

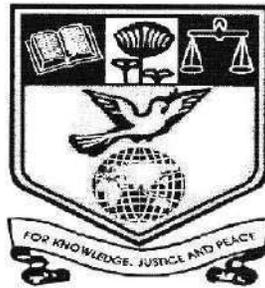
**NEHRU MEMORIAL COLLEGE (Autonomous)
(Nationally accredited with A grade by NAAC)
PUTHANAMPATTI**

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.	



Subject with Internal		Subject without Internal	
Max. Marks	Int: 25	Max. Marks	Int: --
	Ext: 75		Ext: 100
	Tot: 100		Tot: 100
Passing Min.	Int: 10	Passing Min.	Int: --
	Ext: 30		Ext: 40
	Tot: 40		Tot: 40

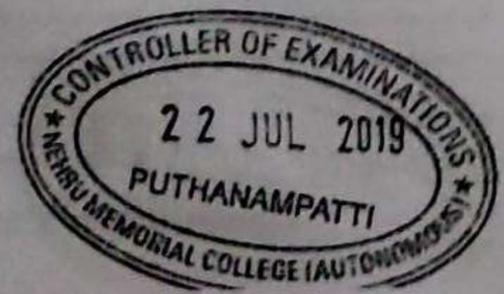
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UG - Degree Examinations - February, 2019
RESULT
(For the candidates admitted during 2018-2019)

T/L Theory		T/L Lab		Overall T/L	
Max Marks	Int: 15	Max. Marks	Int: 10	Max. Marks	Int: 25
	Ext: 45		Ext: 30		Ext: 75
	Tot: 60		Tot: 40		Tot: 100
Passing Min.	Int: 6	Passing Min.	Int: 4	Passing Min.	Int: 10
	Ext: 18		Ext: 12		Ext: 30
	Tot: 24		Tot: 16		Tot: 40

Degree : B.Sc., Programme : Mathematics(Extra Credit Course) Semester : I

Course Code(s)	Title of the Course(s)						
15EXCI	: EXC - I - LATEX						
SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res	
1	MEU18M0001	ABINAYA S	15EXCI	--	100	100	Pass
2	MEU18M0002	ANUSIYA S	15EXCI	--	70	70	Pass
3	MEU18M0003	BALAMBIGAI P	15EXCI	--	AAA	AAA	AAA
4	MEU18M0004	BALAMURUGAN S	15EXCI	--	100	100	Pass
5	MEU18M0005	BHARATHI M	15EXCI	--	90	90	Pass
6	MEU18M0006	DEEPIKA G	15EXCI	--	90	90	Pass
7	MEU18M0008	DHIVYADHARSHINI R	15EXCI	--	100	100	Pass
8	MEU18M0009	INDHUMATHI AM	15EXCI	--	100	100	Pass
9	MEU18M0010	JAYALAKSHMI P	15EXCI	--	80	80	Pass
10	MEU18M0011	KASTHURI S	15EXCI	--	80	80	Pass
11	MEU18M0012	KAVIYA P	15EXCI	--	75	75	Pass
12	MEU18M0013	KAYALVIZHI.S	15EXCI	--	80	80	Pass

SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res	
13	MEU18M0014	KEERTHANA E	15EXCI	--	100	100	Pass
14	MEU18M0015	KEERTHANA P	15EXCI	--	100	100	Pass
15	MEU18M0016	KEERTHANA S	15EXCI	--	100	100	Pass
16	MEU18M0017	KIRUTHIKA E	15EXCI	--	100	100	Pass
17	MEU18M0018	KOWSHIKA S	15EXCI	--	100	100	Pass
18	MEU18M0019	MAHESHWARI S	15EXCI	--	80	80	Pass
19	MEU18M0020	NITHYA.K	15EXCI	--	100	100	Pass
20	MEU18M0021	NIVETHA M	15EXCI	--	100	100	Pass
21	MEU18M0022	PHILOMINALJENCY.V	15EXCI	--	100	100	Pass
22	MEU18M0023	PRIYADHARSHINI R	15EXCI	--	100	100	Pass
23	MEU18M0024	RAGAPRIYA J	15EXCI	--	100	100	Pass
24	MEU18M0025	RENUKADEVI.S	15EXCI	--	90	90	Pass
25	MEU18M0026	RUTHRA J	15EXCI	--	100	100	Pass



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Nehru Memorial College (Autonomous)
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Tiruchirappalli District.

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Subject with Internal		Subject without Internal	
Max. Marks	Int: 25	Max. Marks	Int: --
	Ext: 75		Ext: 100
	Tot: 100		Tot: 100
Passing Min.	Int: 10	Passing Min.	Int: --
	Ext: 30		Ext: 40
	Tot: 40		Tot: 40

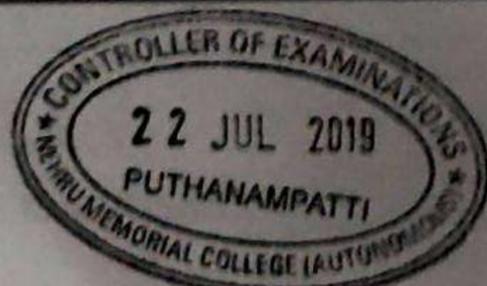
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T/L Theory		T/L Lab		Overall T/L	
Max Marks	Int: 15	Max. Marks	Int: 10	Max. Marks	Int: 25
	Ext: 45		Ext: 30		Ext: 75
	Tot: 60		Tot: 40		Tot: 100
Passing Min.	Int: 6	Passing Min.	Int: 4	Passing Min.	Int: 10
	Ext: 18		Ext: 12		Ext: 30
	Tot: 24		Tot: 16		Tot: 40

Degree : B.Sc., Programme : Mathematics(Extra Credit Course) Semester : I

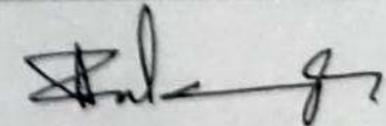
Course Code(s)	Title of the Course(s)	SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res
15EXCI	: EXC - I - LATEX							
26	MEU18M0027	SANGEETHA R	15EXCI	--	60	60	Pass	
27	MEU18M0028	SARANYA K	15EXCI	--	95	95	Pass	
28	MEU18M0029	SHALINI N	15EXCI	--	80	80	Pass	
29	MEU18M0030	SOWMIYA K	15EXCI	--	80	80	Pass	
30	MEU18M0031	SOWMIYA M	15EXCI	--	100	100	Pass	
31	MEU18M0032	SUBALAKSHMI M	15EXCI	--	100	100	Pass	
32	MEU18M0033	SUBASHINI R	15EXCI	--	90	90	Pass	
33	MEU18M0034	SUHASHINI S	15EXCI	--	AAA	AAA	AAA	
34	MEU18M0035	SURIYAPRABHA R	15EXCI	--	80	80	Pass	
35	MEU18M0036	UDHAYANILA M	15EXCI	--	80	80	Pass	
36	MEU18M0037	YUVASRI M	15EXCI	--	90	90	Pass	
37	MEU18M0039	DHINESH C	15EXCI	--	100	100	Pass	

SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res	
38	MEU18M0040	KARTHICK S	15EXCI	--	80	80	Pass
39	MEU18M0041	PRAVEENKUMAR S	15EXCI	--	80	80	Pass
40	MEU18M0043	AISHWARYA M	15EXCI	--	100	100	Pass
41	MEU18M0044	AKCHAYA DEVI M	15EXCI	--	90	90	Pass
42	MEU18M0045	AKILA P	15EXCI	--	90	90	Pass
43	MEU18M0046	AAMALA M	15EXCI	--	70	70	Pass
44	MEU18M0047	ANITHA S	15EXCI	--	AAA	AAA	AAA
45	MEU18M0048	ANUSIYA A	15EXCI	--	90	90	Pass
46	MEU18M0052	BHUVANESWARI S	15EXCI	--	90	90	Pass
47	MEU18M0054	BUVANA M	15EXCI	--	90	90	Pass
48	MEU18M0056	DHARSHINI T	15EXCI	--	60	60	Pass
49	MEU18M0059	DIVYA D	15EXCI	--	75	75	Pass
50	MEU18M0060	DURGA R	15EXCI	--	75	75	Pass



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Subject with Internal
 Max. Marks Int: 25
 Ext: 75
 Tot: 100
 Passing Min Int: 10
 Ext: 30
 Tot: 40

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

NEHRU MEMORIAL COLLEGE
 (AUTONOMOUS)
 PUTHANAMPATTI
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RESULT
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T/L Theory
 Max Marks Int: 15
 Ext: 45
 Tot: 60
 Passing Min Int: 6
 Ext: 18
 Tot: 24

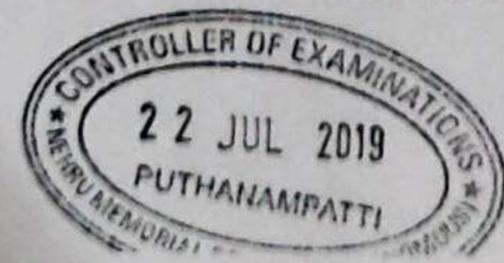
T/L Lab
 Max. Marks Int: 10
 Ext: 30
 Tot: 40
 Passing Min. Int: 4
 Ext: 12
 Tot: 16

Overall T/L
 Max. Marks Int: 25
 Ext: 75
 Tot: 100
 Passing Min. Int: 10
 Ext: 30
 Tot: 40

Degree : B.Sc., Programme : Mathematics(Extra Credit Course) Semester : I

Course Code(s)	Title of the Course(s)						
15EXCI	: EXC - I - LATEX						
SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res	
51	MEU18M0061	GAYATHRI G	15EXCI	--	75	75	Pass
52	MEU18M0062	GOKILA P	15EXCI	--	AAA	AAA	AAA
53	MEU18M0066	KASHTHURI L	15EXCI	--	75	75	Pass
54	MEU18M0067	KAVITHA E	15EXCI	--	95	95	Pass
55	MEU18M0068	KAVIYA R	15EXCI	--	90	90	Pass
56	MEU18M0069	KEERTHANA R	15EXCI	--	85	85	Pass
57	MEU18M0070	KIRUTHIKA K	15EXCI	--	95	95	Pass
58	MEU18M0071	KIRUTHIKA.K	15EXCI	--	95	95	Pass
59	MEU18M0072	KOKILA S	15EXCI	--	90	90	Pass
60	MEU18M0075	KRISHNAVENI N	15EXCI	--	85	85	Pass
61	MEU18M0076	LASHMI P	15EXCI	--	85	85	Pass
62	MEU18M0077	LAVANYA P	15EXCI	--	70	70	Pass

SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res	
63	MEU18M0078	LOGESHWARI K	15EXCI	--	85	85	Pass
64	MEU18M0079	MADHUMITHA A	15EXCI	--	100	100	Pass
65	MEU18M0082	MONISHA S	15EXCI	--	100	100	Pass
66	MEU18M0083	MONISHA T	15EXCI	--	90	90	Pass
67	MEU18M0084	NISHA R	15EXCI	--	100	100	Pass
68	MEU18M0085	NIVETHA C	15EXCI	--	95	95	Pass
69	MEU18M0086	PRAMEENA R	15EXCI	--	85	85	Pass
70	MEU18M0091	RANJANI V	15EXCI	--	65	65	Pass
71	MEU18M0092	ROGINI S	15EXCI	--	85	85	Pass
72	MEU18M0093	SABAREESWARI S	15EXCI	--	80	80	Pass
73	MEU18M0094	SABITHA S	15EXCI	--	95	95	Pass
74	MEU18M0096	SANGEETHA S	15EXCI	--	100	100	Pass
75	MEU18M0099	SHALINI S	15EXCI	--	90	90	Pass



*** - Withheld

AAA - Absent

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Max. Marks	Int: 25	Max. Marks	Int: -
	Ext: 75		Ext: 100
	Tot: 100		Tot: 100
Passing Min.	Int: 10	Passing Min.	Int: -
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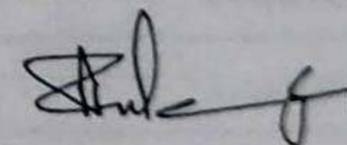
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	Tot: 60		Tot: 40		Tot: 100
Passing Min.	Int: 6	Passing Min.	Int: 4	Passing Min.	Int: 10
	Ext: 18		Ext: 12		Ext: 30
	Tot: 24		Tot: 16		Tot: 40

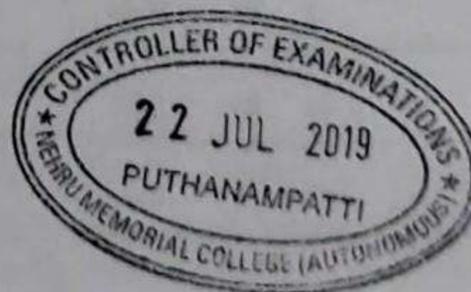
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Course Code(s)	Title of the Course(s)						
15EXCI	: EXC - I - LATEX						
SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res	
76	MEU18M0100	SHALINI S	15EXCI	--	100	100	Pass
77	MEU18M0105	SOWMIYA R	15EXCI	--	90	90	Pass
78	MEU18M0106	SUCHITRA D	15EXCI	--	100	100	Pass
79	MEU18M0108	SWETHA M	15EXCI	--	80	80	Pass
80	MEU18M0110	THARUNA S	15EXCI	--	100	100	Pass
81	MEU18M0113	VANISRI T	15EXCI	--	75	75	Pass
82	MEU18M0114	VASUGI N	15EXCI	--	100	100	Pass
83	MEU18M0116	VINOTHINI R	15EXCI	--	95	95	Pass
84	MEU18M0118	YUVASHRI K	15EXCI	--	75	75	Pass
85	MEU18M0120	ALLIDURAI A	15EXCI	--	90	90	Pass
86	MEU18M0121	ARUNKUMAR S	15EXCI	--	90	90	Pass
87	MEU18M0122	BARANIDHARAN K	15EXCI	--	75	75	Pass

SNo. Reg. No	Name of the Candidate(s)	Sub. Code	Int	Ext	Tot	Res	
88	MEU18M0126	KALAIYARASAN R	15EXCI	--	95	95	Pass
89	MEU18M0127	KESAVAN T	15EXCI	--	95	95	Pass
90	MEU18M0135	SENTHILRAJ S S	15EXCI	--	95	95	Pass
91	MEU18M0136	SURJITH K	15EXCI	--	65	65	Pass
92	MEU18M0139	VIJAY C	15EXCI	--	100	100	Pass
93	MEU18M0140	VIJAY K	15EXCI	--	65	65	Pass
94	MEU18M0142	VIJAYASANDH D	15EXCI	--	90	90	Pass



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*** - Withheld

AAA - Absent

RA - Re-appear



NEHRU MEMORIAL COLLEGE

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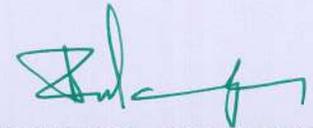


CERTIFICATE

*This is to certify that ABINAYA , S. (MEU18M0001)
has successfully completed the Certificate Course on
“LATEX” conducted in FEBRUARY 2019 .*


PRINCIPAL




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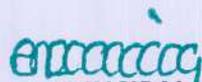
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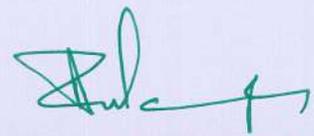


CERTIFICATE

*This is to certify that BHARATHI, M. (MEU18M0005)
has successfully completed the Certificate Course on
“LATEX” conducted in FEBRUARY 2019.*


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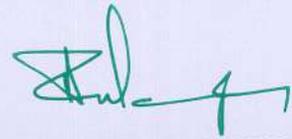


CERTIFICATE

*This is to certify that KAVIYA , P. (MEU18M0012)
has successfully completed the Certificate Course on
“LATEX” conducted in FEBRUARY 2019.*


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Tamil Nadu, INDIA.



CERTIFICATE

*This is to certify that NISHA , R. (MEU18M0084)
has successfully completed the Certificate Course on
“LATEX” conducted in FEBRUARY 2019.*


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CERTIFICATE

*This is to certify that KESAVAN, T. (MEU18M0127)
has successfully completed the Certificate Course on
“LATEX” conducted in FEBRUARY 2019.*


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