

## 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.

### ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOME

#### COURSE OUTCOME-PROGRAMME OUTCOME MAPPING

#### FOR DEPARTMENT OF COMPUTER SCIENCE

#### PROGRAM OUTCOME

<b>PO1</b>	Work as DTP Operator in small-scale industries.
<b>PO2</b>	Understanding the concept of logical thinking and programming the real-world problems.
<b>PO3</b>	Gather the sufficient information by Internet surfing.
<b>PO4</b>	Ability to analyze, identify, formulate and develop computer applications using modern computing tools and techniques.
<b>PO5</b>	Design and deliver an effective presentation and develop the various IT skills related electronic databases.
<b>PO6</b>	Drives scientific and societal advancement through technological innovation and entrepreneurship

**COURSE-PROGRAMMING IN PHP LAB**  
**COURSEOUTCOME**

<b>C01</b>	Develop a PHP program to find the factorial number and conditional statement.
<b>C02</b>	Develop a PHP program to find the maximum value in a given multidimensional array and GCD of two numbers using user-defined functions.
<b>C03</b>	Develop a PHP program web page to generate multiplication table for a given number and compute one's age on a given date
<b>C04</b>	Develop a PHP program to download a file from the server and to store the current date and time in a COOKIE and display the 'Last Visited' date and time on the web page
<b>C05</b>	Develop a PHP program to store page views count in SESSION, to increment the count on each refresh and to show the count on web page

PO→C O↓	PO1	PO2	PO3	PO4	P05
CO1	2	2	2	3	0
CO2	2	0	2	2	0
CO3	2	1	3	2	0
CO4	2	0	2	2	0
CO5	2	0	2	1	0
<b>Average</b>	<b>2</b>	<b>0.6</b>	<b>2.2</b>	<b>2</b>	

**Internal Examination Mark Distribution for each Course outcome**

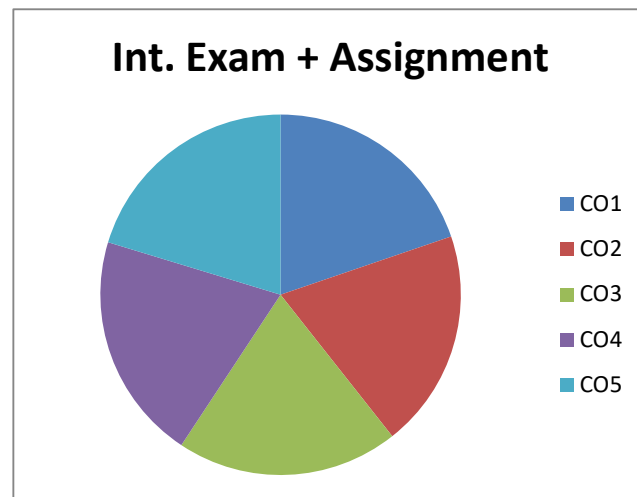
CO	Internal	Assignment
CO1	4	1
CO2	4	1
CO3	4	1
CO4	4	1
CO5	4	1
<b>Total</b>	<b>20</b>	<b>4</b>

STUDENTNAME	CO1	CO2	CO3	CO4	CO5	TOTAL	AVERAGE
ABARNA.R	5	5	5	5	5	25	100
ABINAYA.D	5	5	5	5	5	25	100
ABINAYA.N	5	5	5	5	5	25	100
ABINAYA.T	5	5	5	5	5	25	100
ANITHA.A	5	5	5	5	5	25	100
ANIZ.M	5	5	5	5	5	25	100
ANUSUYA.P	5	5	5	5	5	25	100
BHAVANI.P	5	5	5	5	5	25	100
CHITHIRAI	5	5	5	5	5	25	100
DEEPA.B	5	5	5	4	5	24	96
ELAKKIYA.D	5	5	5	5	5	25	100
GAYATHRI.M	5	5	5	5	5	25	100
HAJEERABEGAM.S	5	5	5	5	5	25	100
HALITHA.Z	5	5	5	5	5	25	100
IDHAYASUDHA.G	5	4	4	5	4	22	88
ISWARYA.G	4	5	5	5	5	24	96
JAYAJOTHI.V	5	5	5	5	5	25	100
JAYAPRIYA.T	5	5	4	5	5	24	96
JAYASRI.S	5	5	5	5	5	25	100
KALAIVANI.K	5	5	5	5	5	25	100
KANIMOZHI.S	5	4	4	4	5	22	88
KARTHIKA.K	5	5	5	5	5	25	100
KARTHIKA.S	5	5	5	5	5	25	100
KOWSALYA.A	5	5	5	5	5	25	100
KURALOVIYAM.G	3	4	4	5	4	20	80
MADHUBALA.B	4	4	3	5	4	20	80
MADHUBALA.S	5	5	5	5	5	25	100
MOHANAPRIYA.M	5	5	5	5	5	25	100
MUTHUPRIYA.P	4	5	5	5	4	23	92
PAVITHRA.S	5	3	4	4	5	21	84
PRAVEENA.P	5	5	5	5	5	25	100
RAJALAKSHMI.C	4	4	4	5	5	22	88
SABITHA.S	4	5	5	5	5	24	96
SAHANABEGAM.R	4	5	5	5	5	24	96
SANDHIYA.M	5	5	5	5	5	25	100

SANGEETHA.V	4	4	5	5	5	23	92
SANTHIYA.S	5	5	5	5	5	25	100
SATHIYA.S	5	5	5	5	5	25	100
SINEHA.M	4	5	5	5	5	24	96
SIVALAKSHMI.S	5	5	5	5	5	25	100
SNEGA.S	4	4	4	4	4	20	80
SNEKA.M	5	5	5	5	5	25	100
SUGANYA.R	5	5	5	5	5	25	100
SUNDARI.S	5	5	5	5	5	25	100
SWATHI.P	5	4	5	5	5	24	96
VITHYA.R	5	5	5	5	5	25	100
Average	4.76	4.78	4.80	4.91	4.89		

Expected Attainment in each CO-85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.76	75	79.76	93.8
CO2	4.72	75	79.72	93.8
CO3	4.80	75	79.8	93.9
CO4	4.91	75	79.91	94.0
CO5	4.89	75	79.89	94.0



## COURSE-COMPUTER GRAPHICS

### COURSE OUTCOME

<b>CO6</b>	To Overview of computer graphics.
<b>CO7</b>	Explain the applications, areas, and graphic pipeline, display and hardcopy technologies.
<b>CO8</b>	Apply and compare the algorithms for drawing 2D images also explain aliasing, anti-aliasing and half toning techniques.
<b>CO9</b>	Discuss OpenGL application programming Interface and apply it for 2D & 3D computer graphics.
<b>CO10</b>	Analyze and apply clipping algorithms and transformation on 2D images.

PO→ CO↓	PO1	PO2	PO3	PO4	P05
<b>CO6</b>	2	2	2	3	0
<b>CO7</b>	2	0	2	2	0
<b>CO8</b>	2	1	3	2	0
<b>CO9</b>	2	0	2	2	0
<b>CO10</b>	2	0	2	1	0
Average	2	0.6	2.2	2	

### Internal Examination Mark Distribution for each Course outcome

CO	Internal	Assignment
<b>CO6</b>	4	1
<b>CO7</b>	4	1
<b>CO8</b>	4	1
<b>CO9</b>	4	1
<b>CO10</b>	4	1
<b>Total</b>	20	5

STUDENTNAME	CO6	CO7	CO8	CO9	CO10	TOTAL	AVERAGE
ABARNA.R	5	5	5	5	5	25	100
ABINAYA.D	5	5	5	5	5	25	100
ABINAYA.N	5	5	5	5	5	25	100
ABINAYA.T	5	5	5	5	5	25	100
ANITHA.A	5	5	5	5	5	25	100
ANIZ.M	5	5	5	5	5	25	100
ANUSUYA.P	5	5	5	5	5	25	100
BHAVANI.P	5	5	5	5	5	25	100
LAKSHMI.B	5	5	5	5	5	25	100
DEEPA.B	5	5	5	4	5	24	96
ELAKKIYA.D	5	5	5	5	5	25	100
GAYATHRI.M	5	5	5	5	5	25	100
HAJEERABEGAM.S	5	5	5	5	5	25	100
HALITHA.Z	5	5	5	5	5	25	100
IDHAYASUDHA.G	5	4	4	5	4	22	88
ISWARYA.G	4	5	5	5	5	24	96
JAYAJOTHI.V	5	5	5	5	5	25	100
JAYAPRIYA.T	5	5	4	5	5	24	96
JAYASRI.S	5	5	5	5	5	25	100
KALAIVANI.K	5	5	5	5	5	25	100
KANIMOZHI.S	5	4	4	4	5	22	88
KARTHIKA.K	5	5	5	5	5	25	100
KARTHIKA.S	5	5	5	5	5	25	100
KOWSALYA.A	5	5	5	5	5	25	100
KURALOVIYAM.G	3	4	4	5	4	20	80
MADHUBALA.B	4	4	3	5	4	20	80
MADHUBALA.S	5	5	5	5	5	25	100
MOHANAPRIYA.M	5	5	5	5	5	25	100
MUTHUPRIYA.P	4	5	5	5	5	24	96
PAVITHRA.S	5	5	5	5	5	25	100
PRAVEENA.P	4	5	5	5	5	24	96
RAJALAKSHMI.C	5	5	5	5	5	25	100
SABITHA.S	5	5	5	5	5	25	100
SAHANABEGAM.R	5	4	4	4	5	22	88

SANDHIYA.M	4	5	4	3	4	20	80
SANGEETHA.V	4	5	5	5	5	24	96
SANTHIYA.S	5	5	5	5	5	25	100
SATHIYA.S	4	5	5	5	5	24	96
SINEHA.M	4	5	5	5	4	23	92
SIVALAKSHMI.S	5	5	5	5	5	25	100
SNEGA.S	5	5	5	5	5	25	100
SNEKA.M	5	5	5	5	5	25	100
SUGANYA.R	4	4	4	4	5	21	84
SUNDARIS	4	5	4	3	4	20	80
SWATHI.P	4	4	4	5	5	22	88
VITHYA.R	4	5	4	4	4	21	84
<b>Average</b>	<b>4.70</b>	<b>4.85</b>	<b>4.82</b>	<b>4.80</b>	<b>4.85</b>		



Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO6	4.7	75	79.7	93.8
CO7	4.85	75	79.85	93.9
CO8	4.82	75	79.82	93.9
CO9	4.8	75	79.8	93.9
CO10	4.85	75	79.85	93.9

