

**NEHRU MEMORIAL COLLEGE (Autonomous)
(Nationally Accredited with A grade)
PUTHANAMPATTI**

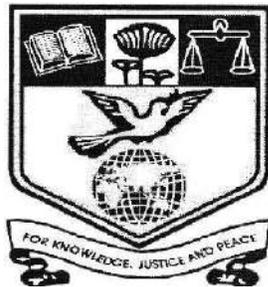
PG & RESEARCH DEPARTMENT OF MATHEMATICS

VALUE ADDED COURSES

CERTIFICATE COURSE STRUCTURE & SYLLABI (UG)

(CBCS)

(For the candidates admitted from 2019-2020 onwards)



NEHRU MEMORIAL COLLEGE (AUTONOMOUS), PUTHANMPATTI

CERTIFICATE COURSE STRUCTURE

CERTIFICATE COURSES OFFERED BY THE DEPARTMENT (OPTIONAL)

PROGRAMME	NO. OF COURSES	NO. INST. HRS.	MAX. CREDITS	REMARKS
UG	3	20 Hrs / Course	12	OPEN TO ALL UG PROGRAMMES

S.No.	Course Title	Code	Hours/ Semester	Credits	Exam Hours	Total Marks
1	L ^A T _E X	19CER1T/L	30	4	3	100
2	Fundamentals of Accounting	19CER2	30	4	3	100
3	Fundamentals of Computerized Accounting	19CER3T/L	30	4	3	100
Total				12	-	300

SYLLABI
CERTIFICATE COURSE ON L^AT_EX

Code	Course Name	Credits	Instructional Hours/ Semester
19CER1T/L	L ^A T _E X	4	20

OBJECTIVES: To learn and practice the typesetting Language L^AT_EX

Unit I: The basics: What is L^AT_EX-Simple typesetting-fonts-Type size-The document: Document class-page style - Page numbering - formatting lengths - Parts of a document - Dividing the document.

Unit II: Bibliography: nabib - Bibliography database: The BIB_TE_X program - BIB_TE_X style file - Creating a bibliography database.

Unit III: Table of contents, Index and Glossary: Table of contents - Index - Displayed Text: Borrowed words - Poetry in typesetting - Making list - When order matters - Description and definition.

Unit IV: R_pw_s and Columns: Keeping tabs - Tables - Typesetting mathematics : The basics - Custom commands- More on mathematics - mathematics miscellany - New operators - The many faces of mathematics - Symbols.

Unit V: Typesetting theorems: Theorem in L^AT_EX-Designer theorem-The ams theorem package-Housekeeping-Several Kinds of Boxes : L R boxes-Paragraph boxes- Paragraph boxes with specific height-Nested boxes-Rulboxes.

List of Practical

- Typesetting
- List
- Enumeration
- Typesetting Mathematics -basics
- Several kinds of Boxes
- Coloring Text
- Inserting Picture
- Bibliography
- Typesetting Mathematics
- Book Environment
- Typesetting Theorems
- Beamer
- Graphs

References:

1. Leslie Lamport, 1985. L^AT_EX—A Document Preparation System—Users Guide and Reference Manual, Addison- Wesley, Reading.
2. Donald E.Knuth,1989. Typesetting Concrete Mathematics,TUGBoat,10(1):31-36.



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Puthanampatti-621007, Tiruchirappalli- District

STUDENTS ATTENDANCE SHEET

Date : 31.05.2021

Course Code: 19EXC4L

Title of the Course: LaTeX Lab

S.No.	Name	Register Number	Present/Absent (AAA)
1.	ISHWARYA S	U19M0007	P
2.	KOWSALYA R	U19M009	P
3.	LEELAMBIGAI S	U19M0010	P
4.	NANDHINI P	U19M0011	P
5.	PAVITHRA T	U19M0012	P
6.	RAVEENA T	U19M0013	P
7.	SELLAMMAL D	U19M0015	P
8.	SHABARISRI M	U19M0017	P
9.	SHALINI S	U19M0018	P
10.	SIVADHARANI S	U19M0021	P
11.	SNEHA.S	U19M0022	P
12.	SNEKA M	U19M0023	P
13.	TAMILALAGI E	U19M0024	P
14.	VASUKI N	U19M0026	P
15.	VINISHA S	U19M0027	P
16.	JEEVA M	U19M0033	P
17.	RAMKUMAR J	U19M0034	P
18.	SARANRAJ V	U19M0036	P

Total No. of
Scripts Registered : 18
Present : 18
Absentee : NIL

1.

2.

Digital Signature of Examiners



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Puthanampatti – 621 007, Tiruchirappalli District,
Tamil Nadu, INDIA.



CERTIFICATE

*This is to certify that KOWSALYA, R. (VAC19M0009)
has successfully completed the Certificate Course on
“**LaTeX LAB**” conducted in December 2020 / May 2021.*


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*This is to certify that SELLAMMAL, D. (VAC19M0015)
has successfully completed the Certificate Course on
“LaTeX LAB” conducted in December 2020 / May 2021.*


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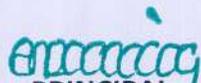
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*This is to certify that SHALINI, S. (VAC19M0018)
has successfully completed the Certificate Course on
“LaTeX LAB” conducted in December 2020 / May 2021.*


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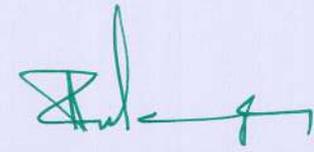


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*This is to certify that SNEHA , S. (VAC19M0022)
has successfully completed the Certificate Course on
“LaTeX LAB” conducted in December 2020 / May 2021.*


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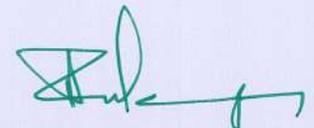


CERTIFICATE

*This is to certify that VINISHA, S. (VAC19M0027)
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“LaTeX LAB” conducted in December 2020 / May 2021.*


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