

Objectives of the Course

Competence in technical writing holds great importance in the present era. Technical writing deals with specific knowledge, generally in the sphere of science and technology, and may be used in a wide variety of media: journal papers, thesis, project proposals, and other technical documents. LaTeX is a document typesetting system that is used to produce high quality scientific documents, like articles, books, dissertations, technical reports, etc. Expertise in drafting technical documents is an indispensable skill for all professionals for it helps them to share their knowledge of technical subjects effectively in all domains of society and thus makes them competent in their professional careers.

This two days' workshop has been designed to provide a clear understanding of the basics of technical writing which will enable the participants to communicate their ideas effectively in the form of technical reports, journal papers etc., by using the technical writing tool LaTeX. Further, Beamer is a LaTeX document class for creating slides for presentations. Real time collaborative writing and publishing tool 'Overleaf' will be discussed. In addition, Drawing, Data Analysis and Graphing Software will be covered for making high quality figures and diagrams.

The workshop will include sessions by experts who will focus on topics like innovative methods for enhancing one's technical writing skills, use of technical terminology for information transfer, satisfying document specifications like style and format, page layout and organizational structure, and principles of accuracy and clarity.

Course Content

The major contents of the program are:

- ❖ Typesetting journal articles, technical reports, books, and slide presentations.
- ❖ Automatic generation of bibliographies and indexes
- ❖ Formatting documents containing sectioning, cross-references, tables, equations and figures.
- ❖ Writing effectively and clearly for academic purposes.
- ❖ Ideas to energize technical writing (Research project proposal, journal and conference articles.
- ❖ Practicing hands-on exercises and examples (LaTeX, Beamer, Overleaf and other drawing tools).

Resource Persons

Distinguished faculty members of reputed National and International Institutions shall be conducting the sessions.



Dr. Astik Biswas received the M.E. degree in ECE from Birla Institute of Technology, Mesra, in 2010, and the Ph.D. degree in speech recognition from the National Institute of Technology Rourkela, in 2016. He is currently a Postdoc Researcher with the DSP Lab, Stellenbosch University, South Africa. He is also actively working to develop speech recognizer for under-resourced African languages funded by United Nation Global Pulse.



Dr. K P Pradhan received M.Tech and Ph.D. degrees in Nanoelectronic Devices from National Institute of Technology, Rourkela in 2013 and 2017, respectively. He worked as Senior Project Engineer at Nanolab, IIT Kanpur. He is also a recipient of Snigdhashri Patra Memorial Gold Medal for the best Ph.D thesis of 2016-17 by NIT Rourkela. His areas of interest include Nanoelectronic Devices, SOI MOSFETs, FinFETs, and Hybrid Devices.



Dr. Munesh Singh received his Doctoral degree in 2017 from the Department of Computer Science and Engineering, National Institute of Technology (NIT), Rourkela, India. He received his M.Tech degree in 2012 from the Department of Computer Science and Engineering, Pondicherry University, India. He is currently working as an Assistant Professor in IIITDM Kancheepuram, Chennai, India. He has industrial experience of one year in Honeywell Technology Solution Lab, Bangalore, India.



Dr. Vijayakumar K obtained his B.E. from Coimbatore Institute of Technology, Coimbatore. He obtained his M.Tech. and Ph.D. from National Institute of Technology, Tiruchirappalli, in the year 2009 and 2012 respectively. Subsequently, He was a post-doctoral research fellow in Nanyang Technological University, Singapore and Assistant Professor in Malaviya National Institute of Technology, Jaipur. Currently, He is working as an Assistant Professor in IIITDM Kancheepuram, Chennai.

Indian Institute of Information Technology

Design and Manufacturing, Kancheepuram

Department of Electronics and Communication

Engineering

Workshop on

Technical Writing and Publishing with Advanced Computer Tools: Hands-On Training

8th – 9th September, 2018

Registration Form*

Full Name: _____

Designation: _____

Organization: _____

Qualification: _____

Specialization: _____

Mailing Address: _____

Pin Code: _____ Phone(M): : _____

Email: _____

Accommodation required? Yes / No

Details of Registration fee

Name of Bank & branch: _____

NEFT or IMPS Transaction No.: _____

Date: _____ For Rs.: _____

Date: _____

Signature of Participant

*Preferred to receive through Google Forms.

About IIITDM Kancheepuram

IIITDM Kancheepuram is a Centre of Excellence for technical education and research established in 2007 by the Ministry of Human Resource Development, Government of India to pursue design and manufacturing oriented engineering education and research and to promote the competitive advantage of Indian products in global markets. The institute is located on a 51 acre campus on the outskirts of Chennai, off the Vandalur-Kelambakkam road. The campus houses the academic block, the administrative block, lecture hall complex and laboratory block. The Institute is presently offering B.Tech programmes in Computer Engineering, Electronics and Communication Engineering (Design & Manufacturing) and Mechanical Engineering (Design & Manufacturing), 5 Dual Degree Programmes leading to B.Tech and M.Tech Degrees, M.Des in Electronic Systems Design, Communication Systems Design, Mechanical Systems Design and inter-disciplinary Ph.D programmes in core and applied areas of engineering. From the academic year 2016, the Institute will introduce the B.Tech Mechanical (Smart Manufacturing). The faculty members of the Institute are also involved in sponsored and consultancy research projects from reputed industries and government organizations.

The curricula for all the programs have been framed after extensive deliberations and discussions with IITs, IISc and other reputed Institute faculty members and industry stake holders. The programmes are aimed at providing solutions to current technological challenges in wide domains like robotics, home entertainment, telecommunication automotive systems, etc. Design engineers and researchers passing out from IIITDM Kancheepuram will find scope and relevance in IT and IT enabled product companies, in particular analog and digital electronics IC companies, embedded systems players, automotive design, consumer product design and manufacturing and knowledge/service based industries. With mastery in domain specific design, engineering skills and required managerial expertise, our graduates can entrepreneur organizations involved in the design and manufacture of commercially successful electronic or mechanical products.

Registration

The participants are requested to register online by using the following link: <https://goo.gl/forms/NwbPR5J3vK0teju82>

(NEFT or IMPS transaction information is required to complete the online Google form)

Category	Fees
Faculty/Ph.D scholar of Academic Institutes	Rs. 1500
Professionals from Industries	Rs. 1500
UG/PG Students	Rs. 1000

The nonrefundable registration fee will be accepted through an online Bank transfer through NEFT or IMPS. The registration fee includes course materials, certificate, and refreshment. Participants are requested to bring their laptop for hands on sessions. The confirmation of participation would be sent through email. Last date for Registration is 31 August 2018.

Bank Account Details for IMPS or NEFT:

Acc.Name: IIITDM Educational Events; Acc. No: 35594334673;

Bank: SBI; Branch: Kandigai; IFSC code: SBIN0018365

Accommodation/TA/DA

A Twin shared accommodation is available in the Guest Hostels of the IIITDM for outstation participants with an advance request on first come first serve basis and nominal chargeable basis (Rs. 250/day). The participant will not be paid any TA/DA.

Target Audience

The program is targeted towards Ph.D. Scholars, Faculty Members from academic institutes, Industry Professionals & Consultants, Researchers & UG/PG Students.

Organizing Committee

Patron

Prof. Banshidhar Majhi , Director, IIITDM

Head of the Department

Dr. Selvajyothi K, HoD-ECE, IIITDM

Coordinators

Dr. Kumar Prasannajit Pradhan, IIITDM

Dr. Munesh Singh, IIITDM

Dr. Vijayakumar Krishnasamy, IIITDM

Members

All the faculty members of department.

Contact Details

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Self Sponsored Category



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Organized by

Indian Institute of Information Technology

Design and Manufacturing, Kancheepuram

Institute of National Importance

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