Three Days Workshop
on
"Introduction to LATEX"
(25-27th Feb., 2022)

Organized by
Department of Mathematics (DST-FIST sponsored)
Central University of Jammu

Patron
Prof. Sanjeev Kumar Jain
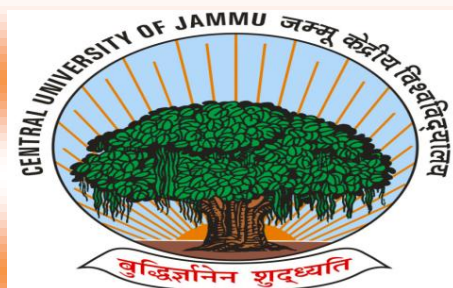Vice-Chancellor, Central University of Jammu

Convener
Dr. Ajay Kumar Sharma
Head, Department of Mathematics, Central University of Jammu

Organizing Secretary
Dr. Kamlesh Kumar
Department of Mathematics, Central University of Jammu

Organizing Committee Members
Dr. Pavinder Singh
Dr. Sanjay Kumar
Mr. Sundar Pal
Dr. Sunil Kumar Sharma

Eminent Speakers

Dr. Harish Garg
School of Mathematics, Thapar Institute of Engineering and Technology, Patiala, India

Dr. Puneet Rana
Department of Mathematics, Wenzhou-Kean University, China

Contact details
Dr. Ajay Kumar Sharma: +91-7780959254
Dr. Kamlesh Kumar: +91-9797850485
Parmeet Kaur Chahal: +91-6005745931 (Scholar)
Email: workshopmathscuj@gmail.com

CENTRAL UNIVERSITY OF JAMMU

The Central University of Jammu (CUJ) came into existence on August 08, 2011, with the appointment of the first Vice-Chancellor. It was established by the central Universities Act, 2009 (Act No. 25 of 2009 read with the Central Universities Act, 2009). Currently, the University is offering 35 programmes under the aegis of 19 Departments, 02 Research Centres and 01 Community College. The programmes include 04 five-year integrated programmes, 15 Post Graduate programmes, 12 Reasearch oriented and 02 Under-graduate level vocational programmes.

The campus of Central University of Jammu is situated at Village-Bagla, Rahya in District-Samba, which is at a distance of 25kms (appox.) from Jammu city.

DEPARTMENT OF MATHEMATICS

The Department of Mathematics was established along with the inception of the Central University of Jammu (CUJ) in the year 2011. Currently, the Department is offering M.Sc. in Mathematics with the intake of 55 students. Apart from P.G. Course, research programme was introduced in the department in the year 2012. At present the Department is actively engaged in the research activities and has produced 09 Ph.D. degrees and 10 M.Phil. degrees till date.

At present various research projects sponsored by various funding agencies are undertaken by faculty members. The Department of Mathematics has identified core research areas: Functional Analysis, Operator Theory, Algebra, Queueing Modelling, and Operations Research. On the basis of academic/research output, the Department has been sanctioned a grant of Rs. 52 lacs under the DST-FIST program under Level-I, DST, GOI.

ABOUT WORKSHOP

Objective:

This Workshop aims to provide a comprehensive theoretical and hands on practical experience on LATEX.

Course contents:

- ➢ Introduction to LATEX, writing applications, research articles, thesis etc.
- ➢ Use of JabRef Reference Manager in LATEX.
- ➢ Creating presentation with Beamer.

Why we should learn LATEX?

LATEX is a document preparation system for high quality typesetting, which is preferably used for technical/scientific paper writing for journals by researchers, engineers and mathematicians at large. The typesetting system offers programmable writing features and extensive facilities for automating most aspects of typesetting. Some useful features of LATEX are:

- ❖ Typesetting of Journal articles, technical reports, thesis, books and slide presentations.
- ❖ Simpler to handle large documents containing sectioning, cross-reference, tables, mathematical equations, footnotes and figures.
- ❖ Typesetting of complex mathematical formulae.
- ❖ Advanced typesetting of mathematics with AMS-LATEX.
- ❖ Automatic generation of table of contents, bibliographies and indices.

Target audience:

- ✓ Academicians
- ✓ Research Scholars
- ✓ UG and PG Students

Registration Details:

For participating in the workshop, dear participants first you need to make a payment of **Rs. 150** to the following account:

The Head, Department of Mathematics, Central University of Jammu
A/C No.: **0902040500000041**
IFSC Code: **JAKA0RAHYAA** (fifth digit is zero)
Bank Name: Jammu and Kashmir Bank
Branch: Rahya, Distt. Samba (J & K)

After making the payment, the participants can complete the registration through the following link: https://docs.google.com/forms/d/e/1FAIpQLSf8bLbtssY2c9I7KUVG6vRzF4PFhEYFa9DkaTknnJIHRGa48A/viewform?usp=pp_url

Last date for the registration: 22nd Feb. 2022.