



**AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN**

**(Nationally Accredited with 'A' Grade by NAAC)**

**An ISO 9001:2015 Certified Institution**

**Affiliated to Bharathidasan University, Tiruchirappalli,  
Regunathapuram PO., Karambakudi TK., Pudukkottai (DT) – 622302.**

**ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES**

**COURSE OUTCOMES-PROGRAMME OUTCOMES MAPPING**

**FOR DEPARTMENT OF COMPUTER SCIENCE**

**COURSE-OPERATING SYSTEM**

**COURSE OUTCOMES**

<b>CO6</b>	<b>Describe the various process management concepts including scheduling, synchronization, and deadlocks.</b>
<b>CO7</b>	<b>Identify the detailed knowledge about concepts of memory management including virtual memory.</b>
<b>CO8</b>	<b>Classify how the files are allocated, shared and managed.</b>
<b>CO9</b>	<b>Describe the basic knowledge about operating systems and its underlying functions.</b>
<b>CO10</b>	<b>Classify the characteristics of process control, memory management scheduling, I/O and files.</b>

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 outcomes**

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

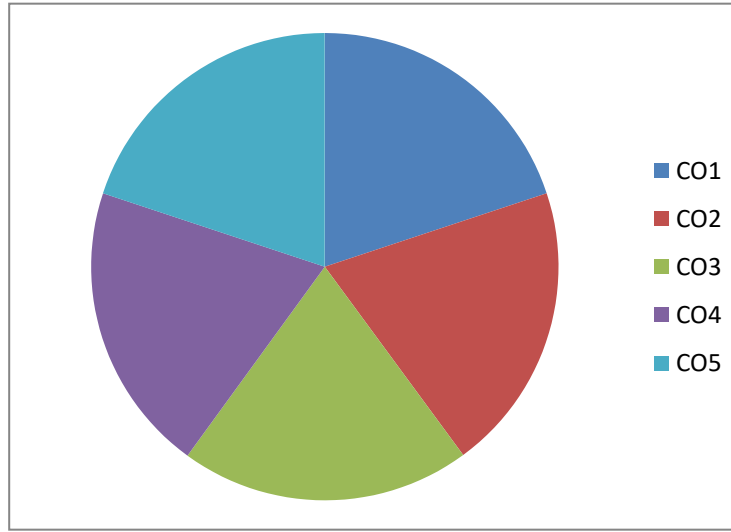
<b>STUDENT NAME</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>TOTAL</b>	<b>AVERAGE</b>
ABINAYAN	5	5	5	5	5	25	100
ABIYA MARY R	4	5	5	5	5	24	96
AKALYA T	5	5	5	5	5	25	100
ANANTHAJOTHI R	4	5	5	5	5	24	96
AROCKIA MARY J	5	4	4	4	4	21	84
ARULSELSIYA A	5	4	4	4	4	21	84
AYISA SITHIKA M	5	5	5	5	5	25	100
BAVITHRA R	5	4	4	4	4	21	84
BHAVANI P	5	5	5	5	5	25	100
CHARUBALA R	5	4	4	4	4	21	84
DURGADEVI M	5	5	5	5	5	25	100
DURGASRI R	4	4	4	4	4	20	80
HARINIKA V	4	5	5	5	5	24	96
JANANI M	5	5	5	5	5	25	100
JAYANTHI G	5	4	4	4	4	21	84
JENIFER R	5	5	5	5	5	25	100
JENITTA A	4	5	5	5	5	24	96
KALPANA R	5	5	5	5	5	25	100
KEERTHIKA S	4	5	5	5	5	24	96
MADHUBALA R	5	5	5	5	5	25	100
MERLIN JOICY A	5	5	5	5	4	24	96
MONISHA J	5	5	5	5	4	24	96
MUTHULAKSHMI M	5	5	5	4	5	24	96
NIVETHA M	5	4	4	5	4	22	88
NIVETHA M	5	4	4	5	5	23	92
PARIMALESWARI R	5	5	5	5	4	24	96
PAVITHRA P	4	5	4	5	5	23	92
POORNIYAMMAL R	4	5	5	5	4	23	92

PRAMILA K	5	5	4	5	5	24	96
PRIYADHARSHINI M	4	4	5	4	5	22	92
PRIYANKA M	5	4	4	4	4	21	84
SHANMUGAPRIYA G	4	5	5	5	5	24	96
SHRUTHISHA M	5	4	5	4	5	23	92
SINTHANA K	4	5	4	5	5	23	92
SONIYA D S	5	4	5	4	5	23	92
TAMILOVIYA V	5	5	5	5	5	25	100
THIRISHA M	4	4	5	4	5	22	88
UDHAYA N	5	5	5	5	5	25	100
VITHYA V	5	5	5	5	5	25	100
YOGAPRIYA S	5	4	5	4	4	22	92
YOGESHWARI V	5	5	5	5	4	24	96
<b>AVERAGE</b>	<b>4.67</b>	<b>4.69</b>	<b>4.71</b>	<b>4.71</b>	<b>4.67</b>		

**EXPECT ATTAINMENT IN EACH CO-85%**

<b>CO</b>	<b>INTERNAL EXAM+ASSIGNMENT</b>	<b>END SEM</b>	<b>TOTAL</b>	<b>PERCENTAGE</b>
CO1	4.67	75	79.67	94.1
CO2	4.69	75	79.69	94.1
CO3	4.71	75	79.71	94.0
CO4	4.71	75	79.71	94.0
CO5	4.67	75	79.67	94.0

## INTERNAL EXAM + ASSIGNMENT



## ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES

### COURSE OUTCOMES-PROGRAMME OUTCOMES MAPPING

#### FOR DEPARTMENT OF COMPUTER SCIENCE

<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 identifies, 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**

### **COURSE OUTCOMES**

<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

<b>PO→C O↓</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P05</b>
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 outcomes**

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

<b>STUDENT NAME</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>TOTAL</b>	<b>AVERAGE</b>
ABINAYA N	5	5	5	5	5	25	100
ABIYA MARY R	4	5	5	5	5	24	96
AKALYA T	5	5	4	5	4	23	92
ANANTHAJOTHI R	4	5	4	5	5	23	92
AROCKIA MARY J	5	4	5	4	5	23	92
ARULSELSIYA A	5	5	4	5	5	24	96
AYISA SITHIKA M	5	5	5	5	5	25	100
BAVITHRA R	5	4	5	4	4	22	88
BHAVANI P	5	5	5	5	5	25	100
CHARUBALA R	5	4	5	5	4	23	92
DURGADEVI M	5	5	5	5	5	25	100

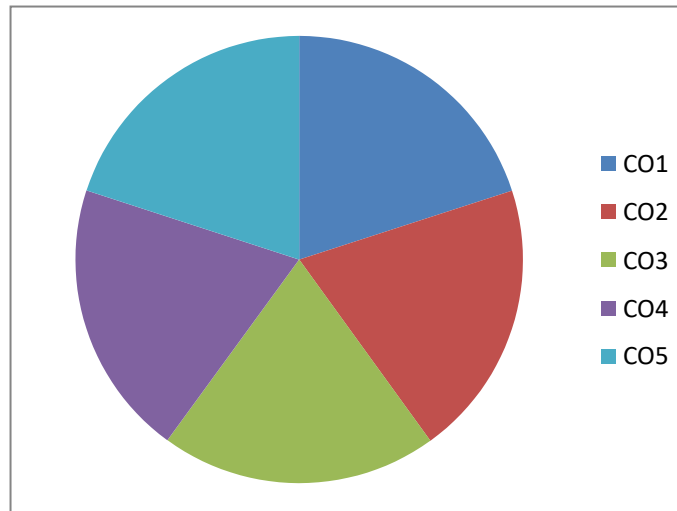


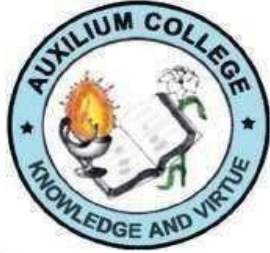
DURGASRI R	4	5	4	5	5	23	92
HARINIKA V	4	5	5	5	5	24	96
JANANI M	5	5	5	5	5	25	100
JAYANTHI G	5	5	5	4	4	23	96
JENIFER R	5	5	5	5	5	25	100
JENITTA A	4	5	5	5	5	24	96
KALPANA R	5	5	5	5	5	25	100
KEERTHIKA S	4	5	5	5	5	24	96
MADHUBALA R	5	5	5	5	5	25	100
MERLIN JOICY A	5	5	5	5	4	24	96
MONISHA J	5	5	5	5	4	24	96
MUTHULAKSHMI M	5	5	5	4	5	24	96
NIVETHA M	5	4	4	5	4	22	88
NIVETHA M	5	4	4	5	5	23	92
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PAVITHRA P	4	5	4	5	5	23	92
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PRAMILA K	5	5	4	5	5	24	96
PRIYADHARSHINI M	4	4	5	4	5	22	88
PRIYANKA M	5	4	4	5	5	23	96
SHANMUGAPRIYA G	4	5	5	5	5	24	96
SHRUTHISHA M	5	4	5	4	5	23	92
SINTHANA K	4	5	4	5	5	23	92
SONIYA D S	5	4	5	5	5	24	96
TAMILOVIYA V	5	5	5	5	5	25	100
THIRISHA M	4	4	5	4	5	22	88
UDHAYA N	5	5	5	5	5	25	100
VITHYA V	5	5	5	5	5	25	100
YOGAPRIYA S	5	4	5	5	4	23	92
YOGESHWARI V	5	5	5	5	5	25	100
<b>AVERAGE</b>	<b>4.7</b>	<b>4.73</b>	<b>4.75</b>	<b>4.83</b>	<b>4.75</b>		

**EXPECT ATTAINMENT IN EACH C0-85%**

<b>CO</b>	<b>INTERNAL EXAM+ASSIGNMENT</b>	<b>END SEM</b>	<b>TOTAL</b>	<b>PERCENTAGE</b>
CO1	4.7	75	79.7	94.1
CO2	4.73	75	79.73	94.1
CO3	4.75	75	79.75	94.0
CO4	4.83	75	79.83	93.9
CO5	4.75	75	79.75	94.0

**INTERNAL EXAM + ASSIGNMENT**





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## **ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES**

### **COURSE OUTCOMES-PROGRAMME OUTCOMES MAPPING**

#### **DEPARTMENT OF COMPUTER APPLICATIONS**

#### **COURSE-COMPUTER NETWORKS**

#### **COURSE OUTCOMES**

<b>CO6</b>	Identify the different types of network topologies and protocols and to explore different types of network devices and their functions within a network.
<b>CO7</b>	Classify general skills for subnetting and routing mechanisms.
<b>CO8</b>	Describe the basic protocols of computer networks, design and implementation.
<b>CO9</b>	Write down the fundamental concepts of computer networking.
<b>CO10</b>	Describe the basic taxonomy and terminology of the computer networking area..
<b>CO11</b>	Identify the expertise in some specific areas of networking such as switching, security and to have knowledge about various network protocols

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 outcomes**

<b>CO</b>	<b>Internal</b>	<b>Assignment</b>
<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

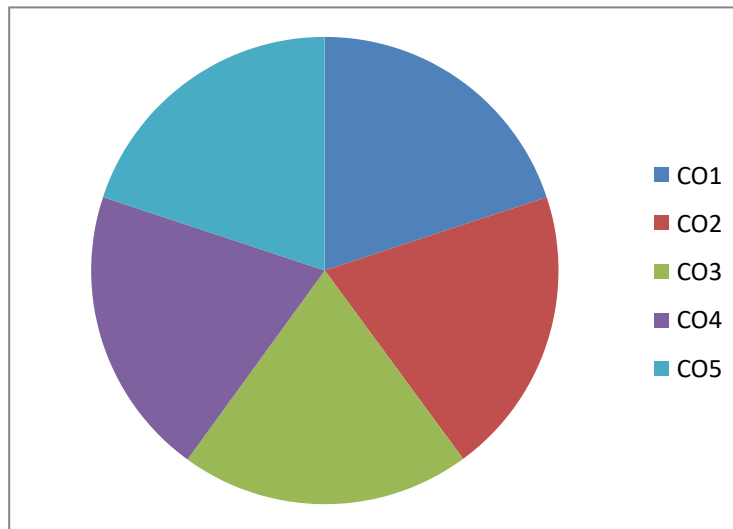
<b>STUDENT NAME</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>TOTAL</b>	<b>AVERAGE</b>
ABARNA N	5	5	5	5	5	25	100
ABINAYA A	4	5	5	5	5	24	96
ASAIPRIYA C	5	5	5	5	5	25	100
AVANTHIKASRI S	4	5	5	5	5	24	96
BABITHA S	5	4	4	4	4	21	84
DEEPA K	5	4	4	4	4	21	84
INDHUJA R	5	5	5	5	5	25	100
JABARNA BANU A	5	4	4	4	4	21	84
KAMILA SREEN S	5	5	5	5	5	25	100
KAVITHA C	5	4	4	4	4	21	84
KAYALVIZHI T	5	5	5	5	5	25	100
KUMARASELVI V	4	4	4	4	4	20	80
LAVANYA P	4	5	5	5	5	24	96
MADHAVI A	5	5	5	5	5	25	100
MAHAGODEESHWARI M	5	4	4	4	4	21	84
MAHALAKSHMI B	5	5	5	5	5	25	100
MALATHIKA K	4	5	5	5	5	24	96
NANTHINI S	5	5	5	5	5	25	100
NIVETHA M	4	5	5	5	5	24	96
PAPPISRI P	5	5	5	5	5	25	100
PARKAVI K	5	5	5	5	4	24	96
PATHMAVATHY S	5	5	5	5	4	24	96
PAVITHRA M	5	5	5	4	5	24	96
PRAGATHI K	5	4	4	5	4	22	88
PRAVEENA S	5	4	4	5	5	23	92
SABITHA C	5	5	5	5	4	24	96
SANDHIYAR	4	5	4	5	5	23	92
SANDHIYAS	4	5	5	5	4	23	92

SANGEETHA R	5	5	4	5	5	24	96
SANTHIYAT	4	4	5	4	5	22	92
SOBIYA C	5	4	4	4	4	21	84
SRIVARSHINI C	4	5	5	5	5	24	96
SUDHARSINI K	5	4	5	4	5	23	92
SUNDARI A	4	5	4	5	5	23	92
SURUTHI R	5	4	5	4	5	23	92
THENMOZHI S	5	5	5	5	5	25	100
THIVYA K G	4	4	5	4	5	22	88
VIJAYADHARSHINI V	5	5	5	5	5	25	100
VINOTHINI A	5	5	5	5	5	25	100
YAZHINI A	5	4	5	4	4	22	92
<b>AVERAGE</b>	<b>4.67</b>	<b>4.69</b>	<b>4.71</b>	<b>4.71</b>	<b>4.67</b>		

**EXPECT ATTAINMENT IN EACH C0-85%**

<b>CO</b>	<b>INTERNAL EXAM+ASSIGNMENT</b>	<b>END SEM</b>	<b>TOTAL</b>	<b>PERCENTAGE</b>
CO1	4.67	75	79.67	94.1
CO2	4.69	75	79.69	94.1
CO3	4.71	75	79.71	94.0
CO4	4.71	75	79.71	94.0
CO5	4.67	75	79.67	94.0

**INTERNAL EXAM + ASSIGNMENT**





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### ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES

#### COURSE OUTCOMES-PROGRAMME OUTCOMES MAPPING

#### DEPARTMENT OF COMPUTER APPLICATIONS

<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 identifies, 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**

### **COURSE OUTCOMES**

<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

<b>PO→C O↓</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P05</b>
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 Courseoutcomes**

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

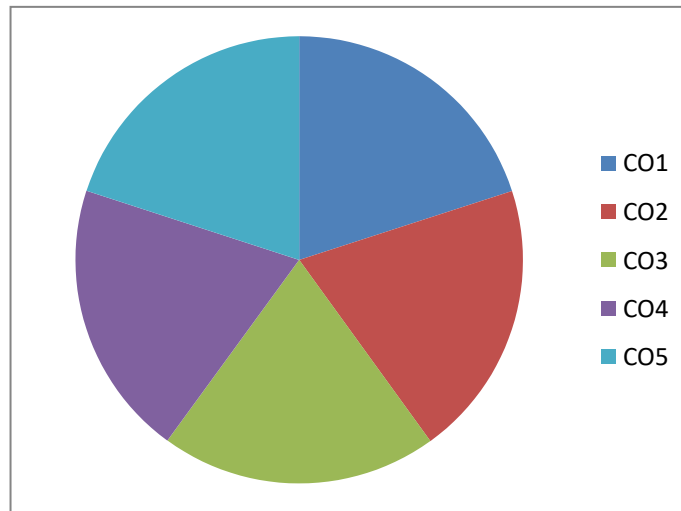
<b>STUDENT NAME</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>TOTAL</b>	<b>AVERAGE</b>
ABARNA N	5	5	5	5	5	25	100
ABINAYA A	4	5	5	5	5	24	96
ASAIPRIYA C	5	5	4	5	4	23	92
AVANTHIKASRI S	4	5	4	5	5	23	92
BABITHA S	5	4	5	4	5	23	92
DEEPA K	5	5	4	5	5	24	96
INDHUJA R	5	5	5	5	5	25	100
JABARNA BANU A	5	4	5	4	4	22	88
KAMILA SREEN S	5	5	5	5	5	25	100
KAVITHA C	5	4	5	5	4	23	92
KAYALVIZHI T	5	5	5	5	5	25	100
KUMARASELVI V	4	5	4	5	5	23	92
LAVANYA P	4	5	5	5	5	24	96
MADHAVI A	5	5	5	5	5	25	100
MAHAGODEESHWARI M	5	5	5	4	4	23	96
MAHALAKSHMI B	5	5	5	5	5	25	100
MALATHIKA K	4	5	5	5	5	24	96
NANTHINI S	5	5	5	5	5	25	100
NIVETHA M	4	5	5	5	5	24	96
PAPPISRI P	5	5	5	5	5	25	100
PARKAVI K	5	5	5	5	4	24	96
PATHMAVATHY S	5	5	5	5	4	24	96
PAVITHRA M	5	5	5	4	5	24	96
PRAGATHI K	5	4	4	5	4	22	88
PRAVEENA S	5	4	4	5	5	23	92
SABITHA C	5	5	5	5	4	24	96
SANDHIYA R	4	5	4	5	5	23	92
SANDHIYA S	4	5	5	5	4	23	92
SANGEETHA R	5	5	4	5	5	24	96
SANTHIYA T	4	4	5	4	5	22	88
SOBIYA C	5	4	4	5	5	23	96

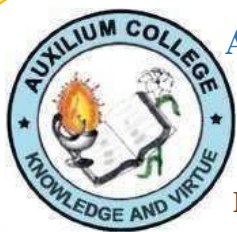
SRIVARSHINI C	4	5	5	5	5	24	96
SUDHARSINI K	5	4	5	4	5	23	92
SUNDARI A	4	5	4	5	5	23	92
SURUTHI R	5	4	5	5	5	24	96
THENMOZHI S	5	5	5	5	5	25	100
THIVYA K G	4	4	5	4	5	22	88
VIJAYADHARSHINI V	5	5	5	5	5	25	100
VINOTHINI A	5	5	5	5	5	25	100
YAZHINI A	5	4	5	5	4	23	92
<b>AVERAGE</b>	<b>4.7</b>	<b>4.73</b>	<b>4.75</b>	<b>4.83</b>	<b>4.75</b>		

**EXPECT ATTAINMENT IN EACH CO-85%**

<b>CO</b>	<b>INTERNAL EXAM+ASSIGNMENT</b>	<b>END SEM</b>	<b>TOTAL</b>	<b>PERCENTAGE</b>
CO1	4.7	75	79.7	94.1
CO2	4.73	75	79.73	94.1
CO3	4.75	75	79.75	94.0
CO4	4.83	75	79.83	93.9
CO5	4.75	75	79.75	94.0

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### ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES

#### COURSE OUTCOMES – PROGRAMME OUTCOMES MAPPING

##### FOR DEPARTMENT OF MATHEMATICS

##### PROGRAM OUTCOMES

PO1	Create a hypothesis and appreciate how it relates to broader theories.
PO2	Solve complex problems by critical understanding, analysis, and synthesis.
PO3	Develop proficiency in the analysis of complex physical problems and the use of Mathematical or other appropriate techniques to solve them
PO4	Provide a systematic understanding of the concepts and theories of Mathematics and their application in the real world – to an advanced level, and enhance career prospects in a huge array of fields.
PO5	Recognize the need to engage in lifelong learning through continuing education and research

## **COURSE - TOPOLOGY**

### **COURSE OUTCOMES**

<b>C01</b>	Define Topological Spaces, Product Topology, Metric Topology, and Quotient Space.
<b>C02</b>	Discuss the Continuous Functions, Connected Space, Compact Space, Complete Metric Space, and related theorems on Baire Space.
<b>C03</b>	Describe Closed sets, limit points, components, and path components.
<b>C04</b>	Prove Urysohn's Lemma, Urysohn's Metrization theorem, Nagata-Smirnov Metrization theorem, Ascoli's theorem.
<b>C05</b>	Understand the separation axiom, a space-filling curve.

<b>CO \ PO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>
<b>CO1</b>	2	2	2	3	0
<b>CO2</b>	2	0	2	2	0
<b>CO3</b>	2	1	3	2	0
<b>CO4</b>	2	0	2	2	0
<b>CO5</b>	2	0	2	1	0
<b>Average</b>	2	0.6	2.2	2	0

Internal Examination Mark Distributions for each Course outcomes

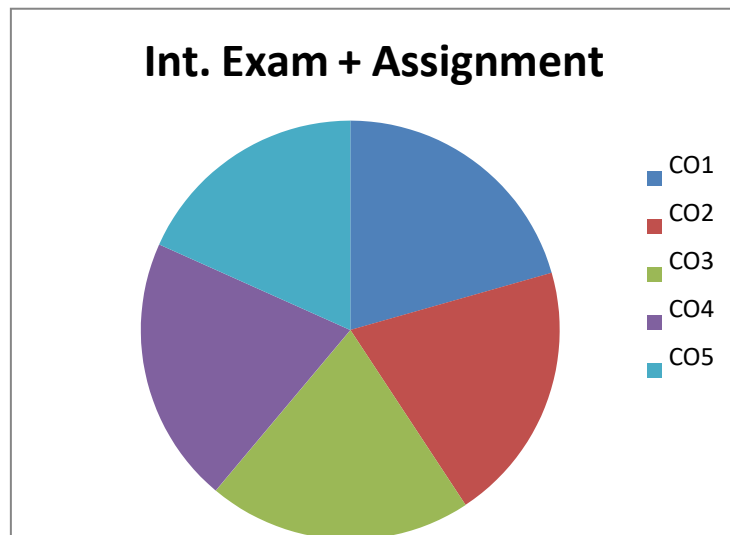
<b>CO</b>	<b>Internal</b>	<b>Assignment</b>
<b>CO1</b>	4	1
<b>CO2</b>	4	1
<b>CO3</b>	4	1
<b>CO4</b>	4	1
<b>CO5</b>	4	1
<b>Total</b>	20	5



<b>STUDENT NAME</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>TOTAL</b>	<b>AVERAGE</b>
ABINAYA K	5	5	5	5	4	24	96
ARIVALAGI A	5	5	5	5	5	25	100
DENISH SOPHIYA A	5	5	5	5	5	25	100
DHESIKA T	5	4	5	5	5	24	96
DIVYA T	5	5	5	5	5	25	100
DURKADEVI D	5	5	5	5	5	25	100
ESWARI R	5	4	5	5	5	24	96
JASMINE Y	5	5	5	5	5	25	100
JAYAPRIYA J	5	5	5	5	5	25	100
MALAROVIYA M	5	5	5	4	5	24	96
MUTHUSABANA S	5	5	5	5	5	25	100
NATHIYA P	5	5	5	5	5	25	100
PRIYALAKSHMI S	5	5	5	5	5	25	100
RAMYA R	5	5	5	5	5	25	100
SEETHALAKSHMI C	5	4	4	5	4	22	88
SUBASHINI M	4	5	5	5	5	24	96
SUHASINI S	5	5	5	5	5	25	100
VANITHA S	5	5	4	5	5	24	96
<b>AVERAGE</b>	<b>4.94</b>	<b>4.83</b>	<b>4.89</b>	<b>4.94</b>	<b>4.89</b>		

Expected Attainment in each CO - 85%

<b>CO</b>	<b>Int. Exam + Assignment</b>	<b>End Sem</b>	<b>Total</b>	<b>%</b>
<b>CO1</b>	4.94	75	79.94	<b>93.82</b>
<b>CO2</b>	4.83	75	79.83	<b>93.94</b>
<b>CO3</b>	4.89	75	79.89	<b>93.88</b>
<b>CO4</b>	4.94	75	79.94	<b>93.82</b>
<b>CO5</b>	4.89	75	79.89	<b>93.88</b>



## **COURSE - GRAPH THEORY**

### **COURSE OUTCOMES**

CO1	Illustrate different types of Graph Theory.
CO2	Define Euler Tours and Hamiltonian Cycles and prove related theorems.
CO3	Explain Matchings, Edge Colouring, Edge Chromatic number, and some properties are proved.
CO4	Define Vertex Colouring and prove theorems.
CO5	Derive properties of planarity and Euler's Formula and Prove Five- Colour theorem.

Internal Examination Mark Distributions for each Course outcomes

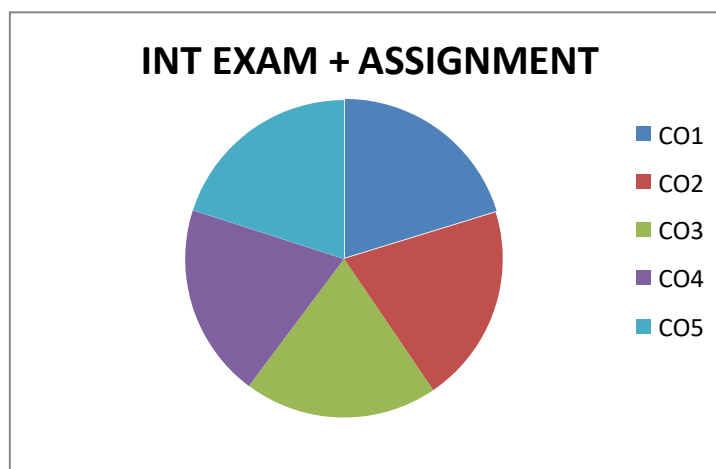
<b>CO</b>	<b>Internal</b>	<b>Assignment</b>
CO1	4	1
CO2	4	1
CO3	4	1
CO4	4	1
CO5	4	1
<b>Total</b>	20	5

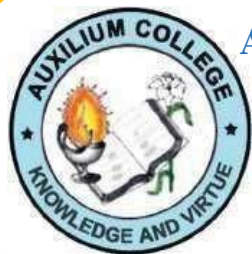
STUDENTNAME	CO1	CO2	CO3	CO4	CO5	TOTAL	AVER AGE
ABIRAMI .A	5	5	5	5	5	25	100
ABITHA.S	5	5	5	4	5	24	96
AMALORPAVA JEROCIYA.J	5	5	4	5	5	24	96
ATCHAYA.G	5	5	5	5	5	25	100
ATHITHYA.C	5	5	5	4	5	24	96
BOOMIGA.K	5	5	5	5	5	25	100
BOOMIKA.R	5	5	5	5	5	25	100
DURGADEVI.K	5	5	5	5	5	25	100
GOKILA.P	5	5	5	5	5	25	100
GOWSALYA.S	5	5	5	4	5	24	96
JAYAKARUNYA.J	5	5	5	5	5	25	100
JOSIKA.A	5	5	5	5	5	25	100
KANIMOZHI.K	5	5	5	5	5	25	100
KAVITHA.P	5	5	4	5	5	24	96
KAVYA.V	5	4	4	5	4	22	88
MAHALAKSHMI.G	4	5	5	5	5	24	96
MANJULA.G	5	5	5	5	5	25	100
MEENAKSHI.S	5	5	4	5	5	24	96
MEERA.M	5	5	5	5	5	25	100
MUTHUJEGANI.S	5	5	5	5	4	24	96
PRAGATHAMBAL.B	5	5	5	5	5	25	100
PRATHISHA.R	5	5	4	5	5	24	96
PRAVEENA.G	5	5	5	5	5	25	100
RAGINI.S	5	5	5	4	5	24	96
RAKSHANABEGAM.M	5	5	5	5	5	25	100
RAMYA.P	5	5	5	5	5	25	100
RISHIYA.S	5	5	5	5	5	25	100
SABRIKABEGAM.S	5	5	5	5	5	25	100
SHARMILA.R	5	5	5	4	5	24	96
SIVARANJANI.S	5	5	5	5	5	25	100

SNEGA.T	5	5	5	5	5	25	100
SNEKA.R	5	5	5	5	5	25	100
SOUNDHARYA.K	5	5	5	5	4	24	96
SUBHA.R.N	5	5	5	5	5	25	100
UMAMAHESHWARI.M	5	5	4	5	5	24	96
VELLAIYAMMAL.K	5	5	5	5	5	25	100
VIJAYALAKSHMI.K	5	5	5	4	5	24	96
YOGESHWARI.R	5	5	5	5	5	25	100
<b>AVERAGE</b>	4.97	4.97	4.84	4.84	4.92		

Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.97	75	79.97	<b>93.79</b>
CO2	4.97	75	79.97	<b>93.79</b>
CO3	4.84	75	79.84	<b>93.94</b>
CO4	4.84	75	79.84	<b>93.94</b>
CO5	4.92	75	79.92	<b>93.84</b>





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Regunathapuram (PO), Karambakudi (TK), Pudukkottai (DT)-622302.

### COURSE OUTCOMES-PROGRAMME OUTCOMES MAPPING

#### DEPARTMENT OF PHYSICS PROGRAM OUTCOMES

<b>PO1</b>	To know the historical development of physics, understand the fundamentals and principles of a variety of realm in physics and its possibilities and limitations, understand the value of lifelong learning and the role of physics in society.
<b>PO2</b>	To collect, assess, and make use of the information in both theoretical and experimental physics.
<b>PO3</b>	To apply advanced theoretical and/or experimental methods, including the use of laboratory techniques, numerical methods and computer simulations in various fields and practical situations.
<b>PO4</b>	To model, analyze, and solve advanced problems in physics with mathematical and computer tools.
<b>PO5</b>	To demonstrate the ability to plan and report on a experiment; including the plan, identification of equipment, and execution of experiments, the analysis and interpretation of experimental results, and an assessment of the errors involved

#### COURSE-MATHEMATICAL PHYSICS COURSE OUTCOMES

<b>CO1</b>	Learn Vector fields, vector identities and Gauss, Stoke's and Green's theorem with applications
<b>CO2</b>	Learn Matrix theory and types of tensors
<b>CO3</b>	Study point groups, space groups and the elementary ideas of rotation groups.
<b>CO4</b>	Learn Complex analysis such as Cauchy's Integral theorem and Cauchy's residue theorem
<b>CO5</b>	Get introduced to Special functions such as gamma and beta functions, recurrence and orthogon



<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P05</b>
<b>CO1</b>	2	2	2	3	0
<b>CO2</b>	2	0	2	2	0
<b>CO3</b>	2	1	3	2	0
<b>CO4</b>	2	0	2	2	0
<b>CO5</b>	2	0	2	1	0
<b>Average</b>	2	0.6	2.2	2	0

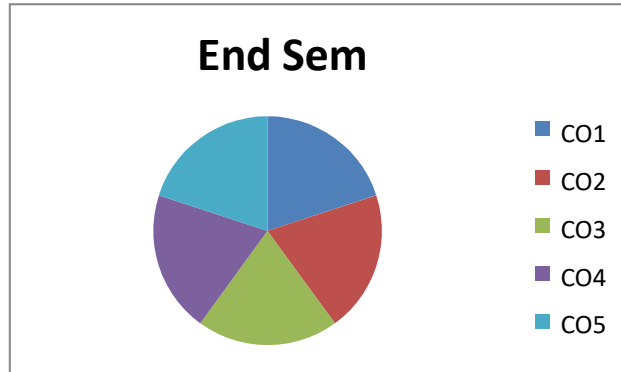
**Internal Examination Mark Distribution for each Course outcome**

<b>CO</b>	<b>Internal</b>	<b>Assignment</b>
<b>CO1</b>	4	1
<b>CO2</b>	4	1
<b>CO3</b>	4	1
<b>CO4</b>	4	1
<b>CO5</b>	4	1
<b>Total</b>	20	5

STUDENT NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	AVERAGE
ASHWITHA B	5	5	5	5	5	25	100
DURGADEVI R	5	5	5	5	5	25	100
LAVANYA A	5	5	5	5	5	25	100
MAHALAKSHMI R	5	5	5	5	5	25	100
MARIA AROCKIA JENCIYA J	5	5	5	5	5	25	100
MURUGESHWARI D	5	5	5	5	5	25	100
NITHYA T	5	5	5	5	5	25	100
PRIYADHARSINI K	5	5	5	5	5	25	100
VIDHYA G	5	5	5	5	5	25	100
YAMUNA R	5	5	5	4	5	24	96

Expected Attainment in each CO - 85%

CO	Int.Exam+Assignment	EndSem	Total	%
CO1	4.85	75	79.85	93.9
CO2	4.85	75	79.85	93.9
CO3	4.78	75	79.78	93.9
CO4	4.93	75	79.93	94.0
CO5	4.89	75	79.89	94.0



**COURSE- CLASSICAL MECHANICS  
COURSE OUTCOMES**

<b>CO6</b>	Get introduce to D Alembert's Principle and Lagrange's equations
<b>CO7</b>	Learn about Euler angles and Euler's equations of motion.
<b>CO8</b>	Understand Derivation of Hamilton's equations from variational principle
<b>CO9</b>	Learn Normal modes ,Normal frequencies and Frequencies of free vibrations
<b>CO10</b>	Know about Theory of Relativity

<b>PO→ CO↓</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P05</b>
<b>CO6</b>	3	2	1	2	1
<b>CO7</b>	3	2	2	2	2
<b>CO8</b>	3	2	1	2	2
<b>CO9</b>	3	2	2	2	1
<b>CO10</b>	3	1	2	2	2
<b>Average</b>	3	1.8	1.8	2	1.6

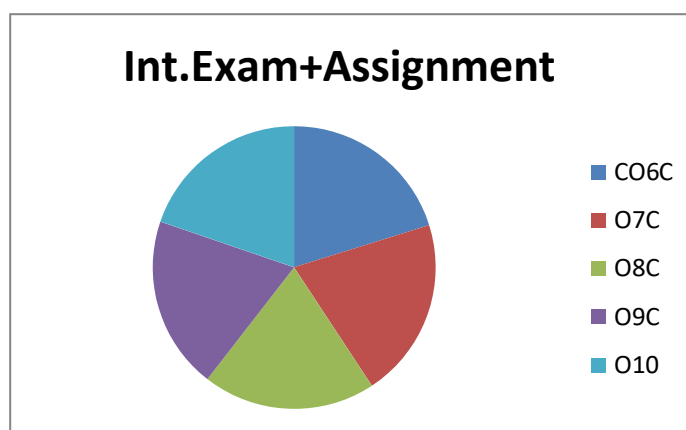
**Internal Examination Mark Distribution for each Course outcome**

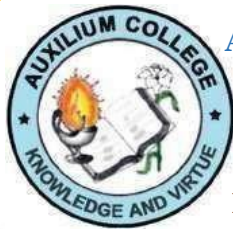
<b>CO</b>	<b>Internal</b>	<b>Assignment</b>
<b>CO6</b>	4	1
<b>CO7</b>	4	1
<b>CO8</b>	4	1
<b>CO9</b>	4	1
<b>CO10</b>	4	1
<b>Total</b>	20	5

<b>STUDENT NAME</b>	<b>CO6</b>	<b>CO7</b>	<b>CO8</b>	<b>CO9</b>	<b>CO10</b>	<b>TOTAL</b>	<b>AVERAGE</b>
ASHWITHA B	5	5	5	5	5	25	100
DURGADEVI R	5	5	5	4	5	24	96
LAVANYA A	5	5	5	5	5	25	100
MAHALAKSHMI R	5	5	5	5	5	25	100
MARIA AROCKIA JENCIYA J	5	5	5	5	5	25	100
MURUGESHWARI D	5	5	5	5	5	25	100
NITHYA T	5	5	5	5	5	25	100
PRIYADHARSINI K	5	5	5	4	5	24	96
VIDHYA G	5	5	5	5	5	25	100
YAMUNA R	5	5	5	4	5	24	96

Expected Attainment in each CO - 85%

CO	Int.Exam+Assignment	EndSem	Total	%
CO6	4.8	75	79.8	93.9
CO7	4.9	75	79.9	94.0
CO8	4.7	75	79.7	93.8
CO9	4.7	75	79.7	93.8
CO10	4.7	75	79.7	93.8





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Regunathapuram (PO). Karambakudi (TK). Pudukkottai (DT) - 622302.**

## **ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES**

### **COURSE OUTCOME-PROGRAMME OUTCOME MAPPING**

#### **FOR DEPARTMENT OF ENGLISH**

##### **PROGRAM OUTCOMES**

<b>PO1</b>	The Professionally Competent PG Graduates of Arts/Humanities buoy up with right mix of Knowledge-bank, Skill-set, Mind-set and Pragmatic Wisdom in their chosen fields.
<b>PO2</b>	The Seasoned and Spiritedness PG Graduates of Arts/Humanities exhibit sense of commitment to fruitful contribution to society and nation with benchmark quality contours.
<b>P03</b>	The Leadership Latitude exuberant PG Graduates of Arts/Humanities are mentored such that they are ready to lead or support emergent leadership in their chosen fields with commitment to nobility and rationality
<b>PO4</b>	PG Graduates are directed in understanding of ethical principles and responsibilities, moral and social values in day-to-day life thereby attaining Cultural and Civilized personality.
<b>PO5</b>	PG Graduates are able to collate information from different kinds of sources and gain a coherent understanding of the subject.

## **COURSE-GREEN LITERATURE**

### **COURSE OUTCOMES**

<b>C01</b>	Acquire knowledge and have clear idea about Green literature.
<b>C02</b>	Trace the current trends and analyze the major issues of literature.
<b>C03</b>	Determine and classify the uniqueness of Green literature.
<b>C04</b>	Evaluate the merits of Green literature and cultivate creative fervor.
<b>C05</b>	Develop Critical and analytical skills to evaluate the artistic merits of Green literature.

<b>PO→ CO↓</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P05</b>
<b>CO1</b>	2	2	2	3	0
<b>CO2</b>	3	1	2	2	0
<b>CO3</b>	2	1	3	2	0
<b>CO4</b>	3	1	2	2	0
<b>CO5</b>	2	2	2	2	0
<b>Average</b>	2.4	1.4	2.2	2	0

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

<b>CO</b>	<b>Internal</b>	<b>Assignment</b>
<b>CO1</b>	4	1
<b>CO2</b>	4	1
<b>CO3</b>	4	1
<b>CO4</b>	4	1
<b>CO5</b>	4	1
<b>Total</b>	20	5

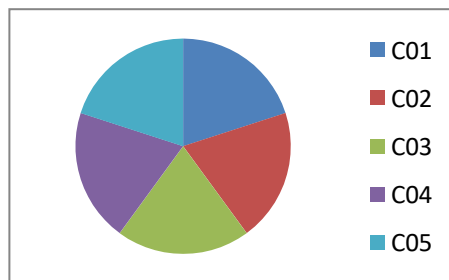
<b>STUDENTNAME</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>	<b>TOTAL</b>	<b>AVERAGE</b>
KAVIYA ROGINI.M	5	5	5	5	5	25	100
KAYALVIZHI.P	5	5	5	5	5	25	100
KEERTHIKA.R	5	4	5	4	4	22	88
PAVITHRA.D	4	3	5	4	5	21	84
PAVITHRA.M	5	5	5	5	5	25	100
SARANYA.T	5	5	5	5	4	24	96
SNEKA.S	4	4	5	4	5	22	88
VANATHI.G	5	5	5	5	5	25	100
VINOTHINI.R	4	4	5	4	4	21	84
<b>AVERAGE</b>	<b>4.67</b>	<b>4.44</b>	<b>5.00</b>	<b>4.55</b>	<b>4.67</b>		



**Expected Attainment in each CO-85%**

<b>CO</b>	<b>Int. Exam + Assignment</b>	<b>End Sem</b>	<b>Total</b>	<b>%</b>
<b>CO1</b>	4.67	75	79.67	93.7%
<b>CO2</b>	4.44	75	79.44	93.4%
<b>CO3</b>	5	75	80	94%
<b>CO4</b>	4.55	75	79.55	93.5%
<b>CO5</b>	4.67	75	79.67	93.7%

**Int. Exam + Assignment**



## **COURSE-SHAKESPEARE**

### **COURSE OUTCOMES**

<b>CO6</b>	Develop critical acumen
<b>CO7</b>	Appreciate the universal appeal of the Shakespearean ideologies
<b>CO8</b>	Enhance the capabilities of aesthetic appreciation
<b>CO9</b>	Trace the relevance of Shakespeare's works in the present era
<b>CO10</b>	Apply knowledge to lead a balanced life

<b>PO→ CO↓</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P05</b>
<b>CO6</b>	2	2	3	3	0
<b>CO7</b>	3	1	2	2	0
<b>CO8</b>	3	2	3	2	0
<b>CO9</b>	3	1	2	2	0
<b>CO10</b>	2	2	2	2	0
<b>Average</b>	2.6	1.6	2.4	2	0

#### **Internal Examination Mark Distribution for each Course outcomes**

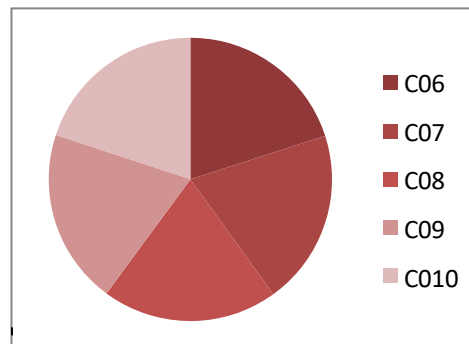
<b>CO</b>	<b>Internal</b>	<b>Assignment</b>
<b>CO6</b>	4	1
<b>CO7</b>	4	1
<b>CO8</b>	4	1
<b>CO9</b>	4	1
<b>CO10</b>	4	1
<b>Total</b>	20	5

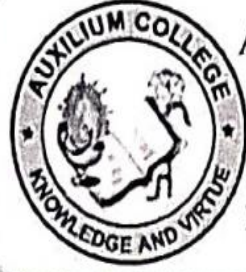
<b>STUDENTNAM</b>	<b>CO6</b>	<b>CO7</b>	<b>CO8</b>	<b>CO9</b>	<b>CO10</b>	<b>TOTAL</b>	<b>AVERAGE</b>
KAVIYA ROGINI.M	5	5	5	5	5	25	100
KAYALVIZHI.P	5	5	5	5	4	24	96
KEERTHIKA.R	5	5	5	5	5	25	100
PAVITHRA.D	4	4	4	3	3	18	72
PAVITHRA.M	5	5	5	5	5	25	100
SARANYA.T	5	5	5	4	5	24	96
SNEKA.S	5	4	5	5	3	22	88
VANATHI.G	5	5	5	5	5	25	100
VINOTHINI.R	4	4	5	4	4	21	84
<b>Average</b>	<b>4.78</b>	<b>4.67</b>	<b>4.89</b>	<b>4.55</b>	<b>4.33</b>		

**Expected Attainment in each CO-85%**

<b>CO</b>	<b>Int. Exam + Assignment</b>	<b>End Sem</b>	<b>Total</b>	<b>%</b>
<b>CO6</b>	4.78	75	79.78	93.8%
<b>CO7</b>	4.67	75	79.67	93.7%
<b>CO8</b>	4.89	75	79.89	93.9%
<b>CO9</b>	4.55	75	79.55	93.5%
<b>CO10</b>	4.33	75	79.33	93.3%

**Int. Exam +Assignment**





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**ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES  
COURSE OUTCOMES-PROGRAMME OUTCOMES MAPPING**

**FOR DEPARTMENT OF TAMIL**

**PROGRAM OUTCOMES**

PO1	உயர்ந்த விழுமியங்களுடன் கூடிய சமுதாய மனிதர்களாய் வாழ்வார்.
PO2	கால மாற்றங்களுக்கேற்ப சமூக உறவுகளுக்கிடையே உருவாகும் இடைவெளியை எளிதில் ஏற்றுக்கொள்வார்.
PO3	இலக்கியத்தில் மட்டுமின்றி எந்த நிகழ்வுகளையும் நடுநிலையோடு விமர்சனம் செய்யும் திறன் பெறுவார்.
PO4	புதிய வளர்ச்சிக்கேற்ப தொழில்நுட்பம் சார்ந்த படைப்புத் திறன் பெற்றுத் திகழ்வார்.
PO5	அரசு உயர் பதவிக்குத் தேவையான சிறந்த நேர்மையான திறன்களையும் வல்லாண்மைகளையும் பெற்று விளங்குவார்.

Internal Examination Mark Distribution for each Course outcomes

CO	Internal	Assignment
CO1	4	1
CO2	4	1
CO3	4	1
CO4	4	1
CO5	4	1
Total	20	5

STUDENTNAME	CO 1	CO2	CO3	CO4	CO5	TOTAL	AVERAGE
ADHITHYA J	5	5	5	5	5	25	100
AROCKIYA SELSINA A	5	5	5	5	4	24	96
GOWSALYA M	5	5	4	5	5	24	96
MALADEVI V	5	5	5	5	5	25	100
MANJU N	5	4	5	4	5	23	92
NITHYA R	5	5	5	5	5	25	100
NIVETHITHA S	5	5	5	5	5	25	100
PRIYANKA T	5	5	5	5	5	25	100
REKHA S	4	4	5	5	5	23	92
SIVAGANGAPRIYA V	5	5	5	4	5	24	96
SOUNDARYA P	5	5	4	5	5	24	96
TAMILNILA K	5	5	5	5	5	25	100
<b>AVERAGE</b>	<b>4.92</b>	<b>4.83</b>	<b>4.83</b>	<b>4.83</b>	<b>4.92</b>		

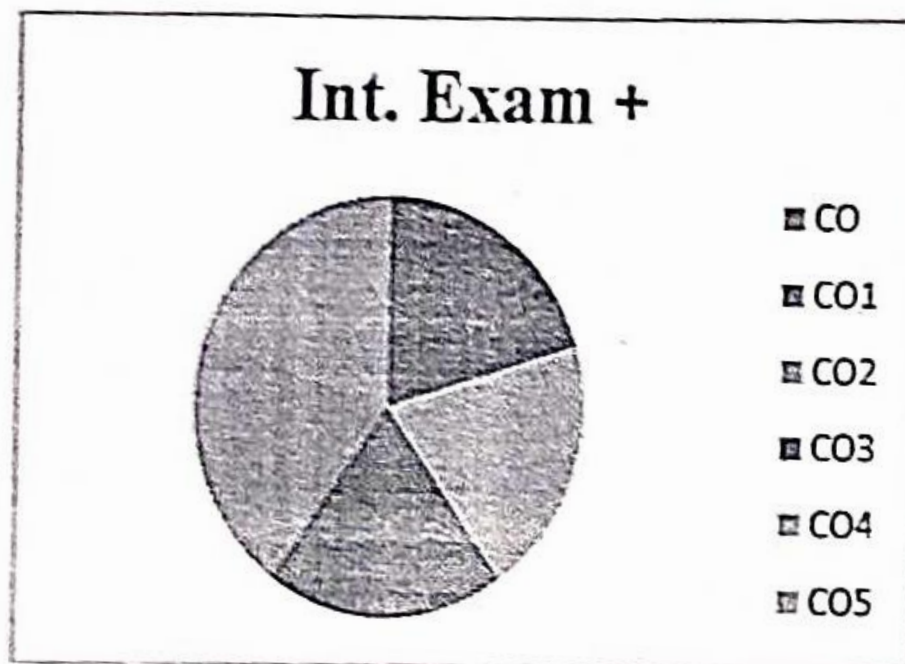
COURSE - காப்பிய இலக்கியம் (P22TA22)

S.NO	COURSE OUTCOMES
C01	தமிழர் பண்பாட்டுக் கூறுகளைக் கற்றறிவர்
C02	சமணம் பௌத்தம் முதலான சமயக் கருத்துக்களைக் கற்றறிவர்
C03	ஊழியின் வலிமை அரசாட்சி முறைமை சமண சமயக் கொள்கைகளை அறிந்து கொள்வர்
C04	கற்பனை முதலான காப்பிய உத்திகளை ஆய்ந்தறிவர்
C05	வண்ணம் ஓசை சந்தம் நடை போன்ற இலக்கியச் சுவைகளைக் கற்றுணர்வர்
C06	காப்பிய கதைகள் வழி அறச்சிந்தனைகளை அறிவர்

PO→ CO↓	PO1	PO2	PO3	PO4	PO5
C01	2	2	2	3	1
C02	2	0	2	2	2
C03	2	1	3	2	2
C04	2	0	2	2	1
C05	2	0	2	1	2
Average	2	0.6	2.2	2	1.6

### Expected Attainment in each CO-85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.92	75	79.92	94.0%
CO2	4.83	75	79.83	93.9%
CO3	4.83	75	79.83	93.9%
CO4	4.83	75	79.83	93.9%
CO5	4.92	75	79.92	94.0%





PO→ CO↓	PO1	PO2	PO3	PO4	PO5
C06	2	2	2	3	
C07	2	0	2	2	
C08	2	1	3	2	
C09	2	0	2	2	
C010	2	0	2	1	
Average	2	0.6	2.2	2	

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

CO	Internal	Assignment
C06	4	1
C07	4	1
C08	4	1
C09	4	1
C010	4	1
Total	20	5

STUDENTNAME	CO6	CO7	CO8	CO9	CO10	TOTAL	AVERAGE
ANANTHI M	4	5	5	5	4	23	92
BRINDHA A	5	5	5	5	4	24	96
DHIVYA M	5	5	5	5	4	24	96
GOKILA G	5	5	5	5	5	25	100
HEMALATHA K	5	5	5	5	5	25	100
MAHALAKSHMI N	5	5	5	5	5	25	100
MUTHAMILSELVI K	5	4	4	5	5	23	92
PRABHA R	5	5	5	5	5	25	100
PRIYADHARSHINI R	5	5	5	5	5	25	100
RANJANI R	5	5	5	5	5	25	100
SHAMILI B	4	5	5	5	4	23	92
SOUNDARYA S	5	5	5	5	4	24	96
SRIBHASHINI R	5	5	5	5	4	24	96
SUJITHA M	5	5	5	5	5	25	100
SWETHA M	5	5	5	5	5	25	100
UMADEVI M	5	5	5	5	5	25	100
VINOTHA M	5	4	4	5	5	23	92
YUVASRI S	5	5	5	5	5	25	100
AVERAGE	4.89	4.89	4.89	5	4.67		

COURSE- சிற்றிலக்கியம் (22ACCTA3)

S.NO	COURSE OUTCOMES
C01	தமிழ்ச் சிற்றிலக்கிய மரபுகளைப் புரிந்து கொள்ளல்
C02	தமிழ்ச் சிற்றிலக்கியங்களின் பாடுபொருள் குறித்தும் அதன் எழுத்துரைப்பியல் குறித்தும் புரிந்து கொள்ளல்.
C03	சிற்றிலக்கியத்தின் சிறப்புக்களை இனம் காண முடிகிறது
C04	பள்ளு இலக்கியங்களின் வாழ்க்கை நிலையை அறிந்து கொள்ள பயன்படுகிறது
C05	சிற்றிலக்கியங்களின் மூலம் இறைச் செய்தியை உணரச்செய்தல்
C06	சிற்றிலக்கியங்களின் வழி சமயம் சார்ந்த செய்தியை அறிவர்

### Expected Attainment in each CO-85%

CO	Int.Exam+ Assignment	End Sem	Total	%
C06	4.89	75	79.89	93.9
C07	4.89	75	79.89	93.9
C08	4.89	75	79.89	93.9
C09	5	75	80	94.1
C010	4.67	75	79.67	93.7

