



**A.P.C. MAHALAXMI COLLEGE FOR WOMEN**

**THOOTHUKUDI - 2**



## **CRITERION 2**

**SSR CYCLE IV**

# **TEACHING-LEARNING AND EVALUATION**

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### **2.6. Student Performance and Learning Outcome**

#### **2.6.2: Attainment of POs and COs are evaluated**

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**PO-CO Attainment****PG & Research Department of English****Calculation of Attainment**

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF ENGLISH**  
**Attainment of PO and CO**

**B.A English - Batch 2020-2023**

**Number of Students: 62**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	AMEN11	INDIAN WRITING IN ENGLISH - I	44	47	43	62	62	62
I	AMEN12	BRITISH FICTION	45	45	47	62	62	62
I	APSS11	PROFESSIONAL ENGLISH I	48	49	52	62	62	62
I	AAEN11	SOCIAL HISTORY OF ENGLAND	51	47	43	62	62	62
II	AMEN21	INDIAN WRITING IN ENGLISH -II	49	51	50	60	60	60
II	APSS21	PROFESSIONAL ENGLISH II	44	45	46	60	60	60
II	AMEN22	AMERICAN LITERATURE	49	48	51	60	60	60
II	AAEN21	LITERARY FORMS	50	47	51	60	60	60
III	AMEN31	HISTORY OF ENGLISH LITERATURE-I	39	47	50	59	59	59
III	AMEN32	BRITISH POETRY	44	45	48	59	59	59
III	AAEN31	ENGLISH GRAMMAR AND USAGE	43	47	48	59	59	59
III	ASEN31	PHONETICS AND SPOKEN ENGLISH	50	48	51	59	59	59
IV	AMEN41	HISTORY OF ENGLISH LITERATURE-II	40	48	55	55	55	34
IV	AMEN42	BRITISH DRAMA	45	50	38	5	55	45
IV	AAEN41	CHICANO LITERATURE	46	38	39	55	55	47
IV	ASEN41	ECO ENGLISH	50	49	47	55	55	54
V	AMEN51	NON-FICTION	42	45	43	52	52	47
V	AMEN52	LITERARY CRITICS AND APPROACHES	48	49	53	53	53	43
V	AMEN53	WORLD LITERATURE IN TRANSLATION	49	51	53	53	53	44
V	AMEN54	CANADIAN LITERATURE	43	46	43	53	53	45
V	AEEN51	WOMEN'S WRITING	44	43	49	52	52	33
V	AAEN53	CREATIVE WRITING IN ENGLISH	35	40	46	52	52	35
VI	AMEN64	REGIONAL LITERATURE IN TRANSLATION	38	45	51	52	52	51
VI	AMEN61	SHAKESPEARE	38	42	38	52	52	46
VI	AEEN61	AFRICAN LITERATURE	49	47	50	52	52	52
VI	AMEN62	AUSTRALIAN LITERATURE	39	41	48	52	52	51
VI	AMEN63	SHORT-STORIES AND ONE-ACT PLAYS	47	46	50	52	52	48
VI	AEEN63	COMPARATIVE LITERATURE	51	50	52	52	52	51

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment/participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												Attainment
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
I	AMEN11	2.94	2.94	2.97	2.95	2.95	2.96	2.95	2.94	2.98	2.96	High
I	AMEN12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	APSS11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AAEN11	2.95	2.94	2.97	2.95	2.96	2.97	2.97	2.96	2.94	2.94	High
II	AMEN21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	APSS21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMEN22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AAEN21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMEN31	2.95	2.94	2.94	2.95	2.92	2.925	2.96	2.93	2.95	2.97	High
III	AMEN32	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AAEN31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ASEN31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMEN41	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Moderate
IV	AMEN42	2.94	2.96	2.95	2.95	2.94	2.95	2.95	2.94	2.96	2.95	High
IV	AAEN41	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	High
IV	ASEN41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMEN51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMEN52	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMEN53	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMEN54	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AEEN51	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Moderate
V	AAEN53	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	Moderate
VI	AMEN64	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMEN61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AEEN61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMEN62	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMEN63	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AEEN63	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF ENGLISH**  
**Attainment of PO and CO**

**M.A. English – 2021-2023 Batch**  
**Number of Students: 18**

Sem	Subject Code	Subject Name	Number of Students scored 50% and above Marks					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Seminar	External Test
I	ZEHM11	British Poetry	18	18	18	18	18	18
I	ZEHM12	British Drama	18	18	18	18	18	18
I	ZEHM13	Indian English Literature - I	18	18	18	18	18	18
I	ZEHM14	American Literature - I	18	18	18	18	18	18
I	ZEHM15	African Literature	18	18	18	18	18	17
I	ZEHE12	Literature and Pandemics	18	18	18	18	18	17
II	ZEHM21	British Non-Fiction	13	13	14	15	15	14
II	ZEHM22	Indian English Literature - II	14	14	14	15	15	14
II	ZEHM23	American Literature - II	14	12	14	15	15	14
II	ZEHM24	Canadian Literature	14	14	13	15	15	14
II	ZEHM25	Shakespeare	14	14	14	15	15	14
II	ZEHM26	Literary Theory - I	13	13	12	15	15	14
III	ZEHE31	Green Literature	15	15	15	15	15	15
III	ZEHM31	British Fiction	15	14	15	15	15	14
III	ZEHM32	Australian Literature	14	14	13	15	15	13
III	ZEHM33	Research Methodology	14	13	13	15	15	15
III	ZEHM34	Aspects of English Language I	15	14	14	15	15	15
III	ZEHM35	Literary Theory - II	12	12	13	15	15	11
IV	ZEHM41	Gender Studies	14	15	14	15	15	15
IV	ZEHM42	Asia Pacific Literature	15	15	13	15	15	15
IV	ZEHM43	Aspects of English Language II	13	14	14	15	15	15
IV	ZEHE44	Translation Studies: Theory and Practice	15	14	14	15	15	15
IV	ZEHP41	Project	15	15	15	15	15	15

- ❖ Students who have scored 8 and above out of 15 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment
- ❖ Students who have scored 3 and above out of 5 in the participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	ZEHM11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZEHM12	2.84	2.85	2.85	2.84	2.91	2.75	2.80	2.93	2.94	2.84	High
I	ZEHM13	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZEHM14	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZEHM15	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZEHE12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZEHM21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZEHM22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZEHM23	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZEHM24	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZEHM25	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZEHM26	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZEHE31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZEHM31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZEHM32	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZEHM33	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZEHM34	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZEHM35	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ZEHM41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ZEHM42	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ZEHM43	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ZEHE44	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ZEHP41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

## Report

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI****DEPARTMENT OF ENGLISH****PO-CO Attainment Report**

Although the overall PO target was achieved, a few courses like History of English Literature II, Women's Writing and Creative Writing in English achieved the target of below 50%. Considering the difficulty level of the papers, continuous efforts were taken by the faculty and students. Coaching classes were conducted during zero hours. Coaching classes were offered to slow learners to improve their understanding. Peer-to-peer teaching was adopted in class. Multiple Choice Questions on the specific subject were provided to the students. Students were also encouraged to attend Quiz through various websites, providing them with links. Materials like short summaries and essays were provided for the benefit of slow learners. Assignments were given to students for better understanding. Initiatives were taken to make students move to the library and read many books, to promote Creative Writing Skills in English. Students were encouraged to watch NPTEL Video Lectures for available courses.

To enhance the academic level of moderate attainment courses, teachers are insisted to adopt different teaching methods. In addition to that the simple notes and past year university examination question papers will be given for revision.

*Monica Ramraj*

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**Department of History**  
**Calculation of Attainment**

**A.P.C.MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**DEPARTMENT OF HISTORY**  
**Attainment of PO and CO**

**B.A History - 2020-2023 Batch**  
**Number of Students: 48**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	AMHI11	History of India Up to 647 A.D	48	48	48	48	48	48
I	AMHI12	History Tamil nadu 1336 A.D	48	48	48	48	48	48
I	AAHI11	Theory of Political Science	48	48	48	48	48	48
I	APSS11	Professional English for Arts and Social Science-I	48	48	48	48	48	48
II	AMHI21	History of India Up to 647 A.D-526A.D	48	48	48	48	48	48
II	AMHI22	History Tamil nadu 1336 A.D-1800A.D	48	48	48	48	48	48
II	AAHI21	Modern Constitution	48	48	48	48	48	48
II	APSS21	Professional English for Arts and Social Science-II	48	48	48	48	48	48
III	AMHI31	History of India( 1526-1772 A.D)	41	41	41	41	41	41
III	AMHI32	History of Tamil Nadu(800-1967 A.D)	41	41	41	41	41	41
III	AAHI31	Constitution of India	41	41	41	41	41	41
III	ASHI31	Human Rights	41	41	41	41	41	41
IV	AMHI41	History of India (1772-1907A.D)	41	41	41	41	41	41
IV	AMHI42	History of Europe	41	41	41	41	41	41
IV	AAHI41	Indian Political Thought	41	41	41	41	41	41
IV	ASHI41	Principles and Methods of Archeology	41	41	41	41	41	41
V	AMHI51	Elements of Historiography	36	35	34	38	38	37
V	AMHI52	History of Europe (1453-1789A.D)	37	35	34	38	38	37
V	AMHI53	History of China	37	36	37	38	38	38
V	AMHI54	Indian Public Administration	38	36	30	38	38	38
V	AEHI51	Constitutional History of India	38	37	28	38	38	37
V	AEHI52	Panjayath Raj in India	34	36	33	38	38	38
V	ACSB51	Personality Development	36	36	37	38	38	37
VI	AMHI61	History of Europe(1789-1945)	36	36	33	38	38	38
VI	AMHI62	History of Science and Technology Since 17th Century	36	37	35	38	38	38
VI	AMHI63	History of India Since 1947	38	38	36	38	38	38
VI	AMHI64	Women Studies	38	25	36	38	38	38
VI	AEHI61	Epiigraphy	36	37	35	38	38	37

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment /participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	AMHI11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AMHI12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AAHI11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	APSS11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMHI21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMHI22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AAHI21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	APSS21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMHI31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMHI32	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AAHI31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ASHI31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMHI41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMHI42	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AAHI41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ASHI41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMHI51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMHI52	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMHI53	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMHI54	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AEHI51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AEHI52	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	ACSB51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMHI61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMHI62	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMHI63	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMHI64	2.95	2.95	2.94	2.94	2.95	2.95	2.96	2.95	2.95	2.95	High
VI	AEHI61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

**Report**

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**DEPARTMENT OF HISTORY**  
**PO-CO Attainment Report**

The Programme Outcome and Course Outcome are mapped against each question and analysis is carried out by the faculty for each course and documented. All the students proficient with “High” attainment the following steps will be taken to achieve the same target in the upcoming years.

- ❖ The faculties are advised to use some models, maps in order to involve the students to make their study valid.
- ❖ Insisted to involve them in peer teaching learning process and given feedback to self-monitor and take action in their learning.
- ❖ They are motivated to do flipped teaching in the class to improve their independent learning skills.
- ❖ To inculcate their knowledge about referring various authors books for both higher education and placement for Competitive exams.
- ❖ For acquiring knowledge Google classroom is set up for the students and regular assignment and task are also conducted.

  
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PG & Research Department of Tamil  
Calculation of Attainment

<b>A.P.C.MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI</b>								
<b>PG &amp; RESEARCH DEPARTMENT OF TAMIL</b>								
<b>Attainment of PO and CO</b>								
<b>B.A Tamil – 2020-2023 Batch</b>								
<b>Number of Students: 61</b>								
Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	APSS11	Professional English for arts and Science	35	42	56	64	64	62
I	AATA11	Nanool - Ezhuthu	49	53	56	64	64	45
I	AMTA11	Nattapuraviya- I	54	55	53	64	64	47
II	APSS21	Professional English for arts and Science II	56	50	57	64	64	59
II	AMTA21	Nanool -Sol	52	39	56	64	64	49
II	AATA21	Nattapuraviyal -II	45	62	61	64	64	62
III	AMTA31	Yappilakkanam	49	51	48	59	59	55
III	AMTA32	Sittrilakkiyam	50	48	49	59	59	57
III	AATA31	Thalithiyamum Penniyamum	47	50	52	59	59	54
IV	AMTA41	Ani Ilakkanam	51	55	52	59	59	51
IV	AMTA42	Neethi Ilkkiyam	54	49	54	59	59	54
IV	AATA41	Ariviyal Tamil	52	40	48	59	59	56
V	AMTA51	Ilakkanam - Agaporul	48	47	44	56	56	50
V	AMTA52	Sanga Ilakkiyam	50	55	52	56	56	52
V	AMTA53	Ikkala Ilakkiyam	53	53	51	56	56	53
V	AMTA54	Ilakkiya Thirneyvu	51	54	48	56	56	51
V	AMTA55	Thamizhaga Varalarum Panpadum	50	55	50	56	56	54
VI	AMTA61	Ilakkanam - Puraporul	47	50	51	56	56	50
VI	AMTA62	Kappiya Ilakkiyam	50	53	51	56	56	52
VI	AMTA63	Pakthi Ilakkiyam	55	51	55	56	56	53
VI	AMTA64	Thamizhaga Varalarum Panpadum-II	53	50	53	56	56	51
VI	AMTA65	Ilakkiya Varalaru	54	49	54	56	56	55

❖ Students who have scored 10 and above out of 20 in the internal test  
 ❖ Students who have scored 3 and above out of 5 in the assignment /participative learning  
 ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Sub.Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	APSS 11	3.00	2.65	3.00	2.95	3.00	3.00	2.95	2.85	2.75	3.00	High
I	AMTA11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AATA11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	APSS21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMTA21	2.95	2.75	2.95	2.95	2.95	2.95	2.65	2.95	2.95	2.95	High
II	AATA21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMTA31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMTA32	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	High
III	AATA31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMTA41	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	High
IV	AMTA42	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AATA41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMTA51	2.95	2.15	2.95	2.15	2.15	2.95	2.15	2.95	2.15	2.15	High
V	AMTA52	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	High
V	AMTA53	2.85	2.85	1.2	2.85	1.8	2.85	2.85	1.2	2.85	1.8	Moderate
V	AMTA54	2.85	1.43	1.1	1.37	2.85	2.85	2.85	1.2	2.85	2.85	Moderate
V	AMTA55	2.17	3.00	2.17	3.00	2.17	2.17	3.00	2.17	3.00	2.17	High
VI	AMTA61	2.21	3.00	2.21	3.00	2.21	2.21	3.00	2.21	3.00	2.21	High
VI	AMTA62	2.85	2.85	1.25	2.85	1.36	2.85	2.85	2.85	2.85	2.85	Moderate
VI	AMTA63	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	Moderate
VI	AMTA64	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	High
VI	AMTA65	3.00	3.00	2.35	3.00	2.35	3.00	3.00	2.35	3.00	2.35	High

**A.P.C.MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF TAMIL**  
**Attainment of PO and CO**

**M.A Tamil – 2021-2023 Batch**

**Number of Students: 21**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Seminar	External Test
I	ZTLM14	Ara Ilakkiyam	20	20	18	21	21	21
I	ZTLM13	Punaikathaiyum Urainadaiyum	21	20	20	21	21	21
I	ZTLM12	Tholkappiyam Ezhuthu	19	21	21	21	21	21
I	ZTLM11	Ikkala Ilakkiyam - Kavithai	20	19	19	21	21	21
II	ZTLM24	Sirilakkiyam	20	18	20	21	21	21
II	ZTLM23	Bakthi Ilakkiyam	21	20	21	21	21	21
II	ZTLM22	THolkappiyam Sol	19	21	19	21	21	21
II	ZTLM21	Mozhi Varalaru	18	19	18	21	21	21
III	ZTLM34	Araychi Nerimuraigal	14	11	15	16	16	16
III	ZTLM33	Uraiyasiriyarkalum Urainarabum	15	14	15	16	16	16
III	ZTLM32	Tholkappiyam porul- I	14	15	14	16	16	16
III	ZTLM31	Kappiya Ilakkiyam	15	14	15	16	16	16
IV	ZTLM44	Thamizh Nadagakalai	15	14	13	16	16	16
IV	ZTLM43	Ilakkiya Thiranaiyviyal	14	15	14	16	16	16
IV	ZTLM42	THolkappiyam Porul-II	15	14	15	16	16	16
IV	ZTLM41	Pandai Ilakkiyam	13	15	14	16	16	16

- ❖ Students who have scored 8 and above out of 15 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment
- ❖ Students who have scored 3 and above out of 5 in the participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	ZTLM14	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZTLM13	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZTLM12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZTLM11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZTLM24	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZTLM23	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZTLM22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZTLM21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZTLM34	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZTLM33	2.89	2.87	2.90	2.96	2.91	2.89	2.88	2.90	2.90	2.90	High
III	ZTLM32	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZTLM31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ZTLM44	2.90	2.88	2.91	2.96	2.91	2.90	2.87	2.91	2.89	2.89	High
IV	ZTLM43	2.87	2.89	2.90	2.91	2.91	2.87	2.88	2.90	2.90	2.90	High
IV	ZTLM42	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ZTLM41	2.77	2.75	2.82	2.83	2.83	2.77	2.76	2.78	2.78	2.81	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

## Report

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF TAMIL**  
**PO-CO Attainment Report**

Although the overall PO target was achieved, a few courses like Ikkala Ilakkiyam, Ilakkiya Thiranayvu, Pakthi Ilakkiyam and Kappiya Ilakkiyam achieved the target of below 50%. To overcome that continuous efforts were taken by the faculty and students. The transition of knowledge with a significant paradigm shift was put into action. Coaching classes were conducted during zero hours. Coaching classes were offered to slow learners to improve their understanding. Peer-to-peer teaching was adopted in class. Multiple Choice Questions on the specific subject were provided to the students. Students were also encouraged to attend Quiz through various websites, providing them with links. Materials like short summaries and essays were provided for the benefit of slow learners. Assignments were given to students for better understanding. Initiatives were taken to make students move to the library and read many books, to promote Creative Writing Skills in English. Students were encouraged to watch NPTEL Video Lectures for available courses.

*S. Mallika*

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## Department of Commerce (Aided)

## Calculation of Attainment

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**DEPARTMENT OF COMMERCE (AIDED)**  
**Attainment of PO and CO**

**B.Com. (Aided) - Batch 2020-2023**  
**Number of Students: 64**

Semester	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	APCM 11	Professional English for Commerce and Management	63	63	63	63	63	63
I	AACO11	Business Economics	63	63	63	63	63	63
I	AMCO12	Business Organization and Management	63	63	63	63	63	63
I	AMCO11	Financial Accounting -I	63	57	63	63	63	63
II	APCM21	Professional English for Commerce and Management - II	63	63	63	63	63	63
II	AACO21	Marketing	63	63	63	63	63	63
II	AMCO22	Principles of Insurance	63	63	63	63	63	63
II	AMCO21	Financial Accounting -II	63	63	63	63	63	63
III	AACO31	Company organisation	61	54	61	61	61	61
III	AMCO34	HRM	61	61	61	61	61	61
III	AMCO33	Banking	61	60	61	61	61	61
III	AMCO32	Business Statistics	60	59	60	61	61	57
III	AMCO31	Advanced financial accounting - I	60	60	60	61	61	57
IV	AACO41	Computer application in business	48	50	47	61	61	57
IV	AMCO44	Import Export procedure	57	60	57	61	61	57
IV	AMCO43	Capital Market	53	55	56	61	61	59
IV	AMCO42	Business Mathematics	50	57	56	61	61	61
IV	AMCO41	Advanced financial accounting - II	57	54	48	61	61	57
V	AECO51	Income Tax Law and Practice-I	30	48	51	57	57	50
V	AMCO54	Research Methodology	45	54	44	57	57	55
V	AMCO53	Business Law	53	55	50	57	57	51
V	AMCO52	Cost Accounting	46	46	50	57	57	50
V	AMCO51	Corporate Accounting -I	49	37	45	57	57	50
VI	AECO61	Income Tax Law and Practice-II	47	54	36	57	57	57
VI	AMCO64	Auditing	43	42	43	57	57	54
VI	AMCO63	Industrial Law	51	49	49	57	57	54
VI	AMCO62	Management Accounting	29	40	49	57	57	53
VI	AMCO61	Corporate Accounting -II	50	32	43	57	57	49

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment /participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	APCM 11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AACO11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AMCO12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AMCO11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	APCM21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AACO21	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	High
II	AMCO22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMCO21	2.85	2.85	2.87	2.85	2.85	2.85	2.85	2.85	2.85	2.84	High
III	AACO31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCO34	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCO33	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCO32	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCO31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AACO41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMCO44	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	High
IV	AMCO43	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMCO42	2.85	2.85	2.875	2.85	2.85	2.85	2.85	2.85	2.85	2.84	High
IV	AMCO41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AECO51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMCO54	2.85	2.85	2.875	2.85	2.85	2.85	2.85	2.85	2.85	2.84	High
V	AMCO53	2.66	2.76	2.76	2.95	2.75	2.74	2.84	2.84	2.84	2.84	High
V	AMCO52	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMCO51	2.96	2.95	2.96	2.95	2.95	2.9375	2.94	2.94	2.94	2.94	High
VI	AECO61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMCO64	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	High
VI	AMCO63	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMCO62	2.85	2.85	2.875	2.85	2.85	2.85	2.85	2.85	2.85	2.84	High
VI	AMCO61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

**Report**

**A.P.C. Mahalaxmi College for Women, Thoothukudi**  
**Department of Commerce**  
**PO-CO Attainment Report**

The following actions were taken to achieve high attainment in the Courses

- Subsequent coaching classes were conducted along with the regular classes.
- Coaching classes were offered to weak students to improve their understanding and hence the course outcome was achieved.
- Innovative teaching learning practices were adopted to improve the understanding level of the students.
- Peer-assisted learning was used to encourage advanced learners to assist their peer students' understanding of core papers.
- Students were given hands on training and were allowed to take internship, this helped them to improve their practical knowledge and critical thinking skills.
- Study-related videos were shared with the students to remember the concepts easily.

  
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**PG & Research Department of Commerce (Unaided)**  
**Calculation of Attainment**

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF COMMERCE**  
**Attainment of PO and CO**

**B.Com. (I Batch) - 2020-2023Batch**

**Number of Students: 64**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	AMCO11	Financial Accounting-I	49	56	60	64	64	64
I	AMCO12	Business Organization	51	45	37	64	64	64
I	APCM11	Professional English	38	51	46	64	64	64
I	AACO11	Business Economics	33	48	54	64	64	64
II	AMCO21	Financial Accounting-II	42	37	59	64	64	64
II	AMCO22	Principles of Management	61	54	48	64	64	64
II	AACO21	Marketing	40	43	52	64	64	64
II	APCM21	Professional English	57	38	44	64	64	63
III	AMCO31	Advanced Financial Accounting-I	47	50	49	62	62	63
III	AMCO32	Business Statistics	35	62	58	62	62	63
III	AMCO33	Banking	53	59	60	62	62	63
III	AMCO34	Human Resource Management	48	47	54	62	62	63
III	AACO31	Company Organization	38	42	59	62	62	63
IV	AMCO41	Advanced Financial Accounting-II	54	48	47	62	62	56
IV	AMCO42	Business Mathematics	54	46	51	62	62	59
IV	AMCO43	Capital Market	45	52	49	62	62	48
IV	AMCO44	Import & Export Procedure	42	35	60	62	62	55
V	AMCO51	Corporate Accounting-I	42	49	16	59	59	51
V	AMCO52	Cost Accounting	44	40	50	59	59	50
V	AMCO53	Business Law	41	53	56	59	59	45
V	AMCO54	Research Methodology	45	20	30	59	59	49
V	AECO51	Income Tax Law & Practice - I	55	54	55	59	59	58
VI	AMCO61	Corporate Accounting-II	51	36	25	59	59	49
VI	AMCO62	Management Accounting	16	48	32	59	59	48
VI	AMCO63	Industrial Law	21	54	59	59	59	59
VI	AMCO64	Auditing	33	52	54	59	59	58
VI	AECO6A	Income Tax Law & Practice - II	56	54	45	59	59	58

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment /participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	AMCO11	2.85	2.86	2.84	2.85	2.85	2.85	2.86	2.84	2.85	2.85	HIGH
I	AMCO12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
I	APCM11	2.90	2.90	2.90	2.91	2.90	2.92	2.90	2.90	2.91	2.90	HIGH
I	AACO11	2.85	2.85	2.85	2.85	2.81	2.85	2.85	2.85	2.85	2.81	HIGH
II	AMCO21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	AMCO22	2.90	2.90	2.92	2.90	2.91	2.90	2.90	2.91	2.90	2.91	HIGH
II	AACO21	2.90	2.88	2.88	2.92	2.88	2.90	2.90	2.92	2.92	2.92	HIGH
II	APCM21	2.90	2.88	2.88	2.92	2.88	2.90	2.90	2.92	2.92	2.92	HIGH
III	AMCO31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	AMCO32	2.90	2.90	2.90	2.90	2.92	2.90	2.90	2.90	2.90	2.92	HIGH
III	AMCO33	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	AMCO34	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	AACO31	2.90	2.92	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	HIGH
IV	AMCO41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	AMCO42	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	AMCO43	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	AMCO44	2.85	2.85	2.85	2.85	2.83	2.85	2.85	2.85	2.85	2.83	HIGH
V	AMCO51	2.85	2.85	2.85	2.85	2.83	2.85	2.85	2.85	2.85	2.83	HIGH
V	AMCO52	2.95	2.95	2.95	2.95	2.96	2.95	2.95	2.95	2.95	2.94	HIGH
V	AMCO53	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	HIGH
V	AMCO54	2.75	2.75	2.77	2.75	2.75	2.75	2.75	2.75	2.75	2.75	HIGH
V	AECO51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
VI	AMCO61	2.80	2.80	2.80	2.80	2.79	2.80	2.80	2.80	2.80	2.77	HIGH
VI	AMCO62	2.75	2.75	2.71	2.75	2.75	2.75	2.75	2.75	2.75	2.75	HIGH
VI	AMCO63	2.85	2.85	2.88	2.85	2.85	2.85	2.85	2.85	2.85	2.85	HIGH
VI	AMCO64	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	HIGH
VI	AECO6A	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF COMMERCE**

**Attainment of PO and CO**

**M.Com - 2021-2023 Batch**  
**Number of Students: 29**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Seminar	External Test
I	ZKCM12	Advanced Statistics	29	29	29	29	29	29
I	ZKCM13	Management Concept and Organizational Behaviour	29	29	29	29	29	29
I	ZKCM14	Insurance and Risk Management	29	29	29	29	29	29
I	ZKCM15	International Business	29	29	29	29	29	29
II	ZKCM21	Advanced Financial Management	29	29	29	29	29	29
II	ZKCM22	Quantitative Techniques	29	29	29	29	29	29
II	ZKCM23	Corporate Legal Framework	29	29	29	29	29	29
II	ZKCM24	Enterprise Resource Planning	29	29	29	29	29	29
II	ZKCM25	Corporate Social Responsibility	29	29	29	29	29	29
II	ZKCE23	Customer Relationship Management	29	29	29	29	29	29
II	ZKCE23	Customer Relationship Management	29	29	29	29	29	29
III	ZKCM31	Advanced Corporate Accounting	29	29	29	29	29	29
III	ZKCM32	Taxation and Tax Planning	29	29	29	29	29	29
III	ZKCM33	Human Resource Management	29	29	29	29	29	29
III	ZKCL31	Computerized Accounting with Tally – Practicals	29	-	-	-	-	29
III	ZKCM34	Business Research Methods	29	29	29	29	29	29
III	ZKCE31	Consumer Rights Education	29	29	29	29	29	29
IV	ZKCM41	Applied Costing	29	29	29	29	29	29
IV	ZKCM42	Indirect Taxation	29	29	29	29	29	29
IV	ZKCM43	E-Commerce	29	29	29	29	29	29
IV	ZKCM44	Financial Markets and Institutions	29	29	29	29	29	29

- ❖ Students who have scored 8 and above out of 15 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment
- ❖ Students who have scored 3 and above out of 5 in the participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	ZKCM12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
I	ZKCM13	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
I	ZKCM14	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
I	ZKCM15	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	ZKCM21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	ZKCM22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	ZKCM23	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	ZKCM24	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	ZKCM25	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	ZKCE23	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	ZKCE23	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	ZKCM31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	ZKCM32	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	ZKCM33	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	ZKCL31	2.71	2.71	2.68	2.71	2.71	2.65	2.69	2.69	2.71	2.71	HIGH
III	ZKCM34	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	ZKCE31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	ZKCM41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	ZKCM42	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	ZKCM43	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	ZKCM44	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

**A.P.C.MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**DEPARTMENT OF COMMERCE**  
**Attainment of PO and CO**

**B.Com. II Batch - 2020-2023Batch**  
**Number of Students: 64**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	AMCO11	Financial Accounting-I	49	56	60	64	64	64
I	AMCO12	Business Organization	51	45	37	64	64	64
I	APCM11	Professional English	38	51	46	64	64	64
I	AACO11	Business Economics	33	48	54	64	64	64
II	AMCO21	Financial Accounting-II	42	37	59	64	64	64
II	AMCO22	Principles of Management	61	54	48	64	64	64
II	AACO21	Marketing	40	43	52	64	64	64
II	APCM21	Professional English	57	38	44	64	64	63
III	AMCO31	Advanced Financial Accounting-I	47	50	49	62	62	63
III	AMCO32	Business Statistics	35	62	58	62	62	63
III	AMCO33	Banking	53	59	60	62	62	63
III	AMCO34	Human Resource Management	48	47	54	62	62	63
III	AACO31	Company Organization	38	42	59	62	62	63
IV	AMCO41	Advanced Financial Accounting-II	54	48	47	62	62	56
IV	AMCO42	Business Mathematics	54	46	51	62	62	59
IV	AMCO43	Capital Market	45	52	49	62	62	48
IV	AMCO44	Import & Export Procedure	42	35	60	62	62	55
V	AMCO51	Corporate Accounting-I	42	49	16	59	59	51
V	AMCO52	Cost Accounting	44	40	50	59	59	50
V	AMCO53	Business Law	41	53	56	59	59	45
V	AMCO54	Research Methodology	45	20	30	59	59	49
V	AECO51	Income Tax Law & Practices-I	55	54	55	59	59	58
VI	AMCO61	Corporate Accounting-II	51	36	25	59	59	49
VI	AMCO62	Management Accounting	16	48	32	59	59	48
VI	AMCO63	Industrial Law	21	54	59	59	59	59
VI	AMCO64	Auditing	33	52	54	59	59	58
VI	AECO6A	Income Tax Law & Practices-II	56	54	45	59	59	58

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment/ participative learning
- ❖ Students who have secured Grade B & above in the external exam



PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	AMCO11	2.85	2.86	2.84	2.85	2.85	2.85	2.86	2.84	2.85	2.85	High
I	AMCO12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	APCM11	2.89	2.90	2.92	2.92	2.92	2.89	2.88	2.92	2.91	2.91	High
I	AACO11	2.85	2.85	2.83	2.84	2.85	2.83	2.85	2.85	2.84	2.85	High
II	AMCO21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMCO22	2.90	2.90	2.92	2.90	2.91	2.90	2.90	2.91	2.90	2.91	High
II	AACO21	2.90	2.92	2.88	2.90	2.88	2.90	2.90	2.92	2.92	2.92	High
II	APCM21	2.90	2.90	2.92	2.93	2.90	2.94	2.90	2.90	2.93	2.90	High
III	AMCO31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCO32	2.90	2.90	2.90	2.90	2.92	2.90	2.90	2.90	2.90	2.90	High
III	AMCO33	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCO34	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AACO31	2.90	2.92	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	High
IV	AMCO41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMCO42	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMCO43	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMCO44	2.85	2.85	2.85	2.85	2.83	2.85	2.85	2.85	2.85	2.85	High
V	AMCO51	2.85	2.85	2.85	2.85	2.83	2.85	2.85	2.85	2.85	2.83	High
V	AMCO52	2.95	2.95	2.95	2.95	2.96	2.95	2.95	2.95	2.95	2.94	High
V	AMCO53	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.00	Moderate
V	AMCO54	2.75	2.75	2.77	2.75	2.75	2.75	2.75	2.75	2.75	2.75	High
V	AECO51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMCO61	2.80	2.80	2.80	2.80	2.79	2.80	2.80	2.80	2.80	2.77	High
VI	AMCO62	2.75	2.75	2.71	2.75	2.75	2.75	2.75	2.75	2.75	2.75	High
VI	AMCO63	3.00	3.00	2.00	3.00	3.00	2.00	2.00	2.00	2.00	2.00	Moderate
VI	AMCO64	2.50	3.00	2.00	3.00	2.00	3.00	3.00	2.00	2.00	2.00	Moderate
VI	AECO6A	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

## A.P.C.MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI

## PG &amp; RESEARCH DEPARTMENT OF COMMERCE

## Attainment of PO and CO

B.Com (III Batch) - 2020-2023 Batch

Number of Students: 64

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	AMCO11	Financial Accounting -I	64	64	64	64	64	64
I	AMCO12	Business Organisation	64	64	64	64	64	64
I	AACO11	Business Economics	64	64	64	64	64	64
I	APCM11	Professional English	64	64	64	64	64	64
II	AMCO21	Financial Accounting -II	64	64	64	64	64	64
II	AMCO22	Principles Of Management	64	64	64	64	64	64
II	APCM21	Professional English	64	64	64	64	64	64
II	AACO21	Marketing	64	64	64	64	64	64
III	AMCO31	Advanced Financial Accounting	61	61	61	61	61	61
III	AMCO32	Business Statistics	61	61	61	61	61	61
III	AMCO33	Banking	61	61	61	61	61	61
III	AMCO34	Human Resource Management	61	61	61	61	61	61
III	AACO31	Company Organisation	61	61	61	61	61	61
IV	AMCO41	Advanced Financial Accounting	61	40	62	61	61	48
IV	AMCO42	Business Mathematics	61	61	61	61	61	56
IV	AMCO43	Capital Market	58	40	39	61	61	51
IV	AMCO44	Import & Export Procedures	61	61	61	61	61	44
V	AMCO51	Corporate Accounting -I	10	19	32	61	61	56
V	AMCO52	Cost Accounting	52	37	56	61	61	58
V	AECO51	Income Tax Law & Practice - II	48	40	56	61	61	61
V	AMCO53	Business Law	54	61	58	61	61	46
V	AMCO54	Research Methodology	38	45	39	61	61	49
VI	AMCO61	Corporate Accounting -II	17	32	33	61	61	56
VI	AMCO62	Management Accounting	61	58	49	61	61	59
VI	AECO61	Income Tax Law & Practice - II	60	56	55	61	61	61
VI	AMCO63	Industrial Law	53	50	51	61	61	59
VI	AMCO64	Auditing	48	42	44	61	61	46

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment/participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	AMCO11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
I	AMCO12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
I	AACO11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
I	APCM11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	AMCO21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	AMCO22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	APCM21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
II	AACO21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	AMCO31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	AMCO32	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	AMCO33	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	AMCO34	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
III	AACO31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	AMCO41	2.9	2.9	2.9	2.9	2.88	2.9	2.9	2.9	2.9	2.88	HIGH
IV	AMCO42	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	AMCO43	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
IV	AMCO44	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
V	AMCO51	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7	HIGH
V	AMCO52	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.83	HIGH
V	AECO51	2.95	2.95	2.95	2.95	2.96	2.95	2.95	2.95	2.95	2.94	HIGH
V	AMCO53	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
V	AMCO54	2.95	2.95	2.94	2.95	2.95	2.95	2.95	2.95	2.95	2.95	HIGH
VI	AMCO61	2.75	2.75	2.75	2.75	2.81	2.75	2.75	2.75	2.75	2.8	HIGH
VI	AMCO62	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
VI	AECO61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	HIGH
VI	AMCO63	3.00	4.50	3.00	2.00	4.50	4.50	3.00	4.50	3.00	3.00	HIGH
VI	AMCO64	3.00	3.00	2.00	3.00	2.00	3.00	3.00	2.00	2.00	2.00	HIGH

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

## Report

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**P.G. & RESEARCH DEPARTMENT OF COMMERCE**  
**PO-CO ATTAINMENT REPORT**

The department conducted an analysis on the attainment of Programme Outcomes (POs) and Course Outcomes (COs) based on the marks obtained by both UG and PG students in external examination, continuous internal assessment, assignments, and seminar evaluation. The analysis revealed that the most of the students scored a 'high' attainment level in their subject papers. To achieve the high attainment level the following teaching practices were followed:

- Students were asked to enroll in certification courses offered by recognized institutions.
- Interaction programmes with companies and industries were conducted where students were offered internships and projects.
- Students were encouraged to take part in an internship programme either in the V or VI semester.
- Interactive classroom sessions were adopted to increase communication skills and build confidence.
- Competitions were held under professional chapters.

In Commerce Batch II, the following courses attained the level "Moderate"

- Business Law
- Industrial Law
- Auditing

To increase the attainment level of above said courses, faculty members are required to offer personalized attention and coaching sessions to students. They will provide study materials such as concise notes and previous years' university exam question papers for review.

*S. Vanitha*

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*T. Lilly Golda*

**IQAC Coordinator**  
**A.P.C. Mahalaxmi College for Women**  
**Thoothukudi - 628 002**

## PG &amp; Research Department of Chemistry

## Calculation of Attainment

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF CHEMISTRY**  
**Attainment of PO and CO**

**B.Sc. Chemistry - 2020-2023 Batch**

**Number of Students: 48**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	AMCH11	Physical Chemistry –I	48	48	48	48	48	47
I	APPSS1	Professional English physical science-I	48	48	48	48	48	47
I	AMCHP1	Inorganic Quantitative analysis-I	48	48	-	48	48	47
II	APPSS2	Professional English physical science-II	46	46	46	46	46	46
II	AMCH21	Inorganic chemistry-I	46	46	46	46	46	46
II	AMCHP2	Inorganic Quantitative analysis-II	46	46	-	46	46	46
III	AMCH31	Organic Chemistry – II	46	46	46	46	46	46
III	ASCH31	Agro chemistry	46	46	46	46	46	46
III	AMCHP3	Inorganic qualitative analysis	46	46	46	46	46	46
IV	AMCH41	Organic Chemistry – II	46	43	41	46	46	46
IV	ASCH41	Chemistry in medicine	46	42	37	46	46	46
IV	AMCHP4	Physical Constant Determination	46	46	46	46	46	46
V	AMCH53	Organic Chemistry – III	39	39	44	46	46	39
V	AMCH52	Physical Chemistry – II	45	44	37	46	46	44
V	AMCH51	Inorganic Chemistry-III	40	43	40	46	46	39
V	AECH51	Polymer Chemistry	40	43	42	46	46	42
V	AMCHP5	Organic Analysis	46	46	46	46	46	46
V	AMCHP6	Gravimetric estimation inorganic preparation	46	46	46	46	46	46
VI	AMCH63	Organic Chemistry - IV	41	41	37	46	46	41
VI	AMCH62	Physical Chemistry – III	39	44	30	46	46	44
VI	AMCH61	Inorganic Chemistry–III	44	42	36	46	46	45
VI	AECH62	Nano Chemistry	37	41	42	46	46	46

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment/participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	AMCH11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	APPSS1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AMCHP1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	APPSS2	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMCH21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMCHP2	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCH31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ASCH31	2.80	2.75	2.86	2.75	2.82	2.80	2.88	2.80	2.75	2.73	High
III	AMCHP3	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMCH41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ASCH41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMCHP4	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMCH53	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMCH52	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMCH51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AECH51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMCHP5	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMCHP6	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMCH63	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMCH62	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMCH61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AECH62	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF CHEMISTRY**  
**Attainment of PO and CO**

**M.Sc. Chemistry – 2021-2023 Batch**

**Number of Students: 18**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Seminar	External Test
I	ZCHM11	Aromaticity and Organic Reaction Mechanism	16	16	16	16	16	16
I	ZCHM12	Fundamentals of Inorganic Chemistry	16	16	16	16	16	16
I	ZCHM13	Quantum Mechanics and Spectroscopy	16	16	16	16	16	16
I	ZCHE12	Chemistry of Industrial Products and Formulation	16	16	16	16	16	15
II	ZCHM21	Stereochemistry, Organic Reagents and Photochemistry	15	15	15	15	15	11
II	ZCHM22	Coordination Compounds and Solid State Chemistry	15	15	15	15	15	10
II	ZCHM23	Electrochemistry and Spectroscopy - II	15	15	15	15	15	10
III	ZCHM31	Organic Spectroscopy and Rearrangements	12	14	12	15	15	13
III	ZCHM32	Spectral Methods-I, Organo Metallic and Analytical Methods	11	9	13	15	15	12
III	ZCHM33	Group Theory and Chemical Thermodynamics	14	12	15	15	15	11
III	ZCHM34	Scientific Research Methodology	12	13	14	15	15	15
IV	ZCHM41	Synthetic Strategies in Organic Chemistry	14	13	10	14	15	14
IV	ZCHM42	Bioinorganic, Spectral Methods-II and Photochemistry	12	14	13	14	15	6
IV	ZCHM43	Chemical Kinetics, Photochemistry and Surface Chemistry	11	14	14	14	15	10
IV	ZCHM44	Selected Topics in Chemistry	14	11	14	15	15	10
IV	ZCHL41	Computational Software in Chemistry	14	14	14	15	15	14

- ❖ Students who have scored 8 and above out of 15 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment
- ❖ Students who have scored 3 and above out of 5 in the participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Sub. Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	ZCHM11	2.90	2.90	2.92	2.88	2.90	2.90	2.92	2.90	2.90	2.92	High
I	ZCHM12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZCHM13	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZCHE12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZCHM21	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Moderate
II	ZCHM22	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Moderate
II	ZCHM23	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Moderate
III	ZCHM31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZCHM32	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	High
III	ZCHM33	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZCHM34	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ZCHM41	2.95	2.95	2.94	2.94	2.95	2.95	2.94	2.94	2.94	2.94	High
IV	ZCHM42	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	Poor
IV	ZCHM43	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Moderate
IV	ZCHM44	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Moderate
IV	ZCHL41	3	3	3	3	3	3	3	3	3	3	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor



## Report

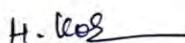
**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI****PG & RESEARCH DEPARTMENT OF CHEMISTRY****PO-CO ATTAINMENT REPORT**

The Course Outcomes (COs) & Programme Outcomes (POs) are well-defined and mapped in the university syllabus. Evaluation methods such as Continuous Internal Assessment (CIA), assignments, seminars are used to assess the students' performance. The external evaluation is carried out by the university. Based on their academic performance an analysis was conducted. Most of the students achieved a "high" attainment level in their subject papers. The teachers were asked to increase the target percentage of subject papers which received a moderate level of attainment by adapting different teaching methods like peer-assisted learning and model-making. Students were given assignments and quizzes to get a better understanding of the subject. Besides all students are motivated to participate and present research articles in national and international seminars, workshops, and conferences.

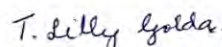
The students secured Moderate and poor attainment level in the following subjects:

- ZCHM21 Stereochemistry, Organic Reagents and Photochemistry
- ZCHM22 Coordination Compounds and Solid State Chemistry
- ZCHM23 Electrochemistry and Spectroscopy - II
- ZCHM42 Bioinorganic, Spectral Methods-II and Photochemistry
- ZCHM43 Chemical Kinetics, Photochemistry and Surface Chemistry
- ZCHM44 Selected Topics in Chemistry

To improve the level of attainment of the above said courses, faculty are insisted to provide special attention and coaching classes to the students. Simple notes and previous years' university exam question papers will be given for revision.



Dr. H. KOHILA SUBATHRA CHRISTY  
Head & Assistant Professor of Chemistry  
A.P.C. Mahalaxmi College for Women  
Thoothukudi



**IQAC Coordinator**  
A.P.C. Mahalaxmi College for Women  
Thoothukudi - 628 002

## PG Department of Computer Science

## Calculation of Attainment

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG DEPARTMENT OF COMPUTER SCIENCE**  
**Attainment of PO and CO**

**B.Sc. Computer Science - 2020-2023 Batch**

**Number of Students: 47**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	AMCS11	Programming in C	44	12	19	41	41	32
I	AMCSP1	Programming in C Lab	47	47	47	47	47	47
I	AACS11	Discrete Mathematics	35	31	30	41	41	38
II	AMCS21	Programming in C++	44	44	39	47	47	47
II	AMCSP2	Programming in C++ Lab	47	47	47	47	47	47
II	APPS21	Professional English for Physical Science-II	47	47	47	47	47	47
II	AACSP1	Linux Lab	47	47	47	47	47	47
III	AMCS31	Java Programming	43	46	45	47	47	46
III	AMCS32	Digital Design	46	42	46	47	47	46
III	AMCSP3	Java Programming Lab	46	46	46	47	47	46
III	AACS31	Scripting Language	46	46	46	47	47	46
III	ASCS31	Big Data Analytics	46	46	46	47	47	46
IV	AMCS41	Data Structure	32	30	28	47	47	46
IV	AMCS42	Computer Architecture	40	35	25	47	47	46
IV	AMCSP4	Data Structure and Python	46	46	46	47	47	46
IV	ASCS41	Multimedia Applications	40	35	30	47	47	46
IV	AACS41	Machine Learning	25	30	35	47	47	46
V	AMCS51	Management System	25	34	22	46	46	45
V	AMCS52	Data Communication a	18	27	24	46	46	42
V	AMCS53	PHP &MySQL	44	30	32	26	26	44
V	AECS53	Cloud Computing	20	22	25	46	46	46
VI	AMCS61	Operating System	43	41	40	46	46	46
VI	AMCS62	Software Engineering	32	13	31	46	46	45
VI	AMCS63	Graphics and Visualization	15	22	37	46	46	46
VI	AMCS64	Digital Image Processing	27	25	46	46	46	46
VI	AMCSP7	Computer Graphics Lab	46	46	46	46	46	46

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment/participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	AMCS11	1.94	1.93	1.94	2.00	1.98	1.94	1.90	1.94	1.93	1.94	Moderate
I	AMCSP1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AACS11	2.90	2.90	2.89	2.92	2.92	2.91	2.89	2.89	2.89	2.89	High
II	AMCS21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMCSP2	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	APPS21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AACSP1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCS31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCS32	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMCSP3	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AACS31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ASCS31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMCS41	2.5	2.5	2.48	2.62	2.62	2.52	2.48	2.51	2.59	2.59	High
IV	AMCS42	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Moderate
IV	AMCSP4	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ASCS41	2.95	2.96	2.93	2.95	2.95	2.95	2.95	2.93	2.94	2.94	High
IV	AACS41	2.85	2.85	2.85	2.85	2.87	2.840	2.82	2.83	2.846	2.86	High
V	AMCS51	2.75	2.73	2.71	2.79	2.79	2.78	2.71	2.75	2.79	2.77	High
V	AMCS52	2.60	2.62	2.63	2.70	2.71	2.60	2.60	2.69	2.69	2.68	High
V	AMCS53	2.81	2.791	2.82	2.79	2.79	2.79	2.80	2.82	2.81	2.77	High
V	AECS53	2.54	2.56	2.59	2.66	2.66	2.57	2.53	2.57	2.63	2.63	High
VI	AMCS61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMCS62	2.62	2.68	2.68	2.75	2.75	2.65	2.65	2.71	2.71	2.72	High
VI	AMCS63	2.62	2.68	2.68	2.7	2.75	2.65	2.65	2.7	2.75	2.72	High
VI	AMCS64	2.75	2.79	2.80	2.83	2.83	2.77	2.76	2.8	2.83	2.82	High
VI	AMCSP7	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG DEPARTMENT OF COMPUTER SCIENCE**  
**Attainment of PO and CO**

**M.Sc. Computer Science - 2021-2023 Batch**

**Number of Students: 22**

Seme ster	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assign ment	Seminar	External Test
I	ZCSM12	Advance Java Programming	20	19	20	22	22	22
I	ZCSM11	Design and Analysis of Algorithms	19	18	20	22	22	22
I	ZCSL12	Advance Java Lab	22	22	22	22	22	22
I	ZCSL11	Design and Analysis of Algorithm	22	22	22	22	22	22
I	ZCSM13	Mathematical Foundation for Computer Science	20	17	18	22	22	22
I	ZCSM14	Compiler Design	22	22	22	22	22	22
I	ZCSM15	Distributed Operating System	22	22	22	22	22	22
II	ZCSE22	Data Mining	18	17	20	22	22	22
II	ZCSL21	Web Technology lab	22	22	22	22	22	22
II	ZCSL22	Machine Learning Lab	22	22	22	22	22	22
II	ZCSM21	Web Technology	22	22	22	22	22	22
II	ZCSM22	Machine Learning	20	19	21	22	22	22
II	ZCSM23	Advanced DBMS	9	13	14	22	22	22
II	ZCSM24	Cryptography and Network Security	20	22	13	22	22	22
III	ZCSM31	Digital Image Processing	18	9	20	22	22	22
III	ZCSM32	Soft computing	15	12	18	22	22	22
III	ZCSM33	Advanced computer Network	16	10	17	22	22	22
III	ZCSM34	Research Methodology	19	10	8	2	22	22
III	ZCSL31	DIP Lab	22	22	22	22	22	22
III	ZCSP31	Mini project	22	22	22	22	22	22
IV	ZCS4P	Major Project	22	22	22	22	22	22

- ❖ Students who have scored 8 and above out of 15 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment
- ❖ Students who have scored 3 and above out of 5 in the participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	ZCSM12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZCSM11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZCSL12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZCSL11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZCSM13	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZCSM14	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	ZCSM15	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZCSE22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZCSL21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZCSL22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZCSM21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZCSM22	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	ZCSM23	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7273	2.7	2.7	High
II	ZCSM24	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9091	2.9	2.9	High
III	ZCSM31	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.8636	2.85	2.85	High
III	ZCSM32	2.81	2.83	2.86	2.87	2.87	2.81	2.83	2.85	2.85	2.86	High
III	ZCSM33	2.75	2.77	2.83	2.83	2.83	2.75	2.77	2.79	2.79	2.82	High
III	ZCSM34	2.56	2.5	2.6	2.56	2.56	2.56	2.54	2.54	2.54	2.52	High
III	ZCSL31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ZCSP31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ZCS4P	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

**Report****A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI****PG Department of Computer Science****PO-CO Attainment Report**

The Course Outcomes and Programme Outcomes are achieved in accordance with the curriculum. To attain these different methods were adopted to evaluate the understanding of every student. Every student is evaluated internally through internal test, assignment, seminars and many other participatory learning techniques. They are evaluated externally by the University. The attainment level of every student is found to be “High”. To motivate the students to retain in the same level and to enhance their subject knowledge the following decisions were made:

- ❖ To conduct Participatory learning approaches like seminar, group discussion, quiz, presentation etc frequently.
- ❖ To share links of Video lectures by different subject experts with the students.
- ❖ To encourage the students to create a unitwise one mark question bank.
- ❖ To use peer teaching method.
- ❖ To implement flip classroom strategies.
- ❖ To go through previous year question papers.



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**PG & Research Department of Mathematics**  
**Calculation of Attainment**

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**Attainment of PO and CO**

**B.Sc. Mathematics – 2020-2023 Batch**  
**Number of Students: 31**

Sem	Subject Code	Subject Name	Number of students who have score 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	APPS11	Professional English for Physical Sciences-I	31	31	31	31	31	31
I	AMMA11	Calculus and Classical Algebra	31	31	31	31	31	31
II	APPS21	Professional English for Physical Sciences-II	31	31	31	31	31	31
II	AMMA21	Differential equations and Analytical Geometry of Three Dimensions	31	31	31	31	31	31
III	ASMA31	Vector Calculus	31	31	31	31	31	30
III	AAST11	Statistics-I	31	31	31	31	31	31
III	AMMA31	Sequences and Series	31	31	31	31	31	31
IV	ASMA41	Trigonometry , Laplace Transforms	30	25	27	31	31	26
IV	AAST21	Statistics-II	29	31	31	31	31	31
IV	AMMA41	Abstract Algebra	31	28	30	31	31	31
V	AEMA54	Operations Research-I	31	29	31	31	31	31
V	AEMA53	Combinatorial Mathematics	31	31	31	31	31	31
V	AEMA54	Transforms and their Applications	31	31	28	31	31	29
V	AMMA53	Statics	31	31	30	31	31	30
V	AMMA52	Real Analysis-II	26	27	29	31	31	30
V	AMMA51	Linear Algebra	28	28	30	31	31	27
VI	AEMA62	Fuzzy Mathematics	29	27	27	31	31	30
VI	AMMA65	Numerical Methods	31	29	30	31	31	31
VI	AMMA64	Dynamics	25	27	30	31	31	30
VI	AMMA63	Number Theory	31	30	28	31	31	31
VI	AMMA62	Graph Theory	29	29	28	31	31	31
VI	AMMA61	Complex Analysis	30	27	30	31	31	28

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment/ participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	APPS11	3	3	3	3	3	3	3	3	3	3	High
I	AMMA11	3	3	3	3	3	3	3	3	3	3	High
II	APPS21	3	3	3	3	3	3	3	3	3	3	High
II	AMMA21	3	3	3	3	3	3	3	3	3	3	High
III	ASMA31	3	3	3	3	3	3	3	3	3	3	High
III	AAST11	3	3	3	3	3	3	3	3	3	3	High
III	AMMA31	3	3	3	3	3	3	3	3	3	3	High
IV	ASMA41	3	3	3	3	3	3	3	3	3	3	High
IV	AAST21	3	3	3	3	3	3	3	3	3	3	High
IV	AMMA41	3	3	3	3	3	3	3	3	3	3	High
V	AEMA54	3	3	3	3	3	3	3	3	3	3	High
V	AEMA53	3	3	3	3	3	3	3	3	3	3	High
V	AEMA54	3	3	3	3	3	3	3	3	3	3	High
V	AMMA53	3	3	3	3	3	3	3	3	3	3	High
V	AMMA52	3	3	3	3	3	3	3	3	3	3	High
V	AMMA51	3	3	3	3	3	3	3	3	3	3	High
VI	AEMA62	3	3	3	3	3	3	3	3	3	3	High
VI	AMMA65	3	3	3	3	3	3	3	3	3	3	High
VI	AMMA64	3	3	3	3	3	3	3	3	3	3	High
VI	AMMA63	3	3	3	3	3	3	3	3	3	3	High
VI	AMMA62	3	3	3	3	3	3	3	3	3	3	High
VI	AMMA61	3	3	3	3	3	3	3	3	3	3	High



**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**Attainment of PO and CO**

**M.Sc. Mathematics – 2021-2023 Batch**

**Number of Students: 22**

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Seminar	External Test
I	ZMAM15	Ordinary Differential Equations	22	22	22	22	22	22
I	ZMAM14	Operations Research	22	22	22	22	22	22
I	ZMAM13	Analytic Number Theory	22	22	20	22	22	22
I	ZMAM12	Analysis-I	22	22	22	22	22	22
I	ZMAM11	Algebra-I	22	22	22	22	22	22
II	ZMAE23	Python Programming Theory	22	20	21	22	22	22
II	ZMAM25	Research Methodology & Statistics	21	22	22	22	22	22
II	ZMAM24	Differential Geometry	22	21	22	22	22	22
II	ZMAM23	Advanced Calculus	22	21	22	22	22	22
II	ZMAM22	Analysis-II	22	22	22	22	22	22
II	ZMAM21	Algebra-II	22	21	22	22	22	22
III	ZMAM34	Topology-I	21	22	22	22	22	22
III	ZMAM33	Measure and Integration	22	22	22	22	22	22
III	ZMAM32	Graph Theory	20	21	22	22	22	22
III	ZMAM31	Advanced Algebra-I	22	22	22	22	22	22
IV	ZMAM44	Topology-II	16	21	18	22	22	22
IV	ZMAM43	Functional Analysis	20	21	22	22	22	21
IV	ZMAM42	Complex Analysis	20	21	22	22	22	21
IV	ZMAM41	Advanced Algebra-II	22	20	22	22	22	22

- ❖ Students who have scored 8 and above out of 15 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment
- ❖ Students who have scored 3 and above out of 5 in the participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Sub.Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	ZMAM15	3	3	3	3	3	3	3	3	3	3	High
I	ZMAM14	3	3	3	3	3	3	3	3	3	3	High
I	ZMAM13	3	3	3	3	3	3	3	3	3	3	High
I	ZMAM12	3	3	3	3	3	3	3	3	3	3	High
I	ZMAM11	3	3	3	3	3	3	3	3	3	3	High
II	ZMAE23	3	3	3	3	3	3	3	3	3	3	High
II	ZMAM25	3	3	3	3	3	3	3	3	3	3	High
II	ZMAM24	3	3	3	3	3	3	3	3	3	3	High
II	ZMAM23	3	3	3	3	3	3	3	3	3	3	High
II	ZMAM22	3	3	3	3	3	3	3	3	3	3	High
II	ZMAM21	3	3	3	3	3	3	3	3	3	3	High
III	ZMAM34	3	3	3	3	3	3	3	3	3	3	High
III	ZMAM33	3	3	3	3	3	3	3	3	3	3	High
III	ZMAM32	3	3	3	3	3	3	3	3	3	3	High
III	ZMAM31	3	3	3	3	3	3	3	3	3	3	High
IV	ZMAM44	3	3	3	3	3	3	3	3	3	3	High
IV	ZMAM43	3	3	3	3	3	3	3	3	3	3	High
IV	ZMAM42	3	3	3	3	3	3	3	3	3	3	High
IV	ZMAM41	3	3	3	3	3	3	3	3	3	3	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

## Report

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**PO-CO Attainment Report**

The achievement of Course Outcomes (COs) and Programme Outcomes (POs) is facilitated through our comprehensive syllabus by the University. Each course delineates specific outcomes that are meticulously mapped and evaluated using diverse assessment methods. External evaluation is conducted by the university to ensure academic level. An analysis was conducted by the department to assess the attainment of programme outcomes and course outcomes, utilizing the performance data of both undergraduate and postgraduate students.

Notably, all students have excelled, attaining the highest marks and earning the distinction of “High”. These individuals are encouraged to remain current, while faculty members are tasked with establishing elevated target or achievement levels for the upcoming academic year. Moreover, our approach integrates conducting quiz, model and poster making, peer assisted learning and other learning methods to facilitate self-monitoring and proactive engagement in their educational journey.

Furthermore, students are motivated to actively participate in presenting and discussing key curriculum topics, fostering both deepened subjects understanding and enhanced public speaking proficiency. High-achieving students in the PG programme are motivated to engage in SET/NET exam and competitive exam preparation and to explore review and research articles.

  
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## Department of Mathematics (Unaided)

## Calculation of Attainment

## A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI

## DEPARTMENT OF MATHEMATICS (UNAIDED)

## Attainment of PO and CO

## B.S Mathematics (Unaided) - 2020-2023 Batch

Number of Students: 25

Sem	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	APPS11	Professional English I	25	25	25	25	25	25
I	AMMA11	Calculus & Classical Algebra	25	25	25	25	25	25
II	APPS21	Professional English II	24	24	24	24	24	24
II	AMMA21	Differential Equation and Analytical Geometry of 3D	24	24	24	24	24	24
III	AAST11	Statistics I	23	20	22	23	23	23
III	ASMA31	Vector Calculus	23	23	23	23	23	23
III	AMMA31	Sequence & Series	23	23	23	23	23	23
IV	AAST21	Statistics II	19	18	20	22	22	21
IV	ASMA41	Trigonometry, Laplace Transforms & Fourier Series	21	21	20	22	22	16
IV	AMMA41	Abstract Algebra	22	22	22	22	22	22
V	AEMA54	Operations Research-I	22	20	20	22	22	22
V	AEMA53	Combinatorial Mathematics	21	20	18	22	22	22
V	AMMA54	Z-Transforms and its Applications	20	18	19	22	22	22
V	AMMA53	Statics	22	22	21	22	22	22
V	AMMA52	Real Analysis	20	18	21	22	22	20
V	AMMA51	Linear Algebra	20	17	19	22	22	22
VI	AEMA62	Fuzzy Mathematics	22	21	20	22	22	22
VI	AMMA65	Numerical Methods	22	19	18	22	22	22
VI	AMMA64	Dynamics	22	22	21	22	22	22
VI	AMMA63	Number Theory	21	20	22	22	22	21
VI	AMMA62	Graph Theory	22	19	18	22	22	20
VI	AMMA61	Complex Analysis	20	19	17	22	22	22

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment/participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	APPS11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AMMA11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	APPS21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMMA21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AAST11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ASMA31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMMA31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AAST21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ASMA41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMMA41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AEMA54	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AEMA53	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMMA54	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMMA53	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMMA52	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMMA51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AEMA62	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMMA65	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMMA64	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMMA63	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMMA62	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMMA61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

## Report

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**DEPARTMENT OF MATHEMATICS (UA)**  
**PO-CO Attainment Report**

The Course Outcomes (COs) & Programme Outcomes (POs) are attained through curriculum. For each course, outcomes are defined and they are mapped. Online quiz, Continuous internal assessment, creative and quality assignments, seminars and class assessment are the different evaluation methods used to assess the student's performance. The external evaluation is carried out by the university. Based on the academic performance results, actions are taken to improve their grades.

- Everyone attained the highest mark and all courses belong to the "High" category.
- Students deliver regular seminar in the presence of teachers and all students in the seminar class every week, in order to develop their communication skill and acquaint them for blackboard and power point presentation.
- We involved them in peer teaching learning process, model and poster presentation to enhance their understandability and some game-based activities.

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## Department of Physics

## Calculation of Attainment

## A.P.C.MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI

## DEPARTMENT OF PHYSICS

## Attainment of PO and CO

B.Sc. Physics - 2020-2023 Batch

Number of Students: 27

Seme ster	Subject Code	Subject Name	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assign ment	Participati ve Learning	External Test
I	AMPH11	PROPERTIES OF MATTER & MECHANICS	27	27	27	27	27	27
I	APPS11	PROFESSIONAL ENGLISH FOR PHYSICAL SCIENCES	27	27	27	27	27	27
I	AMPHP1	PRACTICAL-I	27	0	0	27	27	27
II	AMPH21	OPTICS & THERMAL PHYSICS	27	27	27	27	27	27
II	APPS21	PROFESSIONAL ENGLISH FOR PHYSICAL SCIENCES	27	27	27	27	27	27
II	AMPHP2	PRACTICAL-II	27	0	0	27	27	27
III	AMPH21	ELECTRICITY	27	27	27	27	27	27
III	ASPH31	MAINTANANCE OF ELECTRICAL APPLIANCES	27	27	27	27	27	27
III	AMPHP3	PRACTICAL-III	27	0	0	27	27	27
IV	AMPH41	ELECTROMAGNETISM	24	24	18	26	26	23
IV	ASPH41	MAINTANANCE OF ELECTRONIC APPLIANCES	23	22	22	26	26	22
IV	AMPHP3	PRACTICAL-IV	26	0	0	26	26	26
V	AMPH51	BASIC ELECTRONICS	26	26	8	26	26	22
V	AMPH52	SPECTROSCOPY	26	22	18	26	26	24
V	AMPH53	ATOMIC & NUCLEAR PHYSICS	26	26	8	26	26	26
V	AEPH52	COMMUNICATION ELECTRONICS	26	23	20	26	26	23
VI	AMPH61	QUANTUM MECHANICS	25	25	24	26	26	26
VI	AMPH62	DIGITAL ELECTRONICS	26	19	19	26	26	24
VI	AMPH63	SOLID STATE PHYSICS	18	25	25	26	26	22
VI	AEPH61	ENERGY PHYSICS	25	25	20	26	26	26

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment/participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	AMPH11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	APPS11	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
I	AMPHP1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMPH21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	APPS21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AMPHP2	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMPH21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	ASPH31	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMPHP3	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMPH41	2.94	2.96	2.93	2.93	2.97	2.97	2.96	2.94	2.96	2.93	High
IV	ASPH41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AMPHP3	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMPH51	2.88	2.93	2.88	2.81	2.78	2.85	2.81	2.86	2.94	2.81	High
V	AMPH52	2.94	2.95	2.93	2.95	2.94	2.95	2.94	2.97	2.95	2.94	High
V	AMPH53	2.88	2.93	2.88	2.81	2.78	2.85	2.81	2.86	2.94	2.81	High
V	AEPH52	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMPH61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMPH62	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMPH63	2.94	2.96	2.95	2.95	2.92	2.94	2.96	2.95	2.97	2.94	High
VI	AEPH61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High

Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor



## Report

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**DEPARTMENT OF PHYSICS**  
**PO-CO Attainment Report**

The evaluation of Course Outcomes (COs) and Programme Outcomes (POs) is conducted using the curriculum as a framework. For each course, outcomes are defined and mapped through different evaluation methods like internal test performance, assignment excellence, seminar delivery and external evaluation marks. Every student excelled with a “High” attainment level in their subject papers. The high achievers are encouraged to stay up to date.

Participatory learning approach has been followed frequently so that learners involved as active participants in the classroom. Group discussions, tutorials and assignments were given to students for better way of learning. Coaching classes were offered to weak students and peer assisted learning method were also given to them to improve the learning aspect and thereby achieve the course outcome. Important questions from previous year question papers were given to the students for learning. Students were encouraged to prepare models and charts for corresponding subjects. Faculty members provide key points for difficult courses to learn the subjects more easily. Through implementation of above said teaching methods every students were excelled with high attainment level.

The faculty members are tasked with establishing elevated goals or attainment standards for the upcoming academic year.

  
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**Department of Zoology**  
**Calculation of Attainment**

**A.P.C.MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**DEPARTMENT OF ZOOLOGY**  
**Attainment of PO and CO**

**B.Sc. Zoology - 2020-2023 Batch**  
**Number of Students: 46**

Sem	Sub. Code	Subject	Number of students who have scored 50% marks and above					
			Internal Test 1	Internal Test 2	Internal Test 3	Assignment	Participative Learning	External Test
I	AMZO11	Invertebrata	46	45	43	46	46	46
I	APLS11	Professional English	47	46	45	46	46	46
I	AABO11	Allied Botany	46	45	46	46	46	46
II	AMZO21	Chordata	43	45	40	46	46	46
II	APLS21	Professional English II	42	44	45	46	46	46
II	AABO21	Allied Botany	42	46	44	46	46	46
III	AMZO31	Cell Biology and Biochemistry	41	42	40	44	44	44
III	ASZO32	Nutrition and Dietetics	38	40	41	44	44	44
III	AACH21	Allied Chemistry	37	38	41	44	44	44
IV	AMZO41	Genetics	40	41	39	44	44	39
IV	ASZO42	Vermitechnology	41	39	40	44	44	38
IV	AACH21	Allied Chemistry	39	38	37	44	44	41
V	AMZO51	Ecology Toxicology	42	42	42	43	43	43
V	AMZO52	Genetics	25	42	41	43	43	42
V	AMZO53	Animal Physiology	41	42	40	43	43	40
V	AAZO54	Immunology and Microbiology	41	42	41	42	42	43
V	ACSB51	Personality Development	42	42	42	43	43	43
VI	AMZO61	Evolution	38	35	39	43	43	42
VI	AMZO62	Animal Biotechnology	40	40	41	43	43	40
VI	AMZO63	Biostatistics, Computer Applications	41	41	40	43	43	40
VI	AEZO61	Sericulture	34	42	36	43	43	40
VI	AEZO64	Apiculture	41	43	34	43	43	38

- ❖ Students who have scored 10 and above out of 20 in the internal test
- ❖ Students who have scored 3 and above out of 5 in the assignment/participative learning
- ❖ Students who have secured Grade B & above in the external exam

PO - CO Attainment												
Sem	Subject Code	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Attainment
I	AMZO11	2.65	2.65	2.63	2.69	2.69	2.61	2.62	2.63	2.69	2.68	High
I	APLS11	2.90	2.92	2.89	2.90	2.90	2.91	2.90	2.90	2.88	2.91	High
I	AABO11	2.73	2.75	2.73	2.75	2.75	2.73	2.75	2.73	2.75	2.77	High
II	AMZO21	2.63	2.65	2.65	2.65	2.68	2.61	2.65	2.65	2.62	2.68	High
II	APLS21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
II	AABO21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
III	AMZO31	2.58	2.65	2.63	2.69	2.69	2.61	2.62	2.63	2.69	2.68	High
III	ASZO32	2.90	2.92	2.89	2.90	2.90	2.91	2.90	2.90	2.88	2.91	High
III	AACH21	2.73	2.75	2.73	2.75	2.75	2.73	2.75	2.73	2.75	2.77	High
IV	AMZO41	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	ASZO42	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
IV	AACH21	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AMZO51	2.81	2.81	2.83	2.77	2.77	2.80	2.83	2.80	2.77	2.82	High
V	AMZO52	2.88	2.88	2.84	2.81	2.81	2.86	2.88	2.85	2.84	2.86	High
V	AMZO53	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	AAZO54	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
V	ACSB51	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMZO61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMZO62	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AMZO63	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AEZO61	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High
VI	AEZO64	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	High


Level of Attainment	Outcome
2.5 - 3	High
1.8 - 2.49	Moderate
0.9 - 1.79	Low
0 - 0.9	Poor

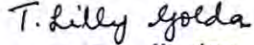
**Report**

**A.P.C. MAHALAXMI COLLEGE FOR WOMEN, THOOTHUKUDI**  
**DEPARTMENT OF ZOOLOGY**  
**PO-CO Attainment Report**

Each subject has Course Outcomes and Programme Outcomes based on the learning outcomes and performance indicators given in the university examination. Direct assessment tools reflect the knowledge level and skill of the students based on their performance in the continuous assessment test, assignments, seminars, and external examinations. In analyzing the Programme and Course outcome every student has attained a high score in the external examination reflecting a "High" attainment level in their subject papers.

To achieve the High attainment level, they were given one word test in google forms, assignments and oral tests by their peer mates. To obtain good results in Skill Based Subject Vermitechnology, the students were insisted to prepare their own vermibed in home and were encouraged to prepare a handwritten flow chart for each method. To score cent percent marks in practical tests, zero hours were utilized. It helped the students to get a high percentage of marks even if they lose scores in the theory exams. The learning style and presentation skills of each student were identified. The best learners and presenters were asked to assist their peer mates to reach the target. A study schedule was given to the students. The students were insisted to make notes in the form of hints to improve their understanding capacity and the hints taken by them were monitored by the teachers.

  
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APC Mahalaxmi College for Women,  
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