (UGC) (Sec. 2f and 12b of the UGC Act.). The University is the first full-fledged *sui-generis* University that offers Legal Education through this University and its affiliated colleges in the State and the University is the first of its kind not only in the country but also in South Asia. The University has 24 affiliated law colleges in the State of Tamil Nadu. The school of Excellence in Law run by the university at its campus since 2002 has been modelled on the lines of other National Law Schools in the country and offers three-year undergraduate (Hons.) as well as five year integrated undergraduate (Hons.) degree courses in Law. The University has a Postgraduate and Research Centre, which offers Master of Law Degree Courses in 13 different specializations, doctoral program as well as organizing research in diverse areas of law as well as in inter-disciplinary studies.

About the Latex Program

LaTeX is a document preparation system for high-quality typesetting. Often used for technical or scientific documents, it can be used for almost any form of publishing letter, report, textbook, etc.. LaTeX lets authors get with writing document without being bothered about document design. LaTeX, software used for typesetting technical documents. LaTeX is a free software package created in 1985 by the American computer scientist Leslie Lamport as an addition to the TeX typesetting system. LaTeX was created to make it easier to produce general-purpose books and articles within TeX.

Benefits

Works on all OS

- a. Linux, Windows, Mac OSX
- b. Easily typesets journal articles, technical reports, books and slide presentations.
- c. Controls large documents containing sectioning cross-references, tables and figures.
- d. Typesets complex mathematical formulae with ease
- e. Advanced typesetting available for mathematical equations
- f. Automatic generation of bibliographies and indexes
- g. Multi-lingual typesetting
- h. Inclusion of artwork and process or spot colour
- i. Uses PostScript or Metafont fonts
- j. Very active user community

Learning Xfig – “An interactive drawing tool”

- **Xfig is a free and open-source vector graphics editor. It is a drawing tool for use on the Linux and UNIX services.**
- **Xfig was written by Supoj Sutanthavibul in 1985.**
- **In Xfig, figures may be drawn using objects such as circles, boxes, lines, spline curves, text etc.**
- **It is also possible to import images in formats such as GIF, JPEG, EPS, PostScript etc.**
- **These objects can be created, deleted, moved or modified. Attributes such as colours or line styles can be selected in various ways.**
- **Xfig has a facility to print figures to a Post-Script printer too**
- **Convenient feature is the PSTEX or PDFTEX export format. This allows a smooth integration of Xfig-generated images into LaTeX documents.**
- **Most operations in Xfig are performed using the mouse. But some operations may also be performed using keyboard (accelerators) shortcuts.**
- **The interface is designed for a three-button mouse, although it is also possible to use a two button or a one button mouse with appropriate emulation.**

Participants will be able to learn from the FDP

- **LaTeX on Windows using TeXwork**
- **What is Compiling?**
- **Letter Writing**
- **Report Writing**
- **Mathematical Typesetting**
- **Equations**
- **Tables and Figures**
- **Beamer**
- **Bibliography**
- **Inside story of Bibliography**
- **Simple block diagram**
- **Feedback control diagram**
- **Feedback diagram with Maths**

Who can attend? Faculty members & Research scholars

- **Online classes will be arranged for facilitating the participants to learn more about Latex.**
- **This programme is helpful for Career Advancement Scheme.**
- **No NOC is required for participation in this course.**

Registration Details:

Registration Fee: Rs.590/- (payable to Spoken Tutorial, IIT Bombay via registration link)

- Once they successfully registered, they will receive the course content in their respective login on the start date of the training (detail mail will be send regarding the same)
- Participants have to download the course content and go through the tutorial as per their convenience day and time
- At the end of the course, participants may download the Participation Certificate
- After 15 days from the date of the completion of the course, the test link will be live, Participants have to appear for online test and get Course Completion Certificate.
- After the successful registration for the program, participants are required to send the fee paid details to Mail id: spokentutorialndalu@gmail.com

➤  [CLICK](#)

➤ Registration open from: Dec. 24, 2022, till Jan. 7, 2023

➤ Program schedule will be sent to the Registered participants

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