

ONLINE FACULTY DEVELOPMENT PROGRAMME

Title : LaTeX

Category : Faculty Development Program

Date : 7th June to 12th June 2021(6 Days)

No. of Resource Person : 1

No. of Participants : 550

Organizers : Department of Mathematics & Physics

Resource Person : Dr. A. Sebastian Selvaraj
Guest Lecture,
Department of Mathematics,
Madurai Kamaraj University Constituent college,
Vedasandur,
Dindigul.

Mode : Online

Objective:

This FDP mainly focused on the participants to communicate their ideas effectively in the form of technical reports, Journals, papers etc by using the technical writing tool LaTeX.

Program Schedule:

Schedule for LaTeX		
Day	Topic	Time
Day 1, 7 th June , 2021	Introduction to LaTeX , Downloading and Installation of LaTeX, Basic Math in LaTeX., AMS Packages (Math symbols and math fonts –	10.15 am onwards

	Formatting Texts	
Day 2 , 8 th June , 2021	page Layout and style – Listing – Table preparation – Figure Insertion, Writing Equations, List of contents and Index	10.00 am onwards
Day 3 , 9 th June , 2021	writing CV using overleaf, Famous LaTeX Packages like Chemfig command, TikZ Package etc, Preparing an article, Footnotes and Ensnates, Inserting references, Bibliography , citing references.	
Day 4 , 10 th June , 2021	Plotting 2D and 3D Graphs using Tikz and ps Tricks , Conversion of MATLAB Codes in LaTeX , Online LaTeX Editor : Overleaf.	
Day 5 , 11 th June , 2021	Making presentation using Beamer, Project, Thesis and Book Writing	
Day 6 , 12 th June , 2021	List of Plug – in software for LaTeX Conversion	

Report :

The Dept of Mathematics and Physics organized a one week online Faculty Development Program on LaTeX during 7th June to 12th June 2021 at 10.00 am. The FDP received a huge response with more than 500 participants from various institutions especially from various states like Haryana, Maharashtra, Uttara Pradesh, Punjab, Karnataka, Rajasthan, Telangana, Andra Pradesh, Pondichery and also from other country Saudi Arabia.

Day 1, Program started with an Inagural Function with a prayer song, followed by welcome address by Asst. Prof. K. Sumithra, Dept of Mathematics. In her welcome speech she highlighted the importance and objectives of organizing thie FDP. At the end, the inaugural session was concluded with a vote of thanks given by Asst. Prof. D. Pandi Devi, Dept of Mathematics. Finally Asst. Prof. Dr. D. Dayana Roselin introduced our eminent Resource Person Dr. A. Sebastian Selvaraj and hand over the session to him.

In Day 2, Dr. A. Sebastian Selvaraj Demonstrated lecture on the topic Page Layout & Style, Listing, Table Preparation, Figure Insertion, Equation Writing and List of Contents & Index.

In Day 3, he continued his lecture on the topic Outline of Chemistry related packages, Tikz, Article Preparation, Reference Management, Citation and Cross Reference, Online LaTeX Editor, CV using Overleaf.

In Day 4, he delivered lecture on the topic Theorem like Environment, Plotting 2D & 3D Functions, Matlab code in LaTeX.

In Day 5, he discussed on the topics Book & Thesis Preparation, Presentation using Beamer.

At the end of the Day 6, he demonstrated lecture on the topics List of Plug – in software for LaTeX Conversion

The FDP received a lot of positive Feedback from faculty members and research scholar from many universities of India and from Saudi Arabia. There were above 500 enthusiastic participants in total, who took part in the 6 – Days Online FDP on LaTeX. Each session was of 90 minutes which included open questions answer session. Zoom meet was the platform used and the session link

and Program schedule were shared every morning for the day. And also feedback links were shared at the end of every day session. The registered participants were engaged in a special two whatsapp groups and by Email. The recording is being uploaded on the youtube channel of Auxilim College.

Finally this FDP comes to close with a Valedictory Function, started with prayer song, followed by the welcome speech by Asst. Prof. M. Sangeetha, Dept of Physics. Rev. Sr. Dr. P. Selvarani, the Principal gave a Presidential address in which she thank the Resource Person, Active Participants and the Organizing committee. At the end Vote of thanks was given by Asst. Prof. J. Steffi Flora. Feedback was received from the participants and E – Certificate were sent to the participants by mail. On the whole the Program was well appreciated by the participants.

Outcome of the Program:

Participants will :

- Be able to improve the aesthetic quality of their work.
- Be befitted as many academic journals and conferences categorically require dedicated LaTeX Style files for correctly typesetting of their submission.
- Be well-equipped to format the contents of books, reports, resumes, letters, thesis, and presentation using beamer..... anything they want to write.

FDP – E – Brochure:

Auxilium College of Arts & Science for Women
Regunathapuram Post, Karambakudi (TK) Pudukottai Dt - 622 302

ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAM ON
L^AT_EX
ORGANISED BY
DEPARTMENT OF MATHEMATICS AND PHYSICS
WITH BEST WISHES FROM

Date
07/06/2021
to
12/06/2021

Time
10AM - 11.30 AM

Platform
zoom

Resource Person
Dr. A. Sebastian Selvaraj,
Guest Lecturer,
Department of Mathematics,
Government Arts and Science College,
(Madurai District) Villupuram,
Coimbatore (Tamil Nadu),
Dindigul.

ORGANISING COMMITTEE
CONVENOR
Rev. Sr. Dr. S. Subash Jeyapandian
COORDINATORS
Dr. B. Jayaram Ramesh
Mrs. S. Sangeetha
Mrs. M. Sangeetha
Ms. J. Steffi Flora

Instructions:
• No Registration Fee
• E- Certificate will be provided to those who attend one week FDP and submit the feedback
• Meeting link will be sent to registered mail ID and Whatsapp Group
• Last Date for Registration **07.06.2021**
upto 9.30 AM
• REGISTRATION LINK
<https://forms.gle/bYUWH2em3n4wQLVA>

PROGRAM SCHEDULE
INAUGURAL FUNCTION
10AM - 10.15AM

DAY 1 Downloading and Installation of LaTeX, Basic Math in LaTeX. **TIME 10.15AM - 11.30 AM**

DAY 2 Writing Equations, Famous LaTeX Packages like Chemfig command, TikZ Package etc. **TIME 10.00AM - 11.30 AM**

DAY 3 Preparing an article, Footnotes and Endnotes, Inserting references, Bibliography, citing references. **TIME 10.00AM - 11.30 AM**

DAY 4 Plotting 2D and 3D Graphs using TikZ and pgfplots, Conversion of MATLAB Codes in LaTeX, Other LaTeX Editor. **TIME 10.00AM - 11.30 AM**

DAY 5 Making presentation using Beamer. **TIME 10.00AM - 11.30 AM**

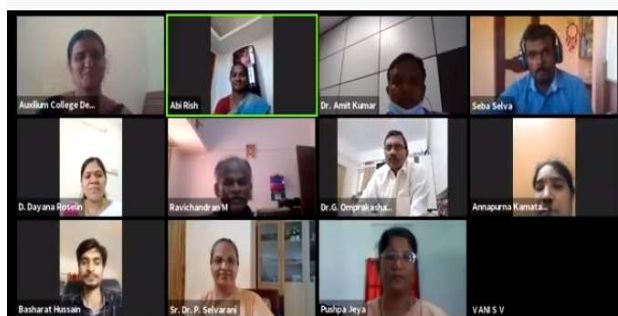
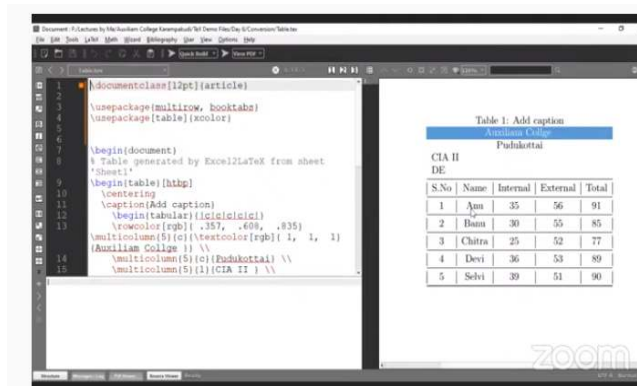
DAY 6 Project, Thesis and Book Writing. **TIME 10.00AM - 11.30 AM**

VALEDICTORY FUNCTION
11.30AM - 11.45AM

Sample – E – Certificate:



Screenshots of Online FDP Events:



**CELEBRATION ON 134TH BIRTH ANNIVERSARY OF SRI SRINIVASA
RAMANUJAN**

INTER DEPARTMENT OF MATHEMATICS

Title	: Inter Departmental Meet
Category	: Mathematics Association
Date	: 20th December 2021(1 Days)
No. of Resource Person	: 1
No. of Participants	: 550
Organizers	: Department of Mathematics
Topic	: Introduction to Topology
Resource Person	: Dr. O. Uma Maheswari Assistant Professor, Department of Mathematics, JJ college of Arts and Science, Pudukkottai.
Venue	: Media Hall

Objective:

This Inter Departmental Meet mainly focused on the participants to develop their creative skills and to stimulate their innovative ideas in the field of Mathematics. The following are the competition conducted by Department of Mathematics.

- 1. Math Quiz**
- 2. Math Poem**
- 3. Math Essay**

4. Math Rangoli

5. Math Poster Making

6. Math Paper Presentation

Report:

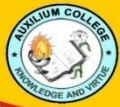
The Dept of Mathematics organized an Inter Departmental Meet on 20^h December 2021 at 10.00 am. Program started with an Inaugural Function with a prayer song, followed by welcome address by Asst. Prof. K. Sumithra, Dept of Mathematics. Rev. Sr. Dr. M. A. Maria Pushpam , the secretary highlighted the importance and objectives of organizing this Inter Departmental Meet. Rev. Sr. Dr. P. Selvarani , the Principal gave a Presidential address in which she thank the Resource Person for accepting the invitation and introduced our eminent Resource Person Dr. O. Uma Maheswari and hand over the session to her.

Dr. O. Uma Maheswari delivered a lecture on the topic Introduction to Topology by giving real life examples. The Sessions was more informative and innovative

As a token of love 16 winners from various competition received their prizes and all the participants received their certificates

At the end, the session was concluded with a vote of thanks given by Asst. Prof. D. Pandi Devi, Dept of Mathematics.

Brochure :

**AUXILIUM COLLEGE OF
ARTS & SCIENCE FOR WOMEN**
Regunathapuram, Pudukkottai (DT).

DEPARTMENT OF MATHEMATICS
Cordially invites you to celebrate
Inter Departmental Meet
on
134th Birth Anniversary of Sri Srinivasa Ramanujan
to be held on Monday, 20th Dec 2021; Organised
by the Mathematics Association
Dr. **O. Uma Maheswari**, M.Sc., M.Phil., PG.D.C.A., Ph.D.,
Asst. Prof. J.J. College of Arts & Science (Autonomous)
Sivapuram, Pudukkottai.
has kindly consented to be the chief guest and
rekindle ourselves by presenting on
"Introduction to Topology"
in the presence of
Rev Dr. Sr. **M.A. Mariapushpam**, FMA.,
Secretary, Auxilium College
and
Rev Dr. Sr. **P. Selvarani**, FMA.,
Principal, Auxilium College of Arts & Science
to preside over the prize distribution and deliver the key note address

EVENTS

- Paper Presentation
- Poster Making
- Math Rangil
- Math Quiz
- Math Poem
- Math Essay

AGENDA

- Prayer Song
- Welcome Address
- Felicitation
- Keynote Address
- Prize Distribution
- Vote of Thanks

Venue
Media Hall
Organized by
Management / Principal / Staff Members / Students

Banner of Inter Departmental Meet

AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN
REGUNATHAPURAM, PUDUKKOTTAI

Inter Departmental Meet On
134th Birth Anniversary Of Sri Srinivasa Ramanujan.

**Monday, 20th
December 2021**



**THE AMAZING
HARDY-RAMANUJAN NUMBER**
 $1729 = 1^3 + 12^3$
 $1729 = 9^3 + 10^3$
 $1+7+2+9 = 19 \times 91 = 1729$

Organised by
DEPARTMENT OF MATHEMATICS
STAFF MEMBERS and STUDENTS

Certificate of Inter Departmental Meet



Youtube Link of Inter Departmental Meet

<https://youtu.be/MP-OcR4kWnQ>

Screenshots of Inter Departmental Meet



