

Profile of the Mathematics Department

The Department was one of the first four departments started in erstwhile Post Graduate centre, Warangal, of Osmania University in 1967. The centre was upgraded into Kakatiya University in the year 1976. Subsequently, Mathematics Department became a full-fledged one. The Department was recognized by DST under Fund for Infrastructure in Science & Technology(FIST) Scheme in 2015. The Department is offering M.Sc. and Ph.D. programme in Mathematics enveloping Pure Mathematics, Applied Mathematics, Statistics, and Computer Science. The Faculty is engaged in research in the domains of Complex Analysis, Algebra, Mechanics of Solids, Bone Mechanics, Reliability, Numerical Analysis, Internet Traffic Modelling, and Performance Evaluation of Internet Router. The Department has been striving hard towards promotion of inter disciplinary concepts amongst students and researchers of various departments. The Department has been supporting about 10 departments/colleges in the campus on teaching front.

Objective of the Programme

It has become common practice that the Editorial Board and publishers of journals of even moderate impact are accepting the manuscripts in LaTeX format to avoid delay in review process and production. LaTeX is a text format which is globally recognized. Because of lack of expertise in LaTeX, even good research results are not able to find a room in reputed journals. Moreover, besides many advantages with LaTeX, look and feel features of technical report, internal question paper, and Ph.D. thesis in LaTeX format are much superior over that of other text formats. Persons with this expertise are rarely available outside academia, even if they are available outside, they charge heavily.

Keeping the above facts in mind, Department of Mathematics has proposed to organize training programme on LaTeX in association with Spoken Tutorial, Software Training Project, **Developed by IIT Bombay.**

One Week

(Online)

**Faculty Development Programme
on
LaTeX & Technical Report Writing**

25-30 May, 2020



Organized by
Department of Mathematics
Kakatiya University
Warangal-506009, Telangana

in Association with



SPOKEN TUTORIAL
SOFTWARE TRAINING PROJECT
Developed by IIT BOMBAY
A PROJECT OF THE NATIONAL MISSION ON EDUCATION THROUGH ICT
POWERED BY THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT
GOVERNMENT OF INDIA

spoken-tutorial.org

Last Date for Registration : 22-05-2020.

Participants will receive an E-Certificate

Registration Fee : Nil

Participation Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSeRYbWEIUxuSNosKDwyxqGWpcFP_IOTdXgSI-h2F7Sv5p8NyQ/viewform?vc=0&c=0&w=1

For more details, contact :

Dr. L. P. Raj Kumar, 98491 33398

Dr. K. Somaiah, 98495 71898

Schedule

Date	Session	List of Content	Duration of Lecture
25th May 2020	I	LaTeX on Windows using TeXworks	12.01 min
	II	Report Writing	13.00 min
	III	Quiz	Quiz Link will be provided at 8:00 Pm
	IV	Course Journal	Daily preparation material by the participant
26th May 2020	I	Letter Writing	8.19 min
	II	Mathematical Typesetting	13.12 min
	III	Quiz	Quiz Link will be provided at 8:00 Pm
	IV	Course Journal	Daily preparation material by the participant
27th May 2020	I	Equations	12.06 min
	II	Numbering Equations	10.40 min
	III	Quiz	Quiz Link will be provided at 8:00 Pm
	IV	Course Journal	Daily preparation material by the participant
28th May 2020	I	Tables and Figures	25.11 min
	II	Beamer/PPTs	34.09 min
	III	Quiz	Quiz Link will be provided at 8:00 Pm
	IV	Course Journal	Daily preparation material by the participant
29th May 2020	I	Bibliography	8.20 min
	II	Feedback Diagram with Maths	15.21 min
	III	New command in LaTeX	11.31 min
	IV	New Environment in LaTeX	9.18 min
	V	Quiz	Quiz Link will be provided at 8:00 Pm
	VI	Course Journal	Daily preparation material by the participant
30th May 2020	I	New Command in LaTeX	11.31 min
	II	New Environment in LaTeX	9.18 min
	III	Quiz	Quiz Link will be provided at 8:00 Pm
	IV	Course Journal	Daily preparation material by the participant

Sessions by Local Resource Persons

Sl.No.	Date	Session & Time	Content/Title	Resource Person
1	25-05-2020	Inaugural Session 10:00 am	Inaugural Address	Prof. K. Purushotham Registrar, KU
2	28-05-2020	Session –I 2:00 pm to 3: pm	English Grammar for Research Purposes	Prof. A. Rajeshwar Department of English, KU
3	29-05-2020	Session –II 2:00 pm to 3: pm	Hands on Training on Ph.D. Thesis in LaTeX Format	Dr. L. P. Raj Kumar Department of Mathematics, KU
4	30-05-2020	Session –III 2:00 pm to 3: pm	LaTeX as Synergistic Tool in the Promotion of Quality Research	Prof .P. Malla Reddy Department of Mathematics, KU

Daily Mandatory Work

1. Daily Course Journal maintaining (must be submitted on 6th day)
2. Quiz Link will be provided at 8:00 Pm (Everyday).Quiz will be completed before 11:00 am (Next Day).

Note

1. Test Link will be approved By IITB only when the entire above tasks will be completed within the schedule.
2. During the course, any interested participant can practice LaTeX in the Computer Laboratory, Department of Mathematics on any working day with all COVID-19 precautionary measures.

Co-ordinators :

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Dr. K. Somaiah, 98495 71898

Spoken Tutorial Training Manager

Ms. Pooja Singh
. IIT Bombay

