MAHENDRA ARTS & SCIENCE COLLEGE

(AUTONOMOUS)

(Affiliated to Periyar University, Salem)
[Accredited by NAAC with 'A' Grade & Recognized u/s 2(f) and 12(B) of the UGC act 1956]

Kalippatti – 637 501, Namakkal (Dt), Tamil Nadu.

2.5.1 ANNUAL REPORT
(2016-2017)

MAHENDRA ARTS & SCIENCE COLLEGE

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KALIPPATTI – 637 501.

Annual Report – 2016 - 2017

OFFICE OF THE CONTROLLER OF EXAMINATIONS

PRINCIPAL
MAHENDRA ARTS & SCIENCE COLLEGE
(Autonomous)
Kalippatti (PO) - 637 501. Namakkal (DT)

Mahendra Arts & Science College is an Autonomous Institution which adopts Choice Based Credit System (CBCS) for providing unique learning experience to the students. Assessments of the students are carried out continuously using formative modes as well as summative assessment, incorporating innovative methods like individualized assignments, mini-projects and projects.

Objectives

To facilitate and ensure the effective assessment and evaluation of outcome of the courses enrolled by the UG and PG students, under the autonomous system.

Curricular Aspects

➤ *Regulations 2016*

   ✓ Choice Based Credit System followed.
   ✓ Special emphasis on skill oriented courses, VAC, NMEC etc.,
   ✓ Semester wise practical courses are introduced.
   ✓ Group/Individual projects are introduced in UG level.
   ✓ In-plant Training / Internship courses introduced.

Curriculum Design

➤ *Designing of Curriculum – Important Parameters*

   ❖ Vision and Mission of the Institute & Department.
   ❖ Curriculum of Reputed Institute / Universities.
   ❖ Internal and External Stakeholders.
   ❖ E-Resources, Journals, International Magazines.
   ❖ Industry Challenges and Social Needs.

➤ *Choice Based Credit System*

The Choice Based Credit System (CBCS) gives freedom to the students to study papers of their choice. The CBCS as recommended by the TANSCHE is being followed from the academic year 2015-2016 onwards. Credits vary in proportion with the instructional hours and the nature of the syllabus content.

A total of minimum 140 credits are prescribed for the Undergraduate Programme offered in three years and for a PG Programme offered in two years a total of minimum 90 credits are prescribed.

➤ *question paper pattern*

The question papers are prepared to assess the Programme outcomes in terms of the student's learning in cognitive domains, problem solving and ability to use novel tools and methods with respect to theory and laboratory courses enrolled.

About COE office

We have integrated with all provisions for Planning, Conduct, Evaluation and declaration of results for UG and PG programmes under the purview of Autonomous stream from the academic year 2015-2016. The research programmes M.Phil. and Ph.D. will remain under the control of the parent university. Regarding Students Attendance and the distribution of Internal and External components the parent university norms will be followed.

According to the guidelines of the UGC we constitute an Examination Cell headed by the COE on the basis of the potential of the person nominated by the Principal. The team shall consist of an Additional COE, Deputy COEs, Examination Co-ordinator, Technical Assistant and an office assistant.

Functions and Responsibilities of COE Office

❖ *Academic Plan / Announcement of Examination Schedules*

Academic plan for the forthcoming year shall be prepared in advance includes the schedules of CIA/Model/ESE Examinations and other important events. The schedule for continuous assessment tests, practical examinations and End Semester Examinations is announced to all the students, at least two weeks in advance through the respective Departments.

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❖ *Appointment of the question paper Setters / Scrutiny member*

Question paper setters and Scrutiny members are appointed in consultation with the principal, time-to-time, from the approved list. The Question paper setters and Scrutiny members are called based upon their experience 10 years and above preferably with doctoral degree. The question papers received from the setters shall be confidentially and meticulously scrutinized by the board in the office of the Controller.

❖ *Issue of Examination Application and Hall Tickets*

The examination applications are issued one month before the commencement of End Semester Examinations with necessary details like student's data, paper code, paper name and fees details. The hall tickets for the End Semester Examinations, along with the date, time and duration is issued to the eligible students, at least three days before the commencement of examinations through the respective Departments.

❖ *Conduct of Examination - CIA & End Semester Examinations*

The CIA/ End Semester Examinations are conducted as per the examination policy and guidelines approved by the Academic Council.

❖ *Appointment of Chief Superintendent, Squad & Invigilators*

The Principal of the college will act as Chief Superintendent and based on the experience, qualification and their academic credentials Squad members and Invigilators are appointed by the Controller of Examinations in consultation with the Head of the Institution.

❖ *Appointment of Chief Examiners and Examiners for Valuation*

The Chief Examiner shall be a faculty member at least 6 years of teaching experience in the relevant subject. The Examiners, for paper valuation, shall have more than three years of teaching experience. Additionally, such examiners shall have handled the regular/elective subject.

❖ *Evaluation of Answer Scripts*

The commencement of theory paper valuations for the End Semester Examinations is announced at least one week in advance to all the examiners through E-mail. Dummy numbered Answer scripts are given to the examiners as per the allotment, not exceeding 25 papers for UG course and 20 papers for PG course per session.

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❖ *Results Passing Board / Publication of Results*

Results Passing Board shall be formed as per the guidelines of UGC and affiliating University. Meeting of the Board shall be convened, to analyze the course-wise and Department-wise results with related statistics. The result will be published on the same day of the meeting.

❖ *Re-totaling / Revaluation of answer scripts*

The students can apply for Re-totaling / Revaluation with proper application form along with the details of the fees paid for the same, duly authorized by the concerned Head of the Department. The results will be announced within seven working days.

❖ *Conduct of Supplementary Examinations*

A student in the final semester shall have an opportunity to appear in the Supplementary Examinations. The students who have one arrear from the first semester to the prior to the final semester or maximum two arrears in the final semester only are eligible to appear for the supplementary examinations.

❖ *Issuing Semester/ Consolidated Grade Sheets / Provisional and Degree certificates*

Grade sheets after declaration of the results of the revaluation shall be issued to the students within four weeks after publishing the results. Provisional and Degree certificates to the candidates after completion of the Programme successfully are issued after receiving the same from Parent University.

Scheme of Examination

Any theory/practical examination is conducted according to the Examination duration Prescribed in the syllabi irrespective of total marks allotted for the examinations.

There shall be theory examinations at the end of each semester, for odd semesters in the month of November / December; for even semesters in April / May. However, there shall be practical examinations at the end of even semesters in general, with exceptions in a few courses as prescribed by the Boards of studies, concerned. A candidate who does not pass the examination in any course(s) shall be permitted to appear in such failed course(s) in the subsequent examinations to be held in November/ December or April / May.

All candidates admitted in first year, should get registered for the first semester examination, compulsorily. If registration is not possible owing to any reason including shortage of attendance beyond Condonation limit, belated joining or on medical grounds, the candidates are permitted to rejoin the course in the next year.

Computerization of the Examination System

The activities of the office of the Controller of Examinations was computerized from 2015 – 2016 onwards. The following processes are done through the COXCO software:

- Students Bio Data entry
- Programme / Semester wise subjects and credits entry
- Students Nominal Roll entry
- Exam application generation
- Exam time table preparation
- Hall Ticket generation
- Seating arrangements
- Internal Marks Updating
- Central valuation - External Mark Updating
- Result processing
- Semester / Consolidate Mark sheet generation
- Generation of eligible candidates list for award of Degree

Assessment Mechanism under Autonomy

➢ *UG Programmes*

The following are the distribution of marks for external and internal of End Semester Examinations / Continuous Internal Assessment, the passing minimum marks for Theory / Practical / Mini project / Project papers of UG programmes.

ESE	EA Total	Passing Minimum for EA	CIA Total	Passing Minimum for CIA	Total Marks Allotted	Passing Minimum (ESE)
Theory	75	30	25	10	100	40
Practical	60	24	40	16	100	40
Mini Project	--	--	100	40	100	40
Project	75	30	25	10	100	40

Note: ESE - End Semester Examination.

The following are the Distribution of marks for the Continuous Internal Assessment in the Theory / Practical / Mini project papers of UG programmes.

THEORY

EVALUATION OF INTERNAL ASSESSMENT

Test	: 15 Marks
Assignment	: 05 Marks
Attendance	: 05 Marks
Total	: 25 Marks

The Passing minimum shall be 40% out of 25 marks (10 marks)

PRACTICAL

EVALUATION OF INTERNAL ASSESSMENT

Test 1	: 15 Marks
Test 2	: 15 Marks
Record	: 10 Marks
Total	: 40 Marks

The Passing minimum shall be 40% out of 40 marks (16 marks)

PROJECT

EVALUATION OF INTERNAL ASSESSMENT

Review 1	: 5 Marks
Review 2	: 5 Marks
Review 3	: 5 Marks
Pre-Viva	: 10 Marks
Total	: 25 Marks

The Passing minimum shall be 40% out of 25 marks (10 marks)

> *PG Programmes*

The distribution of marks for external and internal of End Semester Examination / Continuous Internal Assessment, the passing minimum marks for Theory / Practical / Project papers are as follows

ESE	EA Total	Passing Minimum for EA	CIA Total	Passing Minimum for CIA	Total Marks Allotted	Passing Minimum (ESE)
Theory	75	38	25	12	100	50
Practical	60	30	40	20	100	50
Mini Project	--	--	100	50	100	50
Project	75	38	25	12	100	50

Note: ESE-End Semester Examination

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The following are the Distribution of marks for the Continuous Internal Assessment in the theory papers of PG programmes.

THEORY

EVALUATION OF INTERNAL ASSESSMENT

Test	: 10 Marks
Seminar	: 05 Marks
Assignment	: 05 Marks
Attendance	: 05 Marks
Total	: 25 Marks

The Passing minimum shall be 50% out of 25 marks (12 marks)

PRACTICAL

EVALUATION OF INTERNAL ASSESSMENT

Test 1	: 15 Marks
Test 2	: 15 Marks
Record	: 10 Marks
Total	: 40 Marks

The Passing minimum shall be 50% out of 40 marks (20 marks)

PROJECT:

EVALUATION OF INTERNAL ASSESSMENT

Review 1	: 5 Marks
Review 2	: 5 Marks
Review 3	: 5 Marks
Pre-Viva	: 10 Marks
Total	: 25 Marks

The Passing minimum shall be 50% out of 25 marks (12 marks)

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Autonomous Examination Activities & Result Analysis
Odd Semester – ESE – Nov/Dec - 2016

I. Examination Activities:

The activities of the Examination office for the ESE – Nov/Dec 2016 are listed below:

S.No.	Particulars	Odd Semester ESE – Nov/Dec 2016	
1	Date of Appointment of Question Paper Setters	08.09.2016	
2	Announcement for Registration to Examination	15.10.2016	
3	Last Date for Submission of Examination Application	05.11.2016	
4	Publication of ESE Time Table	03.11.2016	
5	Issue of Hall Tickets	16.11.2016	
6	Collection of CIA Marks	17.11.2016	
7	Practical/ Project Viva-Voce Examinations:		
	Conduct of Practical / Project Viva-Voce Examinations	04.11.2016 – 16.11.2016	
	No. of Practical Papers	UG – 9	PG – 11
	Examiners Appointed	14	
8	Theory Examinations:		
	Conduct of Theory Examination	23.11.2016 – 04.01.2017	
	No. of Theory Papers	UG – 117	PG – 126
	Question papers Reviewed on	11.11.2016	
9	ESE Central Valuation:		
	Conduct of Central Valuation	04.01.2017 – 21.01.2017	
	No. of Boards	UG – 13	PG – 10
	UG Answer Scripts	9456	
	PG Answer Scripts	1395	
	Examiners Appointed	104	
10	Result Publication (Regular):		
	Passing Board Meeting	10.02.2017	
	University Nominee	Dr.J.Senthil Velmurugan, Asst. Prof. in PRIMS, Periyar University, Salem – 11.	
	Publication of Results	10.02.2017	

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II. Result Analysis:

2016 – 2019 Batch UG - First Semester

S.No.	Programme	Appeared	Passed	Pass %
1.	B.A. TAMIL	33	14	42.42
2.	B.A. ENGLISH	58	19	32.76
3.	B.A. JMC	3	---	---
4.	B.Sc. MATHEMATICS	79	63	79.75
5.	B.Sc. STATISTICS	13	8	61.54
6.	B.Sc. PHYSICS	51	29	56.86
7.	B.Sc. CHEMISTRY	76	30	39.47
8.	B.Sc. BIOTECHNOLOGY	99	44	44.44
9.	B.Sc. COMPUTER SCIENCE	78	18	23.08
10.	B.C.A.	63	23	36.51
11.	B.COM.	52	17	32.69
12.	B.COM.CA.	77	35	45.45
13.	B.B.A.	46	8	17.39

No. of Students Appeared: 728
No. of Students Passed   : 308   Pass % : 42.31

2015 – 2018 Batch UG - Third Semester

S.No.	Programme	Appeared	Passed	Pass %
1.	B.A.TAMIL	39	29	74.36
2.	B.A.ENGLISH	71	48	67.61
3.	B.Sc. MATHEMATICS	138	107	77.54
4.	B.Sc. PHYSICS	65	61	93.85
5.	B.Sc. CHEMISTRY	84	53	63.10
6.	B.Sc. BIOTECHNOLOGY	74	38	51.35
7.	B.Sc. COMPUTER SCIENCE	74	16	21.62
8.	B.C.A.	60	14	23.33
9.	B.COM.	53	42	79.25
10.	B.COM.CA.	103	36	34.95
11.	B.B.A.	32	26	81.25

No. of Students Appeared: 793
No. of Students Passed   : 470   Pass % : 59.27

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2016 - 2018 Batch PG - First Semester

S.No.	Programme	Appeared	Passed	Pass %
1.	M.A. TAMIL	5	4	80.00
2.	M.A. ENGLISH	9	5	55.56
3.	M.Sc. MATHEMATICS	42	19	45.24
4.	M.Sc. PHYSICS	15	14	93.33
5.	M.Sc. CHEMISTRY	10	8	80.00
6.	M.Sc. BIOTECHNOLOGY	14	12	85.71
7.	M.Sc. COMPUTERSCIENCE	15	8	53.33
8.	M.COM.	14	2	14.29
9.	M.COM.CA.	12	8	66.67
10.	MSW	15	15	100.00

No. of Students Appeared: 151
No. of Students Passed : 95 Pass % : 62.91

2015 - 2017 Batch PG - Third Semester

S.No.	Programme	Appeared	Passed	Pass %
1.	M.A. TAMIL	2	1	50.00
2.	M.A. ENGLISH	18	15	83.33
3.	M.Sc. MATHEMATICS	35	19	54.29
4.	M.Sc. PHYSICS	5	4	80.00
5.	M.Sc. CHEMISTRY	14	11	78.57
6.	M.Sc. BIOTECHNOLOGY	8	8	100.00
7.	M.Sc. COMPUTER SCIENCE	15	15	100.00
8.	M.COM.	18	17	94.44
9.	M.COM.CA.	4	2	50.00
10.	MSW	4	4	100.00

No. of Students Appeared: 123
No. of Students Passed : 96 Pass % : 78.05

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Autonomous Examination Activities & Result Analysis
Even Semester – ESE – Apr/May 2017

I. Examination Activities:

The activities of the Examination office for the ESE – Apr/May 2017 are listed below:

S.No.	Particulars		Even Semester ESE – Apr/May 2017
1	Date of Appointment of Question Paper Setters		01.03.2017
2	Announcement for Registration to Examination		11.03.2017
3	Last Date for Submission of Examination Application		30.03.2017
4	Publication of ESE Time Table		31.03.2017
5	Issue of Hall Tickets		18.04.2017
6	Collection of CIA Marks		13.04.2017
7	Practical/ Project Viva-Voce Examinations:		
		Conduct of Practical / Project Viva-Voce Examinations	22.03.2017 – 10.04.2017
		No. of Practical Papers	UG – 32 PG – 34
		Examiners Appointed	48
8	Theory Examinations:		
		Conduct of Theory Examination	21.04.2017 – 06.06.2017
		No. of Theory Papers	UG – 190 PG – 143
		Question papers Reviewed on	13.04.2017
9	ESE Central Valuation:		
		Conduct of Central Valuation	06.06.2017 – 22.06.2017
		No. of Boards	UG – 14 PG – 10
		UG Answer Scripts	10657
		PG Answer Scripts	1485
		Examiners Appointed	107
10	Result Publication (Regular):		
		Passing Board Meeting	07.07.2017
		University Nominee	Dr.J.Senthil Velmurugan, Asst. Prof. in PRIMS, Periyar University, Salem – 11.
		Publication of Results	07.07.2017

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II. Result Analysis:

2016 – 2019 Batch UG - Second Semester

S.No.	Programme	Appeared	Passed	Pass %
1.	B.A. TAMIL	32	5	15.63
2.	B.A. ENGLISH	58	15	25.86
3.	B.A. JMC	3	---	---
4.	B.Sc. MATHEMATICS	79	55	69.62
5.	B.Sc. STATISTICS	13	8	61.54
6.	B.Sc. PHYSICS	51	31	60.78
7.	B.Sc. CHEMISTRY	77	48	62.34
8.	B.Sc. BIOTECHNOLOGY	95	43	45.26
9.	B.Sc. COMPUTER SCIENCE	75	26	34.67
10.	B.C.A.	63	32	50.79
11.	B.COM.	51	24	47.06
12.	B.COM.CA.	74	33	44.59
13.	B.B.A.	43	9	20.93

No. of Students Appeared: 714
No. of Students Passed   : 329   Pass % : 46.08

2015 – 2018 Batch UG - Fourth Semester

S.No.	Programme	Appeared	Passed	Pass %
1.	B.A. TAMIL	39	23	58.97
2.	B.A. ENGLISH	70	36	51.43
3.	B.Sc. MATHEMATICS	138	98	71.01
4.	B.Sc. PHYSICS	65	53	81.54
5.	B.Sc. CHEMISTRY	84	41	48.81
6.	B.Sc. BIOTECHNOLOGY	73	40	54.79
7.	B.Sc. COMPUTER SCIENCE	74	30	40.54
8.	B.C.A.	60	41	68.33
9.	B.COM.	53	40	75.47
10.	B.COM.CA.	101	63	62.38
11.	B.B.A.	29	17	58.62

No. of Students Appeared: 786
No. of Students Passed   : 482   Pass % : 61.32

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2016 - 2018 Batch PG - Second Semester

S.No.	Programme	Appeared	Passed	Pass %
1.	M.A. TAMIL	5	5	100.00
2.	M.A. ENGLISH	9	7	77.78
3.	M.Sc. MATHEMATICS	42	29	69.05
4.	M.Sc. PHYSICS	15	13	86.67
5.	M.Sc. CHEMISTRY	11	5	45.45
6.	M.Sc. BIOTECHNOLOGY	13	12	92.31
7.	M.Sc. COMPUTER SCIENCE	15	14	93.33
8.	M.COM.	14	10	71.43
9.	M.COM.CA.	12	5	41.67
10.	MSW	15	14	93.33

No. of Students Appeared: 151
No. of Students Passed   : 114   Pass % : 75.50

2015 - 2017 Batch PG - Fourth Semester

S.No.	Programme	Appeared	Passed	Pass %
1.	M.A. TAMIL	2	2	100.00
2.	M.A. ENGLISH	18	16	88.89
3.	M.Sc. MATHEMATICS	35	23	65.71
4.	M.Sc. PHYSICS	5	5	100.00
5.	M.Sc. CHEMISTRY	14	14	100.00
6.	M.Sc. BIOTECHNOLOGY	8	8	100.00
7.	M.Sc. COMPUTER SCIENCE	15	15	100.00
8.	M.COM.	18	18	100.00
9.	M.COM.CA.	4	4	100.00
10.	MSW	4	4	100.00

No. of Students Appeared: 123
No. of Students Passed   : 109   Pass %: 88.62

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The following table shows the number of students passed in the final year examination with division wise and eligible to receive the degree from the parent university.

PG - 2015 - 2017 Batch (Out gone)

Programme	No. of Students Appeared	No. of Students Passed	Division				Pass %
			Distinction	I	II	III	
M.A. TAMIL	2	2	1	1	--	--	100.00
M.A. ENGLISH	18	18	--	18	--	--	100.00
M.Sc. MATHEMATICS	35	29	12	16	1	--	82.86
M.Sc. PHYSICS	5	5	4	1	--	--	100.00
M.Sc. CHEMISTRY	14	14	7	7	--	--	100.00
M.Sc. BIOTECHNOLOGY	8	8	1	7	--	--	100.00
M.Sc. COMPUTER SCIENCE	15	15	7	8	--	--	100.00
M.COM.	18	17	--	17	--	--	94.44
M.COM.CA.	4	4	--	4	--	--	100.00
MSW	4	4	4	--	--	--	100.00
Total	**123**	**116**	**36**	**79**	**1**	**--**	**94.31**

No. of Students Appeared: 123
No. of Students Passed   : 116
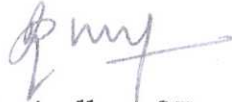
Pass % : 94.31

Rank Holders (2017 passed out):

S.No.	Programme	Reg. No.	Student Name	CGPA	Rank Secured
1.	M.A. TAMIL	15MTA1002	MALARVIZHI M	7.757	FIRST RANK
2.	M.A. ENGLISH	15MEN1012	MOHANAPRIYA S	7.122	FIRST RANK
		15MEN1013	MYTHILI L	7.018	SECOND RANK
3.	M.Sc. MATHEMATICS	15MMA1025	KAVITHA P	8.197	FIRST RANK
		15MMA1018	AMUDHA K	8.178	SECOND RANK
4.	M.Sc. PHYSICS	15MPH1005	SEETHA K	8.716	FIRST RANK
		15MPH1002	DEVAGI R	8.277	SECOND RANK
5.	M.Sc. CHEMISTRY	15MCH1013	THILAGAVATHI R	8.579	FIRST RANK
		15MCH1003	MURUGAN E	8.232	SECOND RANK
6.	M.Sc. BIOTECHNOLOGY	15MBT1007	BINITHA J	8.140	FIRST RANK
		15MBT1008	VENNILA S	7.497	SECOND RANK
7.	M.Sc. COMPUTER SCIENCE	15MCS1008	MANIMEGALAI S	8.024	FIRST RANK
		15MCS1010	PADMINI R	7.767	SECOND RANK

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8.	M.COM.	15MCM1017	NANDHINI M	6.936	FIRST RANK
		15MCM1018	ROSHILA M	6.756	SECOND RANK
9.	M.COM.CA.	15MCC1003	GIFTAJUHIPAMILA G	7.118	FIRST RANK
10.	MSW	15MSW1001	ANAND D	8.502	FIRST RANK
		15MSW1002	MOHANA SUNDARAM V	8.004	SECOND RANK

The College may change the regulations, syllabi and scheme of evaluation time to time if found necessary.

Controller of Examinations

Chief Controller of Examinations & Principal

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