

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

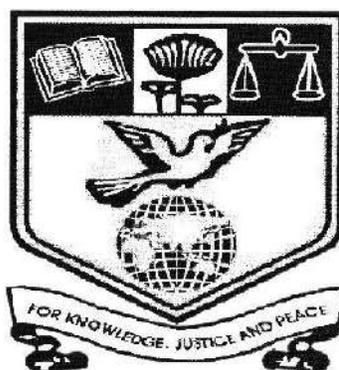
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**VALUE ADDED COURSES**

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

**(CBCS)**

**(For the candidates admitted from 2019-2020 onwards)**



**NEHRU MEMORIAL COLLEGE (AUTONOMOUS), PUTHANMPATTI**

**EXTRA CREDIT COURSES OFFERED BY THE DEPARTMENT (OPTIONAL)**

<b>PROGRAMME</b>	<b>NO. OF COURSES</b>	<b>NO. INST. HRS.</b>	<b>MAX. CREDITS</b>	<b>REMARKS</b>
<b>UG</b>	<b>6</b>	<b>30 Hrs / Course</b>	<b>12</b>	<b>I - VI SEMESTER</b>

**EXTRA CREDIT COURSES OFFERED BY THE DEPARTMENT(UG)**

<b>SEM</b>	<b>CODE</b>	<b>TITLE OF COURSE</b>	<b>HRS / WEEK</b>	<b>CR</b>	<b>TOTAL MARKS</b>
<b>I-VI</b>	19EXC1L	EXC I –GIMP LAB	2	2	100
	19EXC2L	EXC II- INKSCAPE LAB	2	2	100
	19EXC3	EXCIII-MATHEMATICS FOR COMPETITATIVE EXAM	2	2	100
	19EXC4L	EXC IV - LaTeX LAB	2	2	100
	19EXC5T/L	EXC V - BASIC ACCOUNTANCY	2	2	100
	19EXC6	EXC VI - GROUP PROJECT (USING C, C++)	2	2	100

<b>Course Code &amp; Title</b>	<b>19EXC1L EXC I – GIMP Lab (Value Added Course)</b>		
<b>B.Sc. Mathematics</b>	<b>Semester : I-VI</b>	<b>Credits : 2</b>	<b>Hrs/ Wk : 2</b>
<b>Cognitive Level</b>	<b>K – 1 – Acquire</b> <b>K – 2 – Understanding</b> <b>K – 3 – Apply</b> <b>K – 4 – Evaluate</b> <b>K – 5 – Analyze</b>		
<b>Course Objectives</b>	<b>The Course aims to</b> <ul style="list-style-type: none"> <li>• learn and practice the image editing software GIMP.</li> </ul>		

<b>Content</b>	
<b>Programme List</b>	
<ol style="list-style-type: none"> <li>1. Bit map and Vectors - Pixels and Resolution - RGB and CMYK color models - Color Management-Working environment of Photoshop - Tool Box - Palettes - Opening and Saving les – TIFF format - JPEG format.</li> <li>2. Image manipulation Techniques - Rotation resizing – resampling - cropping and images color management - painting tools.</li> <li>3. Editing Tools - Selection Tools - Layers-Layer Properties.</li> <li>4. Working with type paths - channels and masks - color correction techniques- letters.</li> <li>5. Web and multimedia images - work with image ready -Animation and rollover- Slicing.</li> </ol>	
<b>Reference</b>	<b>Text Book:</b> Karin Kylander and Ol of S. Kylander, GIMP: The Official Handbook, The Coriolis Group, 1999. <b>Reference Book:</b> Carl Wenczek, Digital Images: GIMP – an introduction, Oxford University, April 2015.
<b>Course Outcomes</b>	On completion of the course, students should be able to  <b>CO 1:</b> gain the knowledge about the basic elements of most photo editing programmes including tools, layers and saving concepts. <b>CO 2:</b> understand the use of the selection tools in GIMP. <b>CO 3:</b> apply animated images using an improved layers method. <b>CO 4:</b> analyze the use of transformation tools in GIMP.



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Puthanampatti-621007, Tiruchirappalli- District

## STUDENTS ATTENDANCE SHEET

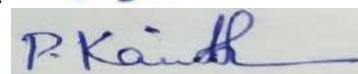
Date: 31.05.2021

Course Code: 19EXC1L

Title of the Course: GIMP LAB

S.No.	Name	Register Number	Present/Absent (AAA)
1.	BANUMATHI B	U19M0002	P
2.	DHANAPRIYA T	U19M0004	P
3.	ISHWARYA S	U19M0007	P
4.	KOWSALYA R	U19M0009	P
5.	LEELAMBIGAI S	U19M0010	P
6.	NANDHINI P	U19M0011	P
7.	PAVITHRA T	U19M0012	P
8.	RAVEENA T	U19M0013	P
9.	SATHYA B	U19M0014	P
10.	SELLAMMAL D	U19M0015	P
11.	SHABARISRI M	U19M0017	P
12.	SHALINI S	U19M0018	P
13.	SIVADHARANI S	U19M0021	P
14.	SNEHA.S	U19M0022	P
15.	SNEKA M	U19M0023	P
16.	TAMILALAGI E	U19M0024	P
17.	VASUKI N	U19M0026	P
18.	VINISHA S	U19M0027	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 NANDHINI, P. (VAC19M0011)  
has successfully completed the Certificate Course on  
“GIMP LAB” conducted in December 2020 / May 2021.*

  
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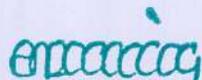
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Tamil Nadu, INDIA.



## CERTIFICATE

*This is to certify that DHANAPRIYA , T. (VAC19M0004)  
has successfully completed the Certificate Course on  
“GIMP LAB” conducted in December 2020 / May 2021.*

  
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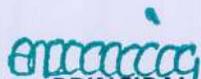
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## CERTIFICATE

*This is to certify that SATHYA , B . (VAC19M0014)  
has successfully completed the Certificate Course on  
“GIMP LAB” conducted in December 2020 / May 2021.*

  
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## CERTIFICATE

*This is to certify that SIVADHARANI, S. (VAC19M0021)  
has successfully completed the Certificate Course on  
“GIMP LAB” conducted in December 2020 / May 2021.*

  
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## CERTIFICATE

*This is to certify that TAMILALAGI, E. (VAC19M0024)  
has successfully completed the Certificate Course on  
“GIMP LAB” conducted in December 2020 / May 2021.*

  
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