

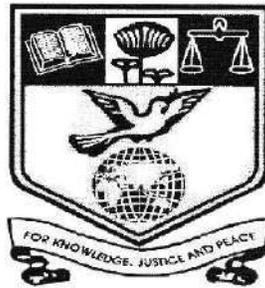
**NEHRU MEMORIAL COLLEGE (Autonomous)
(Nationally accredited with A grade by NAAC)
PUTHANAMPATTI**

PG & RESEARCH DEPARTMENT OF MATHEMATICS

VALUE ADDED COURSE

**UG - EXTRA CREDIT COURSE
STRUCTURE & SYLLABI
(CBCS)**

(For the candidates admitted from 2015-2016 onwards)



NEHRU MEMORIAL COLLEGE (Autonomous), PUTHANMPATTI
Under Graduate Programme Course Structure CBCS
(For the candidates admitted from 2015-2016 onwards)

COURSES	NO. OF COURSES	NO. INST. HRS.	MAX. CREDITS	REMARKS
EXTRA CREDIT	6	30 Hrs / Course	12	I - VI SEMESTER

SEM	CODE	TITLE OF COURSE	HRS / WEEK	CREDITS	TOTAL MARKS
I-VI	15EXCI	EXC I -LATEX LAB	2	2	100
	15EXCII	EXC II- MATHEMATICS FOR COMPETITATIVE EXAM	2	2	100
	15EXCIII	EXC III - MATHEMATICAL LOGIC	2	2	100
	15EXCIV	EXC IV - GIMP LAB	2	2	100
	15EXCV	EXC V - GROUP PROJECT	2	2	100
	15EXCVI	EXC VI - CASE STUDY ON OR	2	2	100

OBE ELEMENTS

Programme Educational Objectives (PEO)

PEO 1: To qualify the students to become successful professionals by demonstrating logical and analytical thinking abilities.

PEO 2: To provide knowledge in the breadth and depth of mathematics, including the connections between different areas of mathematics.

PEO 3: Gain experience investigating the real world problems and learn how to apply mathematical ideas and models to those problems.

PEO 4: Analyze the use of computer technology to solve problems and to promote understanding.

Program Outcome (PO)

PO 1: Become knowledgeable in the subject of Mathematics and apply the principles of the same to the needs of the Employer/Institution/Enterprise/Society.

PO 2: Gain analytical skills in the field of Mathematics

PO 3: Understand and appreciate professional ethics, community living and Nation Building initiatives.

PO 4: To develop important analytical and logical skills and problem solving strategies to assess a broad range of issues in real life.

PO 5: To expose a wide range of modern mathematical ideas from pure and applied mathematics to graduate with both technical and quantitative skills that are in demand in the modern world.

PO 6: To acquire mathematical knowledge and understanding in advanced areas of mathematics from the given courses that provides a solid foundation for future learning.

Programme Specific Outcome (PSO)

PSO 1: Apply the knowledge of Mathematics in the domain of Science, Engineering and Technology

PSO 2: Solve the complex problems in the field of mathematics with an understanding of the societal, legal and cultural impacts of the solution.

PSO 3 :Familiar with a variety of examples where mathematics helps accurately explain abstract or physical phenomena.

PSO 4 : Able to independently read mathematical literature of various types, including survey articles, scholarly books, and online sources.

PSO 5 : Life-long learners who are able to independently expand their mathematical expertise when needed, or for interest's sake.

PSO 6 : Recognize the importance and value of mathematical and statistical thinking, training and approach to problem solving, on a diverse variety of disciplines.

Course Code & Title	15EXCI EXC I – LaTeX Lab (Value added Course)		
B.Sc. Mathematics	Semester : I	Credits : 2	Hrs/ Wk : 2
Cognitive Level	K – 1 – Acquire K – 2 – Understanding K – 3 – Apply K – 4 – Evaluate K – 5 – Analyze		
Course Objectives	The Course aims to <ul style="list-style-type: none"> • know all needed about LaTeX • provide a practical knowledge to the students on LaTeX. 		
Entrepreneurship (Value added Course)	Global need	Experiential Learning	

UNIT	Content	No. of Hours
-	Programme List 1. Simple type setting 2. The Document 3. Bibliography 4. Table of contents, Index, Glossary 5. Type setting mathematics 6. Type setting Theorems 7. Cross references	30
Reference	Text Books: 1. Gratzner, George A., Math into LaTeX: an introduction to LaTeX and AMS-LaTeX, Birkhauser Boston, 1996. 2. Andr e Heck, Learning LaTeX by Doing, AMSTEL Institute, March 2005.	
Course Outcomes	On completion of the course, students should be able to CO 1: gain knowledge about basic types of LaTeX document. CO 2: understand the use of LaTeX and various templates acquired from the course to compose mathematical documents, presentation and reports. CO 3: apply profession presentation using LaTeX, by using beamer. CO4: analyze the use of tabular and array environment within LaTeX document.	

Degree &
Programme : CERTIFICATE COURSE IN LATEX

NEHRU MEMORIAL COLLEGE
(AUTONOMOUS)
PUTHANAMPATTI
Certificate Course Examinations - April, 2016
RESULT
(For candidates admitted during 2015-2016)

Subject without Internal
Max Marks Int: -
Ext: 100
Tot: 100
Passing Min Int: -
Ext: 40
Tot: 40

Course Code(s)	Title of the Course(s)	SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res
15CER01	: LATEX THEORY							
15CER02L	: LATEX LAB - I							
15CER03L	: LATEX LAB - II							
1	C15PHM047 BHUVANESWARI M	15CER01			--	98	98	Pass
		15CER02L			--	100	100	Pass
		15CER03L			--	100	100	Pass
2	C15PHM048 DURKA DEVI M	15CER01			--	99	99	Pass
		15CER02L			--	95	95	Pass
		15CER03L			--	90	90	Pass
3	C15PHM050 MONISHA A	15CER01			--	94	94	Pass
		15CER02L			--	100	100	Pass
		15CER03L			--	80	80	Pass
4	C15PHM051 RADHA P	15CER01			--	97	97	Pass
		15CER02L			--	90	90	Pass
		15CER03L			--	55	55	Pass
5	C15PHM052 REVATHI J	15CER01			--	99	99	Pass
		15CER02L			--	95	95	Pass
		15CER03L			--	95	95	Pass
6	C15PHM056 VINOOTHINI R	15CER01			--	93	93	Pass
		15CER02L			--	100	100	Pass
		15CER03L			--	80	80	Pass
7	CP14M3915 MALARVIZHI J	15CER01			--	98	98	Pass
		15CER02L			--	97	97	Pass
		15CER03L			--	97	97	Pass
8	CU13M23065 DIVYA R	15CER01			--	100	100	Pass
		15CER02L			--	100	100	Pass
		15CER03L			--	97	97	Pass
9	CU13M23067 GOWTHAMI P	15CER01			--	96	96	Pass
		15CER02L			--	100	100	Pass
		15CER03L			--	85	85	Pass
10	CU13M23068 HEMA S	15CER01			--	99	99	Pass
		15CER02L			--	95	95	Pass
		15CER03L			--	90	90	Pass
11	CU13M23069 JAISRI M	15CER01			--	76	76	Pass
		15CER02L			--	98	98	Pass
		15CER03L			--	90	90	Pass

SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res
12	CU13M23070 KALAISELVI R	15CER01	--	96	96	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	80	80	Pass
13	CU13M23074 KARISHMABEGAM	15CER01	--	87	87	Pass
		15CER02L	--	95	95	Pass
		15CER03L	--	95	95	Pass
14	CU13M23078 MALINI M	15CER01	--	95	95	Pass
		15CER02L	--	98	98	Pass
		15CER03L	--	90	90	Pass
15	CU13M23079 MANISHA D	15CER01	--	92	92	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	95	95	Pass
16	CU13M23081 NANDHINI R	15CER01	--	95	95	Pass
		15CER02L	--	97	97	Pass
		15CER03L	--	85	85	Pass
17	CU13M23085 PRAVEENA C	15CER01	--	99	99	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	100	100	Pass
18	CU13M23086 PRIYA M	15CER01	--	94	94	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	95	95	Pass
19	CU13M23087 PRIYADHARSHINI K	15CER01	--	98	98	Pass
		15CER02L	--	90	90	Pass
		15CER03L	--	75	75	Pass
20	CU13M23089 PRIYANKA P	15CER01	--	99	99	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	90	90	Pass
21	CU13M23092 RANJITHA M	15CER01	--	94	94	Pass
		15CER02L	--	95	95	Pass
		15CER03L	--	97	97	Pass
22	CU13M23093 RANJITHA R	15CER01	--	92	92	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	90	90	Pass
23	CU13M23097 SARANYA D	15CER01	--	89	89	Pass
		15CER02L	--	90	90	Pass
		15CER03L	--	97	97	Pass

SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res
24	CU13M23098 SATHYA P	15CER01	--	90	90	Pass
		15CER02L	--	90	90	Pass
		15CER03L	--	90	90	Pass
25	CU13M23100 SRIVIDHYA P	15CER01	--	89	89	Pass
		15CER02L	--	97	97	Pass
		15CER03L	--	85	85	Pass
26	CU13M23105 TAMILSELVI S	15CER01	--	80	80	Pass
		15CER02L	--	95	95	Pass
		15CER03L	--	85	85	Pass
27	CU13M23106 THENMOZHI P	15CER01	--	75	75	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	90	90	Pass
28	CU13M23108 VINODHINI S	15CER01	--	66	66	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	100	100	Pass
29	CU13M23109 GOWRISANKAR M	15CER01	--	72	72	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	85	85	Pass
30	CU13P33819 ANITHA R	15CER01	--	66	66	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	95	95	Pass
31	CU13P33828 INDHUMATHI R	15CER01	--	68	68	Pass
		15CER02L	--	95	95	Pass
		15CER03L	--	90	90	Pass
32	CU13P33829 JANANI V	15CER01	--	78	78	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	100	100	Pass
33	CU13P33837 MEGALA M	15CER01	--	74	74	Pass
		15CER02L	--	85	85	Pass
		15CER03L	--	95	95	Pass
34	CU13P33840 NIVETHA R	15CER01	--	70	70	Pass
		15CER02L	--	90	90	Pass
		15CER03L	--	80	80	Pass
35	CU13P33843 PUNITHA P	15CER01	--	68	68	Pass
		15CER02L	--	100	100	Pass
		15CER03L	--	65	65	Pass

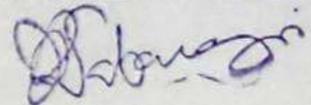
RESULT
(For candidates admitted during 2015-2016)

Passing Min Int: -
Ext: 40
Tot: 40

Course Code(s)	Title of the Course(s)	SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res
15CER01	: LATEX THEORY							
15CER02L	: LATEX LAB - I							
15CER03L	: LATEX LAB - II							
36	CU13P33851	SIVASAKTHI G	15CER01	-	78	78	Pass	
			15CER02L	-	100	100	Pass	
			15CER03L	-	90	90	Pass	
37	CU13S12625	KOKILA S	15CER01	-	78	78	Pass	
			15CER02L	-	98	98	Pass	
			15CER03L	-	90	90	Pass	
38	CU13S12629	MOHANA R	15CER01	-	80	80	Pass	
			15CER02L	-	100	100	Pass	
			15CER03L	-	95	95	Pass	
39	CU13S12649	VIMALA T	15CER01	-	78	78	Pass	
			15CER02L	-	100	100	Pass	
			15CER03L	-	80	80	Pass	
40	CU13Y44664	JEGATHISWARI T	15CER01	-	78	78	Pass	
			15CER02L	-	100	100	Pass	
			15CER03L	-	80	80	Pass	
41	CU13Y44685	SEVANTHI S	15CER01	-	41	41	Pass	
			15CER02L	-	85	85	Pass	
			15CER03L	-	55	55	Pass	
42	CU13Y44686	SIVARANJANI M	15CER01	-	43	43	Pass	
			15CER02L	-	100	100	Pass	
			15CER03L	-	85	85	Pass	
43	CU13Y44687	SUBATHRA R	15CER01	-	70	70	Pass	
			15CER02L	-	85	85	Pass	
			15CER03L	-	75	75	Pass	
44	CU13Y44697	PRASANTH C	15CER01	-	80	80	Pass	
			15CER02L	-	100	100	Pass	
			15CER03L	-	90	90	Pass	
45	CU13Y44699	SELVAKUMAR S	15CER01	-	65	65	Pass	
			15CER02L	-	95	95	Pass	
			15CER03L	-	90	90	Pass	
46	CU14M104	ANITHA T	15CER01	-	55	55	Pass	
			15CER02L	-	100	100	Pass	
			15CER03L	-	50	50	Pass	

SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res	
47	CU14M113	KALAISELVI P	15CER01	-	50	50	Pass
			15CER02L	-	100	100	Pass
			15CER03L	-	50	50	Pass
48	CU14M117	KRISHNAVENI M	15CER01	-	50	50	Pass
			15CER02L	-	100	100	Pass
			15CER03L	-	90	90	Pass
49	CU14M121	MOHANA M	15CER01	-	85	85	Pass
			15CER02L	-	100	100	Pass
			15CER03L	-	100	100	Pass
50	CU14M127	RUBIKA P	15CER01	-	75	75	Pass
			15CER02L	-	100	100	Pass
			15CER03L	-	60	60	Pass
51	CU14M136	VINODHINI U	15CER01	-	75	75	Pass
			15CER02L	-	100	100	Pass
			15CER03L	-	85	85	Pass
52	CU14M137	ILAVARASAN G	15CER01	-	80	80	Pass
			15CER02L	-	100	100	Pass
			15CER03L	-	100	100	Pass
53	CU14M139	VINOTH M	15CER01	-	87	87	Pass
			15CER02L	-	100	100	Pass
			15CER03L	-	70	70	Pass
54	CU14M141	NANDHINI N	15CER01	-	80	80	Pass
			15CER02L	-	75	75	Pass
			15CER03L	-	95	95	Pass
55	CU14Y305	DHIVYA B	15CER01	-	85	85	Pass
			15CER02L	-	95	95	Pass
			15CER03L	-	60	60	Pass
56	CU14Y310	JEEVITHA T	15CER01	-	86	86	Pass
			15CER02L	-	85	85	Pass
			15CER03L	-	90	90	Pass
57	CU14Y314	MAHALAKSMI S	15CER01	-	76	76	Pass
			15CER02L	-	98	98	Pass
			15CER03L	-	70	70	Pass
58	CU14Y317	MANIMEGALAI S	15CER01	-	79	79	Pass
			15CER02L	-	100	100	Pass
			15CER03L	-	95	95	Pass

SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res	
59	CU14Y341	PREMA P	15CER01	-	83	83	Pass
			15CER02L	-	100	100	Pass
			15CER03L	-	90	90	Pass


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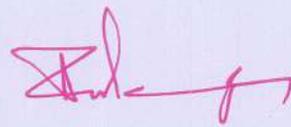
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Puthanampatti – 621 007, Tiruchirappalli District,
Tamil Nadu, INDIA.

CERTIFICATE

*This is to certify that JEEVITHA , M. (MEU15M0010)
has successfully completed the Certificate Course on
“LATEX” conducted in NOVEMBER 2016 .*


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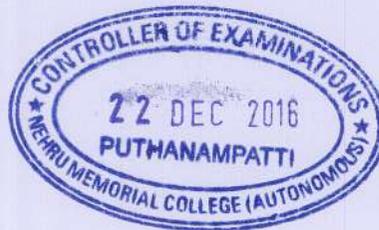
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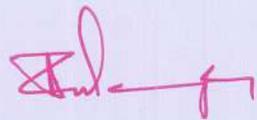
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Tamil Nadu, INDIA.**

CERTIFICATE

*This is to certify that PRIYADHARSINI, R. (MEU15M0020)
has successfully completed the Certificate Course on
“LATEX” conducted in NOVEMBER 2016.*


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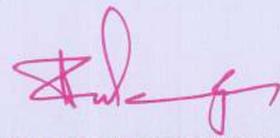
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**Puthanampatti – 621 007, Tiruchirappalli District,
Tamil Nadu, INDIA.**

CERTIFICATE

*This is to certify that RAJESHWARI, P. (MEU15M0023)
has successfully completed the Certificate Course on
“LATEX” conducted in NOVEMBER 2016.*


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Tiruchirappalli District.