

AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(An ISO 9001: 2015 Certified Institution)

Affiliated to Bharathidasan University, Tiruchirappalli -24

Managed by Salesian Sisters, Trichy

Regunathapuram (PO)., Karambakudi (TK)., Pudukkottai (DT) - 622302.

ONLINE FACULTY DEVELOPMENT PROGRAMME

Title	: LaTeX
Category	: Faculty Development Program
Date	: 7 th June to 12 th June 2021(6 Days)
No.of. Resource Person	: 1
No.of.Participants	: 550
Organizers	: Department of Mathematics & Physics
Resource Person	: Dr.A. Sebastin Selvaraj Guest Lecturer, Department of Mathematics Madurai Kamaraj University Constituent college, Vedasandur, Dindigul.
Mode	: Online

Objective:

This FDP mainly focused on the participants communicating 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, 7th June 2021	Introduction to LaTeX, Downloading, and Installation of LaTeX, Basic Math in LaTeX., AMS Packages (Math symbols and math fonts – Formatting Texts	10.15 am onwards
Day 2, 8th June 2021	page Layout and style – Listing – Table preparation – Figure Insertion, Writing Equations, List of Contents, and Index	
Day 3, 9th June 2021	writing CV using overleaf, Famous LaTeX Packages like Chemfig command, TikZ Package, etc, Preparing an article, Footnotes, and Ensnotes, Inserting references, Bibliography, citing references.	
Day 4, 10th June 2021	Plotting 2D and 3D Graphs using Tikz and ps Tricks, Conversion of MATLAB Codes in LaTeX, Online LaTeX Editor: Overleaf.	10.00 am onwards
Day 5, 11th June 2021	Making presentation using Beamer, Project, Thesis, and Book Writing	
Day 6, 12th 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 from 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 another country Saudi Arabia.

Day 1, Program started with an Inaugural Function with a prayer song, followed by a welcome address by Asst. Prof. K. Sumithra, Dept of Mathematics. In her welcome speech, she highlighted the importance and objectives of organizing the FDP. In 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.

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

On 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.

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

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

At the end of Day 6, he demonstrated a 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 scholars from many universities in India and 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 the everyday 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 a close with a Valedictory Function, started with a 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 thanked 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 – An certificate was sent to the participants by mail. On the whole, the Programme was well appreciated by the participants.

The 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 correct typesetting of their submission.
- Be well-equipped to format the contents of books, reports, resumes, letters, thesis, and presentations using beamer..... anything they want to write.

FDP – E-Brochure:

Auxilium College of Arts & Science for Women
Regunathapuram Post, Karambakkudi (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 Kanara University, Government College, Vaidalur, Dindigul.

Organising Committee:
CONVENOR: Rev. Sr. Dr. S. Subbulakshmi
COORDINATORS: Dr. D. Dayana Rani, Mrs. M. Sangeetha, Mrs. J. Saritha

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** until **9.30 AM**
• REGISTRATION LINK: <https://forms.gle/biYUWH2em3n4wQLVA>

PROGRAM SCHEDULE
INAUGURAL FUNCTION
10AM - 10.15AM

DAY	Activity	TIME
DAY 1	Downloading and Installation of LaTeX, Basic Math in LaTeX.	10.15AM - 11.30 AM
DAY 2	Writing Equations, Famous LaTeX Packages like Chemfig command, TikZ Package etc.	10.00AM - 11.30 AM
DAY 3	Preparing an article, Footnotes and Endnotes, Inserting references, Bibliography, citing references.	10.00AM - 11.30 AM

VALEDICTORY FUNCTION
11.30AM - 11.45AM

DAY	Activity	TIME
DAY 4	Plotting 2D and 3D Graphs using Tikz and ps Tricks, Conversion of MATLAB Codes in LaTeX, Online LaTeX Editor	10.00AM - 11.30 AM
DAY 5	Making presentation using Beamer	10.00AM - 11.30 AM
DAY 6	Project, Thesis and Book Writing	10.00AM - 11.30 AM

Sample – E – Certificate:

AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN
Regunathapuram(PO), Karambakkudi(TK), Pudukkottai(Dt) -622 302

ONE WEEK ONLINE FDP ON L^AT_EX

E-Certificate

This is to certify that **SARANYA K K** Asst. Professor in Mathematics of **AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN, REGUNATHAPURAM** has Participated in **One week Online Faculty Development Program on "LaTeX"** Organized by Department of Mathematics and Physics Auxilium College of Arts and Science for Women, Regunathapuram from 07.06.2021 to 12.06.2021.

Dr. Sr. P. Selvarani
Rev. Sr. Dr. P. Selvarani
Principal

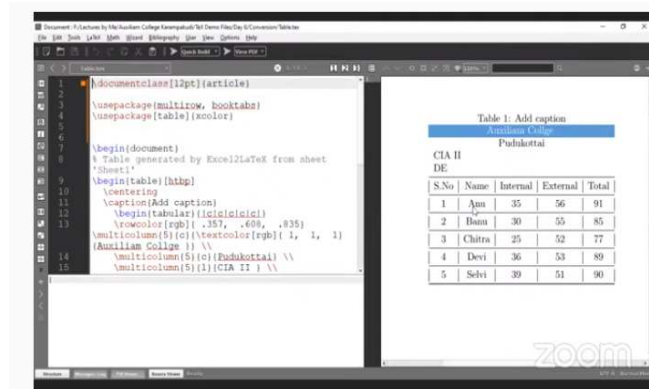
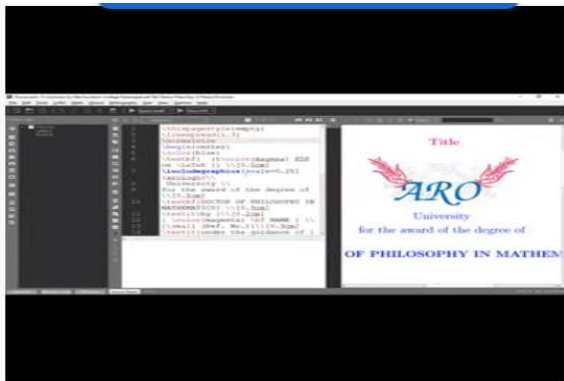
Dr.A.Sebastian Selvaraj
Resource Person
Guest Lecturer of Mathematics
Government Arts and Science College,vedasandur
Dindigul.

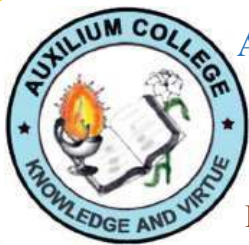
Rev.Sr.Dr.M.Pushpa
Head & Convenor
Department of Mathematics

Mrs.M.Sangeetha
Head & Coordinator
Department of Physics

Made for free with Certify'em

Screenshots of Online FDP Events:





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THREE DAYS OF FACULTY DEVELOPMENT

TITLE: BREAKING BARRIERS – THE IMPACT OF COVID-19

DATE: 23, 24 & 25.08.2021

TIME: 11.15 a.m. To 12.30 p.m.

VENUE: GOOGLE PLATFORM

Report

We have organized the Faculty Development Program in our college from 23.08.2021 to 25.08.2021. We have invited participants from many colleges across the state. The program is titled “**Breaking Barriers- The Impact of Covid -19**”. We have brought **Rev. Dr. Fr. I. Arnald Mahesh** as a resource person. We have conducted the meeting through Google Platform from 11.15 a.m. to 12.30 p.m. The meeting has been recorded. We have issued the certificates to the participants, after the submission of the feedback form. More than 100 participants took part in the program. Mrs. A. Santha Sheela Mary has co-ordinate throughout the session.

DAY - I (TEACHING IS LEARNING)

The program began with the invocation song followed by this, Miss. G. Niranjana Asst. Prof., Department of English, presented the Welcome Address to the gatherings. Then our Vice-Principal Rev. **Sr. Dr. Sebasti Jeya Pushpa** inaugurated the function with the felicitation Address. Afterward, we handed over the session to the Resource person. He Shared his wonderful thoughts under the title “Teaching is Learning”. He conveyed his thoughts through three stories. He explained four kinds of Teachers and their qualities. He advised me to be an extraordinary teacher. He listed out some major barriers to online teaching. Such as network issues, Family situations, etc. He gave some valuable suggestions to overcome the barriers

through the PowerPoint presentation. He wishes all the teachers to be a parent, to the entire student. The session was ended with a vote of thanks and Questionnaire sections.

DAY – II (ECOLOGICAL TRANSFORMATION)

The second day's program was continued with a title introduction. Rev.Dr.Fr. I. Arnald Mahesh shared his ideas about Ecological Transformation. He taught the participants “How to Worship Nature”. He insisted all the participants think of Earth as their own home. He also showed the negative side of our Environment. He talked about Interconnection and Interdependence with the Environs. He shared statistical data on the excessive use of Electricity, Water, etc, He completed this session with his valuable Information. Through, this a lot of doubts were aroused by the faculties and it was clarified by the father clearly and simply. Finally, the session was completed with a vote of thanks by Asst. Prof. Mrs.A.Santha Sheela Mary.

DAY – III (EFFECTS AND THEIR CAUSES)

The Third-day program began with a recap of the previous day. The speaker gave so many valuable suggestions to preserve the environment. He stressed the concept of Eco - Friendly. He gave some tips for water management, electricity management. He explained about the three Rs. Such as Reduce, Recycle and Reuse. He talked about non- Biodegradable and Biodegradable waste. He introduced the new concept of Upcycling.

He suggested a paperless classroom and reducing the cutting of trees. He advised reducing the consumption level of daily usage. He suggested practicing some events such as meet, free day, green day, etc., To create great awareness about the environment among the students. Finally, our Principal explained about the E-Governance and Automation facility in our college. She expressed her deep sense of gratitude to thank the resource person for his presence. The program was ended with a formal vote of thanks by Miss. J. Steffi Flora, Asst. Prof. Department of Physics. We have received many positive feedbacks from the Participants.



**AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN
REGUNATHAPURAM (PO), KARAMBAKUDI (Tk),
PUDUKKOTTAI (Dt)**

**THREE DAYS FACULTY DEVELOPMENT PROGRAMME
ON**

BREAKING BARRIERS-THE IMPACT OF COVID- 19

RESOURCE PERSON

**TIME
11.15 AM
TO
12.30 PM**

**DATE
23.08.2021
TO
25.08.2021**



FR.DR. I.ARNALD MAHESH,SDB., Ph.D

DIRECTOR &PARISH OF XAVIER'S CHURCH

MEETING LINK: <https://meet.google.com/ubr-uekc-qju>

E- CERTIFICATES WILL BE PROVIDED



AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN-
REGUNATHAPURAM 622 302



Certificate of Appreciation

This Certificate is proudly presented to

Fr.Dr. ARNALD MAHESH I SDB., Ph.D

A grateful acknowledgment and sincere appreciation for having served as **Resource person** in
Faculty Development Programme Titled "**Breaking barriers – The impact of Covid '19**"

From 23.08.2021 to 25.08.2021

Rev. Sr. Dr. M.A. Maria Pushpam
Secretary
Auxilium College of Arts & Science

Rev. Sr. Dr. P. Selvarani
Principal
Auxilium College of Arts & Science