

Annual Quality Assurance Report (AQAR)

For the Academic Year

2017-2018

SUBMITTED TO

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

NAGARBHAVI, BANGALORE - 560 072, INDIA



Internal Quality Assurance Cell (IQAC)

MAHENDRA ARTS & SCIENCE COLLEGE (AUTONOMOUS)

Affiliated to Periyar University, Salem.

Accredited by NAAC with 'A' Grade

Recognised u/s 2(f) and 12(B) of the UGC Act 1956

Kalippatti Po. - 637 501, Tiruchengode Tk. Namakkal Dt. Tamilnadu.



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution		MAHENDRA ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Name of the head of the Institution		Dr. S. ARJUNAN
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04288288302
Mobile no.		9894264220
Registered Email		principal@mahendraarts.org
Alternate Email		mahendraarts1999@gmail.com
Address		Kalippatti
City/Town		Namakkal
State/UT		Tamil Nadu
Pincode		637501

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	29-Apr-2015																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Dr. K. Selvaraj																		
Phone no/Alternate Phone no.	04288288323																		
Mobile no.	9894717781																		
Registered Email	iqac@mahendraarts.org																		
Alternate Email	iqacmahendra@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.mahendraarts.org																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.mahendraarts.org																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.05</td> <td>2016</td> <td>19-Feb-2016</td> <td>18-Feb-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.05	2016	19-Feb-2016	18-Feb-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.05	2016	19-Feb-2016	18-Feb-2021														
6. Date of Establishment of IQAC	25-Feb-2011																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries															
Regular meeting of IQAC	18-Oct-2017 1			10															

Regular meeting of IQAC	10-Jan-2018 1	10
Regular meeting of IQAC	15-Mar-2018 1	10
Participation in NIRF	15-Nov-2017 1	10
Submission to AISHE data	08-Aug-2017 1	10
Regular meeting of IQAC	12-Jul-2017 1	10
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Biotechnology	Major projects	DST-FIST	2014 1825	3000000
Biotechnology	Minor Projects	UGC	2016 730	295000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

? Preparation of AQAR. ? Five orientation and Training programs were organised for Teaching faculty and two for Nonteaching staff. ? Participation of NIRF 2017 ? Provision of placement services to students. ? Enhancement of Extension activities. ? Promotion of Faculty Development programme for faculty members. ? Academic Audit was conducted with internal members. ? Installation of highpower UPS ? Initiatives on energy conservation by replacement of LED bulbs ?

Construction of rainwater harvest tank in new building.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Participation in NIRF 2017 Ranking	67th position in All India Level NIRF2017
Organization of Extension activities and socially relevant programmes by the departments	Faculty and students of various departments actively participated in 7 extension activities in nearby villages.
Enhancement of employability skills of students	Continuous placement training was given and 14 placement drives were organised and 622 students got placement order.
Proposal for starting B.Voc. Programmes was initiated.	Proposal for B.Voc. courses was submitted to UGC and the UGC approval was awaited.
Updating of College Website	The newer version of the website became functional in the academic year 2017
Promotion of Research activities and research publications of the departments and faculty members.	30 to 40 percent of faculty members involved in research activities such as Research articles Publication 144 Faculty Book Publication: 2 College Organised was organised National Conferences:2, National Seminars:4, State level workshops:3 and National Symposium 1. Faculty Paper Presentation: Conferences/Seminars/Workshops: National 28, International: 18 and workshop attended 15.
Arrangement of various Awareness programmes and outreach activities addressing social issues.	16 awareness programmes and outreach activities were conducted through NSS, YRC and R.R.C. Department of English organised 5 awareness programmes to Govt school students regarding importance of English.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Council	04-Aug-2018

15. Whether NAAC/or any other accredited

No

body(s) visited IQAC or interacted with it to assess the functioning ?	
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2017
Date of Submission	08-Aug-2017
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	? Continuous internal assessment marks, registration for further programs and purchase of various requirements of departments are effectively and efficiently managed through Management Information System. ? SMS gateway was opened to send important notifications to different stakeholders of the college. ? Updating of the college website with special importance to MIS was done. ? Communication of academic related information and circulars was sent through WhatsApp group. ? Installation of OPAC system in college library was done for better management.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BSc	UST	Statistics	14/06/2017
BSc	UPH	Physics	14/06/2017
BSc	UCH	Chemistry	23/06/2017
BSc	UCS	Computer Science	14/06/2017
BCom	UCC	Commerce C.A.	14/06/2017
BSc	UCA	Computer Application	14/06/2017
MSc	PPH	Physics	14/06/2017
MSc	PCH	Chemistry	23/06/2017

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with	Programme	Date of Introduction	Course with Code	Date of Introduction

Code	Specialization			
MCom	Commerce	14/06/2017	Advanced Marketing Management - M16PCM01	14/06/2017
MCom	Commerce	14/06/2017	International Business - M16PCM03	14/06/2017
BSc	Commerce	14/06/2017	Income Tax Law & Practice - II- M15UCM17	14/06/2017
BSc	Mathematics	14/06/2017	SBEC: -III Verbal Reasoning - M16UMAS03	14/06/2017
BSc	Mathematics	06/12/2017	SBEC-IV Non - Verbal Reasoning - M16UMAS04	06/12/2017
BA	Journalism and Mass Communication	14/06/2017	Layout Design (M16UJMP03)	14/06/2017
BSc	Chemistry	14/06/2017	SBEC - III - Agricultural Chemistry (M15UCHS03)	14/06/2017
BSc	Computer Science & Applications	14/06/2017	Programming in C-M16UCS02	14/06/2017
MSc	Computer Science	20/12/2017	Network Management - M16PCS05	20/12/2017
MA	English	06/12/2017	English for professional examinations M19PENSS01	06/12/2017

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Bio Technology	14/06/2017
MSc	Bio Technology	14/06/2017
MSc	Computer Science	14/06/2017
MSc	Physics	06/12/2017
BSc	Physics	14/06/2017
MSc	Mathematics	06/12/2017
BSc	Mathematics	14/06/2017
BA	Journalism and Mass	14/06/2017

	Communication	
MCom	Commerce	14/06/2017
BCom	Commerce	14/06/2017
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Statistics	14/06/2017
BSc	Physics	14/06/2017
BSc	Chemistry	14/06/2017
BSc	Computer Science	14/06/2017
BCA	Computer Application	14/06/2017
BCom	Commerce C.A.	14/06/2017
MSc	Physics	14/06/2017
MSc	Chemistry	14/06/2017

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Bio-fertilizer Production	08/12/2017	76
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BCom	In-plant Training	49
MSc	M.Sc Bio-Technology	12
MCom	Internship Project	19
MSW	Field work practices and Rural Camp I & II	4
MSW	Concurrent Field work - III, IV	14
BBA	In-plant Training	41
BCom	In-plant Training	122
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes

Parents	Yes
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1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

Students' feedback helped the college in more than one way. Primarily their feedback about the teachers' performance inside the classroom was extremely helpful in the assessment of teachers' quality. We were able to find out the strength and weakness of the staff individually and necessary corrective measures were taken. The completion of syllabus on time was ensured. It was found particularly useful in the revision of syllabus, as their feedback was reliable. Equipment of labs and updating of library were done in a more useful way, suiting to their specific needs. The feedback helped the management in the overall infrastructure development. Moreover, their feedback was highly valuable for the introduction of value-added, job-oriented, Add-on, elective and Non major courses. The feedback from teachers came in handy in the assessment of their requirement in the teaching-learning process. It was immensely helpful in the analysis and improvisation of the evaluation procedure. Their feedback helped a lot in identifying students who were lagging behind in studies and facilitating them in their academic improvement. The feedback of the parents went a long way in increasing the amenities for the students in the campus. The parents started visiting the colleges more voluntarily than before with their ward's academic difficulty which was very useful for the staff in improving the students' performance. Extension of transport facility to a few more places was made after getting their feedback. Based on the Alumni feedback, the curriculum was enriched towards making the students acquire employable skills. Increase in placement training, placement drives and signing MoU with companies are the direct result of the feedback.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BCA	Computer Application	160	96	94
BSc	Computer Science	120	130	127
BSc	Biotechnology	120	102	99
BSc	Chemistry	80	90	87
BSc	Physics	80	58	53
BSc	Statistics	40	20	17
BSc	Mathematics	120	95	91
BA	Journalism and Mass Communication	60	25	13
BA	English	120	66	64
BA	Tamil	60	60	56

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	999	146	58	30	50

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
138	138	5	5	2	5
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

? Each Faculty is a mentor for 20 Students. The faculty offers counselling to students regarding their educational and personal problems. At the end of each semester the parents were appraised about the progress of their ward. Parent-Teacher meeting is arranged periodically. ? The annual seminars and workshops conducted regularly help in widening the knowledge in the field, promoting the students' capacity to interact and communicating with experts in the field. ? IQAC provides information about various Student Support Services available at the institution and other levels. ? To improve communication skill and personality development of the students, a number of seminars and personality development programs are organized in which students are equipped with the skills required for meeting the challenges of the future. ? Advanced learners help in making the slow learners understand the difficult concept of their subjects. ? Remedial classes are conducted to help the slow learners. ? Students Feedback system on class review, infrastructure and other services is provided by the institution.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2871	138	1:21

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
27	27	0	27	10

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Dr.R.Sundramoorthi - State level	Assistant Professor	Kalvi Semmal Viruthu, Kaviyarasar Kalaith Tamil Sangam, Namakkal.

2018	Dr.R.Sundramoorthi - State level	Assistant Professor	Pearasan Viruthu, Kurunchik Kabilar Tamil Sangam, Namakkal.
2018	Dr.R.Sundramoorthi - State level	Assistant Professor	Kalai Viruthu, Tamil Sangam, Namakkal.
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	UTA	VI/ 2017	04/05/2018	04/06/2018
BA	UEN	VI/ 2017	04/05/2018	04/06/2018
BSc	UMA	VI/ 2017	04/05/2018	04/06/2018
BSc	UPH	VI/ 2017	04/05/2018	04/06/2018
BSc	UCH	VI/ 2017	04/05/2018	04/06/2018
BSc	UBT	VI/ 2017	04/05/2018	04/06/2018
BSc	UCS	VI/ 2017	04/05/2018	04/06/2018
BCA	UCA	VI/ 2017	04/05/2018	04/06/2018
BCom	UCM	VI/ 2017	04/05/2018	04/06/2018
BBM	UBA	VI/ 2017	04/05/2018	04/06/2018
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	2689	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.mahendraarts.org>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
UTA	BA	Tamil	38	38	100
UEN	BA	English	67	56	84
UMA	BSc	Mathematics	137	111	81

UPH	BSc	Physics	64	62	97
UCH	BSc	Chemistry	87	47	57
UBT	BSc	Biotechnol ogy	71	60	85
UCS	BSc	Computer Science	72	64	89
UCA	BCA	Computer Applications	59	55	93
UCM	BCom	Commerce	51	43	84
UCC	BCom	Commerce CA	98	87	89
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.mahendraarts.org>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Dr. T. Selvankumar
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nill	NIL	NIL	Nill	NIL
No file uploaded.				

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	90	TNSCST	95	95

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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

2

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
State level workshop on "Recent Trends in Statistical Packages" on 14.02.2018	Statistics	14/02/2018
One day state level seminar on Contemporary Advances in Biotechnology (NSCAB on 25.01.2018)	Bio Technology	25/01/2018

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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nil	NIL

No file uploaded.

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Mahendra Arts Science College	Bio-Incubator	Mahendra Educational Trust	Mahendra Agro Farm	Food grade Mushroom Production	23/12/2017

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
TAMIL	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Bachelor of Business Administration	1	0
International	Biotechnology	3	3.07
International	Biotechnology	9	3.07
International	Tamil	6	0
International	English	5	0
International	Mathematics	18	0.03

International	Statistics	18	2.5
International	Physics	5	3.58
International	Chemistry	3	0.29
International	Computer Science	14	0.27
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Commerce CA	1
Tamil	1
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nil	0	Nil
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Biogenic synthesis, characterization and antibacterial activity of gold nanoparticles synthesized from vegetable waste	Dr. T. S elvankumar	Journal of molecular liquids	2018	1	Mahendra Arts Science College	0
Screening of anti-inflammatory phytocompounds from <i>Crateva adansonii</i> leaf extracts and its validation by in silico modeling	Dr. R.Thirumalaisamy	Journal of Genetic Engineering and Biotechnology	2018	0	Mahendra Arts Science College	0

Molecular modeling and docking of protease from Bacillus sp. for the keratin degradation	Dr. K. Selvam	Journal of molecular structure	2017	2	Mahendra Arts Science College	0
Biomimetic synthesis of silver nanoparticles using flower extract of Bauhinia purpurea and its antibacterial activity	Dr. C. Sudhakar	Environmental Science and Pollution Research	2017	2	Mahendra Arts Science College	0
Biosynthesis of silver nanoparticles from Spirulina microalgae and its antibacterial activity	Dr. T. Selvankumar	Environmental Science and Pollution Research	2017	1	Mahendra Arts Science College	0
Green synthesized silver nanoparticles from Garcinia imberti bourn and their impact on root canal pathogens and HepG2 cell lines	Dr. T. Selvankumar	RSC Advances	2017	2	Mahendra Arts Science College	0
Tight focusing properties of spirally polarized LG (1,1)	Dr. K. Prabakaran	Opt. and Quant. Electron.	2018	2	Mahendra Arts Science College	0

beam with High NA Parabolic mirror						
Generating Sub wavelength pure longitudinal magnetization probe and chain using complex phase plate	Dr. K. Prabakaran	Opt. and Qunt.Elect ron.	2018	1	Mahendra Arts Science College	0
One-step microwave synthesis of pure and Mn doped WO ₃ nanoparticles and its structural, optical and electrochemical properties	Dr. V. Hariharan	Journal of Materials Science	2017	0	Mahendra Arts Science College	0
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Myco-phytoremediation of arsenic- and lead-contaminated soils by <i>Helianthus annuus</i> and wood rot fungi, <i>Trichoderma</i> sp. isolated from decayed wood	Dr. T. Selvakumar	Ecotoxicology and Environmental Safety	2018	0	0	Mahendra Arts Science College
Biogenic	Dr. T. S	Journal	2018	0	0	Mahendra

synthesis, characterization and antibacterial activity of gold nanoparticles synthesised from vegetable waste	elvankumar	of molecular liquids				Arts Science College
Screening of anti-inflammatory phyto compounds from <i>Crateva adansonii</i> leaf extracts and its validation by in silico modeling	Dr. R. Thirumalaisamy	Journal of Genetic Engineering and Biotechnology	2018	0	0	Mahendra Arts Science College
Isolation identification and characterization of arsenic transforming exogenous endophytic <i>Citrobacter</i> sp. RPT from roots of <i>Pteris vittata</i> .	Dr. T. S elvankumar	3 Biotech.	2017	0	0	Mahendra Arts Science College
Green synthesized silver nanoparticles from <i>Garcinia imberti</i> boud and their impact on root canal pathogens and HepG2 cell lines	Dr. T. S elvankumar	RSC Advances	2017	0	0	Mahendra Arts Science College

Process optimization of biogas energy production from cow dung with alkali pre-treated coffee pulp	Dr. T. Selvakumar	3 Biotech.	2017	0	0	Mahendra Arts Science College
Tight focusing properties of spirally polarized LG (1,1) beam with High NA Parabolic mirror	Dr. K. Prabakaran	Opt. and Qunt.Elect ron.	2018	0	0	Mahendra Arts Science College
Generating Sub wavelength pure longitudinal magnetization probe and chain using complex phase plate	Dr. K. Prabakaran	Opt. and Qunt.Elect ron.	2018	0	0	Mahendra Arts Science College
Tight focusing properties of phase modulated transversely polarized sinh Gaussian beam	Dr. K. Prabakaran	Opt. and Qunt.Elect ron.	2017	0	0	Mahendra Arts Science College
One-step microwave synthesis of pure and Mn doped WO ₃ nanoparticles and its structure	Dr. V. Hariharan	Journal of Materials Science	2017	0	0	Mahendra Arts Science College

ural, optical and electr ochemical properties					
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	23	16	0	1
Presented papers	0	16	2	1
Resource persons	0	0	1	0

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Biotechnology	Consultancy Services to prepare proposal for organizing the Mushroom Unit for the production sector	MagizhOrgafit Salem, Ph: 9976786879	20000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NIL	NIL	0	0

No file uploaded.

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Yoga day on 21.6.2017	NSS	2	200
Enrolment of Volunteer's Inauguration on 14.7.2017	NSS	2	200
Dengue Awareness Program on	NSS	2	200

08.08.2017			
Dengue Awareness Rally on 09.08.2017	NSS	2	185
Tree Plantation Programme on 15.9.2017	NSS	2	200
Fire and Safety Awareness Rally on 11.10.2017	NSS	2	120
Youth Awakening Day on 16.10.2017	NSS	2	200
Traditional food awareness program on 14.11.2017	NSS	2	350
Blood donation camp on 21.11.2017	NSS	2	100
HIV AIDS awareness program on 01.12.2017	NSS	2	90

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Dengue Awareness Program	Recognition Certificate	Govt Hospital in Mallasamudram	200
Fire and Safety Awareness Rally	Recognition Certificate	Mallasamudram Police Station and Village people	100
Blood Donation camp	Recognition Certificate	Govt Hospital, Salem	135
Integrated Campaign on Health Awareness	Recognition Certificate	Primary Health Centre, Mallasamudram.	200

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Awareness	NSS	Dengue Awareness	2	200
Awareness	NSS	HIV AIDS awareness program	2	200
Awareness	NSS	Blood Donation camp	2	135
Health Issues	NSS	Fire and	2	200

		Safety Awareness Rally		
AIDS Awareness	Red Ribbon Club	AIDS Awareness	2	160
Awareness	Youth Red Cross	Blood Donation Camp	2	100
Health	NSS	Health Awareness	2	200
Awareness	Citizen Consumer Club	Consumer Awareness program	2	165
Awareness	Tamil	Dengue Awareness	4	20
Awareness	English	Spoken English Village people	2	30
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Training in molecular diagnostics. Research on cytotoxicity and tissue engineering.	60 students	Virtis Bio labs Pvt.Ltd, Salem	1
Microbial Culture Screening and Identification	50 students	STAR Microlab - Salem	1
Computer Training programme by ICT	75 students	ICT Academy	1
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Internship project	BJ Laboratory, Salem	12/03/2018	17/03/2018	A. Arunprakash (16MBT1001) S. Rajaram (16MBT1002) C. Sakthivel (16MBT1003) D. Sarathkumar

					(16MBT1004) N. Tamil selvan (16MBT1005) C. Vimalraj (16MBT1006)
Internship	Internship project	Star Micro lab, Salem	12/03/2018	17/03/2018	T. Bharathi (16MBT1007) T. Kalaiyarasi (16MBT1008) U. Kalaivani (16MBT1009) S. Mythili (16MBT1010) A. Sumaiyabanu (16MBT1011) R.Usha (16MBT1012) D.Vijayalaks hmi (16MBT1013)
Internship	In-plant Training	M/s B.S.ch okkanathan CO., chartered accountants, salem	01/12/2017	10/12/2017	Arunachalam. M16BCM1001Dh aranitharan. P16BCM1008 Karthikeyan. R 16BCM1013 Nandhakumar. S 16BCM1019 Thirumalai. A 16BCM1030 Sangeetha. V 16BCM1050
Internship	In-plant Training	Sibi Surya's Manu facuture's Fashions Textiles, Salem	01/12/2017	10/12/2017	Arunkumar. V16BCM1002 Manikumar. V 16BCM1016 Paul Kumar. V 16BCM1020 Pratheep. V 16BCM1023 Amutha. B 16BCM1033 Mithila. P 16BCM1043 Ramya. S 16BCM1049
Internship	In-plant Training	Prompt multi state co-operative house building	01/12/2017	10/12/2017	Boopal. S16BCM1004 G owrishankar. K16BCM1010 Mahendra. P

		society limited, salem			16BCM1015 Ranjith. I.A. 16BCM1024 Th iyagarajan. J 16BCM1031 Pavithra. S 16BCM1046 Sowntharya. D 16BCM1052
Internship	In-plant Training	V. Verma co. Chartered accountants, salem	01/12/2017	10/12/2017	Boopathi. D 16BCM1005 Eswaran. A 16BCM1009 Kalaiselvan. M16BCM1012 Moulee. S 16BCM1018 Sa thiyamoorthi . R 16BCM1027 Agila Devi. M 16BCM1032 Divya. M 16BCM1035 Kiruthiga. R 16BCM1041 Punitha. N 16BCM1048 Sowmiya. G 16BCM1051
Internship	In-plant Training	Selvakumar associate chartered accountants, salem	01/12/2017	10/12/2017	Boopathi. G 16BCM1006 Kirubhaharan . K 16BCM1014 Pharani. S 16BCM1022 Amuthavalli. K 16BCM1034 Nivetha. A 16BCM1044 Pr iyadharshini . K 16BCM1047
Internship	In-plant Training	Seshasayee paper boards ltd. Erode	01/12/2017	08/12/2017	DeepanChak aravarthi. S16BCM1007
Internship	In-plant Training	Hand - Loom Weavers Co-Operative Production Saloos Society In P eriyakollapa tti	01/12/2017	10/12/2017	Jothikrish nan. G16BCM1011 Mohanlal. K 16BCM1017 Santhosh. R 16BCM1025 Tamizhan.

					P.K. 16BCM1029 Hemalatha. A 16BCM1036 Kanaga. M 16BCM1039 Ya sidhaPriya. A 16BCM1053
Internship	In-plant Training	K.M.B. Granite tiles industry - omalur	01/12/2017	10/12/2017	Sivagnanam. A 16BCM1028 Pavithra. R 16BCM1045 Jothi. M.K. 16BCM1038

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ICT Academy	14/06/2017	Students benefited through various program conducted by ICT	79
Virtis Bio labs Pvt.Ltd, Salem	04/01/2018	Training in molecular diagnostics. Research on cytotoxicity and tissue engineering.	32
STAR Microlab - Salem	18/09/2017	Microbial Culture Screening and Identification	53

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
144.58	120.75

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added

Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Auto Lib Software Systems	Partially	4.0 (SQL Version)	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	31092	9034884	68	18717	31160	9053601
Reference Books	3777	1133100	5	1889	3782	1134989
e-Books	95000	5900	0	0	95000	5900
Journals	35	31790	0	0	35	31790
e-Journals	6000	0	0	0	6000	0
CD & Video	1604	0	25	0	1629	0
Library Automation	1	26050	0	0	1	26050
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nil
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	240	3	1	1	1	5	15	4	5

g									
Added	10	0	1	0	0	5	5	0	0
Total	250	3	2	1	1	10	20	4	5

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

10 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
110	102.52	160	155.95

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

Mahendra Arts Science college ensures the utilization of the available financial resources for the maintenance of different facilities (Laboratories, Classrooms, Centers, etc.,) with the help of various committees constituted for this purpose and using the grants received from the college and other funding agencies as per the requirements based on the interest of students and faculty members. Institutional Website: <http://www/mahendraarts.org> Laboratory Record of maintenance is maintained by lab technicians and attenders and supervised by HODs of the respective departments. • Maintenance of sophisticated lab equipment and instruments is done by the technicians of related laboratories. • The instruments and equipment used for various experiments under different disciplines are annually cleaned and maintained by the departments concerned and the same is recorded by lab technicians and supervised by HODs of the departments concerned. • There is systematic disposal of waste of all types such as bio-degradable chemicals and e-waste. Library The requirements of books from the departments concerned are taken yearly and the Heads are monitor the process regularly. The finalized copy of required books for each academic year is duly approved and signed by the Principal. • The college Library is equipped with special facility for visually challenged students by setting up two computers with INTERNET facility. • Suggestion box is kept in the library to record feedbacks which help a lot in introducing new ideas regarding library enrichment. • Proper account of visitors (students and staff) on daily basis is maintained. • Other issues such as weeding out of old titles, schedule of issue, return of books etc are chalked out and resolved by the library committee. Sports Maintenance of indoor and outdoor games facilities are done periodically. At the end of the year, Sports Day is conducted. The sports articles stock is audited every year. Specialized coaches in different games are brought in and their suggestions are implemented. Computers Centralized computer laboratory is established in the college premises. Funds are allotted every year and utilized to maintain the computers in the college. Register maintenance of the computers through respective in-charges is done regularly and malfunctioning systems are identified and disposed off. Classrooms The college has a campus committee for maintenance and upkeep of the

infrastructure. At the departmental level, HODs submit their requirements to the Principal regarding classroom furniture and other requirements. The college development fund is utilized for the maintenance of furniture and other electrical equipment. With the help of the full-time sweepers cleanliness of classrooms is maintained. They are well equipped with modern tools of cleaning such as mops, gloves and vacuum cleaner.

<http://www.mahendraarts.org>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Various Schemes	479	2060000
Financial Support from Other Sources			
a) National	SC/ST SCHOLARSHIP	332	917150
b) International	0	0	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Bridge Course	30/06/2017	912	Department of English
Yoga	15/09/2017	862	Department of Tamil Chemistry
Tamil Moolikai Kankatchi	28/12/2017	675	Department of Tamil
Tamilcharal Cultural Competition	03/01/2018	453	Department of Tamil
The Globe 'Drama Club Inauguration'	22/06/2017	60	Department of English
Guest Lecture-Soft Skills Development	27/09/2017	210	Department of English
Lit Fest	18/08/2017	250	Department of English
Talk Show	03/10/2017	50	Department of English
Awareness Programme Journalism	10/10/2017	160	Department of JMC
Photo Expo	18/12/2017	21	Department of JMC

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the

institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	M-TRACE Tamilnadu Govt. Competition Exam Coaching	632	984	0	313

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
10	10	5

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Cognizant Technology Solutions (CTS)	245	9	Vinayak Infotech Solutions	25	1

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	20	Tamil	Tamil	In various Institutions	M.A. Tamil
Nil	33	English	English	In various Institutions	M.A. English
Nil	48	Mathematics	Mathematics	In various Institutions	M.Sc. Mathematics
Nil	40	Physics	Physics	In various Institutions	M.Sc. Physics
Nil	8	Chemistry	Chemistry	In various Institutions	M.Sc. Chemistry
Nil	2	Bio-Technology	Bio-Technology	In various Institutions	M.Sc. Bio-Technology
Nil	2	Computer	Computer	In various	M.Sc.

		Science	Science	Institutions	Computer Science
Nil	8	B.C.A.	B.C.A.	In various Institutions	M.C.A.
Nil	10	Commerce	Commerce	In various Institutions	M.COM
Nil	12	Commerce CA	Commerce CA	In various Institutions	M.COM CA.
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Nil	0
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Independence Day Competition organized by various depts. on 15.08.2017	Institution Level	140
Republic day Competition organized by various departments on 26.01.2018	Institution Level	198
The Globe 'Drama Club Inauguration' organised on 22.3.2017	Institution Level	60
Penta Club Inauguration held on 10.7.2017	Institution Level	210
Lit Fest competition organised on 18.8.2017	Institution Level	250
Talk Show competition organised on 3.10.2017	Institution Level	50
Photo Expo organised on 18.12.2017	Institution Level	21
Traditional Food Festival competition organised on 20.12.2017	Institution Level	415
Medicinal plant Expo organised on 12.1.2018	Institution Level	290
Agri Expo-2017 organised on 30.06.2017 and 01.07.2017	Institution Level	255
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Kavithai Thental Award	National	Nil	1	17BCH1023	S Navaneetha Kannan
2017	Varaikalai Chirpi Award	National	Nil	1	17BCH1023	S Navaneetha Kannan
2017	University Level in Weight lifting	National	1	Nil	15BCA1025	R.Praveen
2017	University Level in Power lifting	National	1	Nil	15BCA1025	R.Praveen
2017	University Level in Taekwondo	National	1	Nil	15BCA1010	A.Dhanush Kumar
2017	University Level in Taekwondo	National	1	Nil	17BCH1021	P.Mohanraj
2017	University Level in Taekwondo	National	1	Nil	17UBT1041	K.L.Ruban Sakthi
2017	Best Prize	National	Nil	1	17JMC1012	P.Yuvaraj
2017	Ilakkiya Chigaram Award	National	Nil	1	17BCH1060	S Geetha

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Men's cell and Women's cell are active throughout the year. The activities conducted by Men cell include intra-college competitions and cultural activities. There was a spectacular show of traditional exhibitions. Weavers' Exhibition was the cynosure of all exhibitions conducted. Food Festival had vast reach-out, almost everyone either participated or visited the food festival, as many traditional varieties of foods were on display. Cultural programs were conducted on many occasions as part of conclusion. Women's cell was alive with various activities and skill-oriented training programs. An exhaustive training on Mural art was the eye-catcher among students. The response from the participants was highly encouraging. Motivational programs with renowned personalities like Lawyers and Doctors in chair were conducted successfully. A special session was dedicated to maintenance of personal

hygiene. Experienced medical professionals shared their resources, stressing the need for hygienic practices among women. Many students served as volunteers in facilitating on-campus placement drives. Selected students were included in the college anti-ragging committee and they keep monitoring students throughout the year.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. The College Alumni Association was formed on 26/08/2013 and registered under Tamilnadu Societies registration act under 1975 (Sl/NO. 114.2013 dated 26.08.2013). All the outgoing students of the college are inducted into the Alumni Association. From 2013, Annual Alumni Meets are conducted every year and large numbers of alumni actively participate in the meeting. Alumni Association not only arranges the reunion event, but also carries out the following activities: ? Conducting Career Oriented Programs for equipping the students for TNPSC and Bank examinations. ? Social networking groups in WhatsApp comprising Principal, Secretary, HODs, and Faculty Members of the department along with alumni are formed. Alumnus post regular updates about placement drives and career opportunities in the group, that are immediately passed to the students both directly and in student Whats App groups. ? Share their knowledge and expertise with current students through motivational talk and inspiringspeeches organized in college premises. ? Act as resource persons in various workshops. Conferences. seminars conducted by the department and ignited the students in their prospective carrier. ? Actively involved in Board of studies and extend their valuable suggestions in syllabus reformation according to current trends. ? Alumni Entrepreneurs exposes to the students the vast career openings available. ? They help a lot in inculcating entrepreneurial skills among students.

5.4.2 – No. of registered Alumni:

913

5.4.3 – Alumni contribution during the year (in Rupees) :

319550

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The principal, being the head of the IQAC assigns different committees after having a detailed consultation with the faculty to plan and execute academic as well as administration-related policies. The principal, academic co-coordinator and staff members are involved in defining the policies and procedures, framing guidelines and rules regulations pertaining to admission, placement, discipline, grievance, counseling, project development, and library services etc., and effectively implementing the same to ensure smooth and systematic functioning of the institution. The decisions taken are based on the conclusions arrived at the IQAC and various committees. The faculty members have their due representation in the different committees. Every year there is a change in members of the various committees to give due exposure to all faculty members. The staff members periodically meet for the celebration of

various programmes. Committees are formed involving the staff and students for conducting events throughout the year. Academic activities like examination schedule etc., are planned after due consultation with all staff. The faculties share their knowledge in forums such as faculty development programmes, seminars and workshops. The teaching staff gets acquainted with the latest trends in technology. The principal along with the teaching faculty plans the annual budget of the college. Senior most faculties are made responsible for the institution's communication and correspondence with the university. Individual department heads meet the faculty members regarding issues related to the departments in consultation with the head of the institution.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Autonomy is provided to the all departments to prepare and update the syllabus. The Curriculum was prepared based on CBCS pattern with special emphasis on the courses like Skill-oriented courses, Value added courses, Non-Major electives etc., The Board of Studies is constituted once in three years.
Teaching and Learning	Teaching-learning process is achieved through Paper presentation, videos, films, ICT learning, lesson plan, logbook, internship industrial visit, field trip, project work, assignments and seminars apart from chalk and talk method.
Examination and Evaluation	100 External valuation is carried out with transparency. Revaluation, dummy number system and the conduct of supplementary exams for students who have overall one arrear and two arrears in the last semester after result publication are some of the features of the Examination and Evaluation system. Central valuation system is adapted for model examinations and feedback of the external examiners is obtained and implemented wherever applicable and necessary.
Research and Development	Launching research journals incentives for research publication motivation to carry out research work.
Library, ICT and Physical Infrastructure / Instrumentation	• OPAC • Inflibnet • E-Resources
Human Resource Management	The students are encouraged to take part in various social and academic activities of the college.

Industry Interaction / Collaboration	MOUs with Industries and Institutions ? Vertis Bio Lab, Salem ? STAR Microlab - Salem ? Elies Biotech, Erode
Admission of Students	• Admissions of students are made as per the norms of Periyar University, UGC and Government of Tamil Nadu.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	At the beginning of the academic year, the Heads of the departments submit their budget requirement for the whole year. The principal, in turn forwarded it to the management after scrutinization. The management gives sanction to the important items. At the end of the year, the detailed report of the academic activities is submitted with all required documents to the principal.
Administration	The college uses e-governing system. Students' attendance is made online completely. The campus has CCTV cameras at specific points where students' movement is high and continuous. Students Online feedback system is followed.
Finance and Accounts	College account is maintained under cash basis of accounting. Fee is collected and entered in the respective student's account. Daily cash collections and payments are reported to Principal and the management. Class-wise fee receivable and the actual fee received are reconciled after every semester with help of the finance section. Salary of teaching and non-teaching staff is paid through bank. It has been planned to computerize the entire financial management system.
Student Admission and Support	In the students' admission procedure the college uses 'Mahendra Admission Tool' developed by an in-house team. The database of all students admitted in the college is available for ready reference.
Examination	The Examination cell is well equipped with separate desktop and internet facility for downloading question papers online. There is a separate printer exclusively for printing question papers. Student data for examination and internal marks of the students are collected by the exam cell through intranet service. The college

uses software 'Coxco' for seating allotment for examination and the entire result process.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr.J.Josephine Daisy	International conference on Finance and banking on 01.02.2018	Sengunthar Arts and Science College	300
2018	Dr.V.Hariharan	Emerging Materials And Methods For Advanced Applications on 1.3.2017 2.3.2018	Periyar University, Salem	300
2018	K.Kannadasan	National conference titled Culture, Language and Literature on 15.3.2018	Loyola College of Arts and Science, Namakkal	200
2018	Mrs.R.Bhuvaneswari	Tharamangala Vattara Viswakaram on 05.04.2018	AET Girls College, Attur	200
2017	Dr.K.Selvam	Future perspective on Bioscience Research on 1.9.2017	Sengunthar arts and science college, Namakkal	200
2017	S. Rinaldi amalraj	Library as a learning resource centre in modern era on 30.11.2017	Government Arts College, Salem	200
2017	R.Sridevi	Conference titled Integration of soft skills in Alice Childress's Florence on 28.11.2017	Govt. Arts College Salem	200
2017	Dr.R.Sundaramoorthi	Nattupura Maruthuva Nabikaikal on	Govt.Arts College, Melur, Madurai	300

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Nil	Oriental programme on office file Maintenance	17/06/2017	17/06/2017	Nil	10
2017	FDP on New faculty about class culture	o	03/06/2017	03/06/2017	27	Nil
2017	Faculty Development Programme on NET/SET 2k17	Nil	04/11/2017	04/11/2017	56	Nil
2017	Nil	Training programme on MS-Word	18/11/2017	18/11/2017	Nil	10
2018	FDP on writing research proposals	Nil	06/01/2018	06/01/2018	97	Nil
2018	Nil	Training programme on Office Automation	03/03/2018	03/03/2018	Nil	10
2018	State level seminar on Recent trends in application of Mathematics	Nil	21/02/2018	21/02/2018	46	Nil
2018	State level workshop on "Recent	Nil	14/02/2018	14/02/2018	35	Nil

	Trends in Statistical Packages".					
2018	One Day International Conference on Empowerment of Entrepreneurs	Nil	01/11/2017	01/11/2017	76	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
NIL	0	Nil	Nil	0
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
138	138	51	51

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Fee Concession to staff's children • Incentives to staff for publication of Papers • Incentives for 100 results produced by faculty members. 	<ul style="list-style-type: none"> • Fee Concession to staff's Children • Free Uniform to Driver, Sweeper and Lab Assistant 	<ul style="list-style-type: none"> • Merit Scholarship • Fee concession to outstanding Sports students • Free Education to Economically Poor students

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

<p>The college conducts two types of auditing, one internal auditing and the other external auditing. All bills, vouchers and payments are regularly sent for internal auditing. The audit report is prepared after meticulous scrutinization of all income and expenditure. The finance committee of the college reviews and approves the budget and income, expenditure statements two times a year. External auditing is done once in a year. There is no major objection by the external auditor.</p>

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Management	647890	Seminar/Workshop/Confer

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6.4.3 – Total corpus fund generated

4000000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Experts from other colleges	Yes	Principal and IQAC team
Administrative	No	Nil	Yes	Principal and IQAC team

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Department wise Parents – Teacher meetings are conducted at least once in a year. The teachers reveal the academic performance of the students, their attendance, discipline etc., to the parents. The feedbacks obtained from the parents are used for better functioning of the college. Counseling is given to slow-learners with their parents.

6.5.3 – Development programmes for support staff (at least three)

- Orientation programme on office file Maintenance
- Training programme on Handling Originals
- Training programme on MS-Excel

6.5.4 – Post Accreditation initiative(s) (mention at least three)

- Construction of Herbal Garden
- Participation in the National Ranking organized by various Agencies.
- High contribution of faculty towards qualitative improvement.
- Discernable increase in the number of placements and reputed recruiting companies for on-campus interview.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Nil
d) NBA or any other quality audit	Nil

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Soft Skills Development	27/09/2017	27/09/2017	27/09/2017	65
2018	Guest Lecture on Research Methodology	19/01/2018	19/01/2018	19/01/2018	252
2017	Orientation Programme	15/06/2017	15/06/2017	15/06/2017	980

	for UG Students				
2017	Strategies for Bioscience career and entry routes	01/08/2018	01/08/2017	01/08/2017	95
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Traditional Food Festival	20/12/2017	20/12/2017	415	96
Women Empowerment programme	27/09/2017	27/09/2017	20	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Environmental awareness is created regularly by way of conducting awareness programmes like Dengue awareness, Fire and Safety awareness, Rainwater harvesting, Blood donation and Tree plantation programmes. On-campus activities include maintaining medicinal plants and carbon dioxide mitigation through bamboo garden. By way of extension activity, programmes like Woman education, and cleanliness campaign were conducted.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Braille Software/facilities	No	0
Scribes for examination	Yes	2
Special skill development for differently abled students	Yes	1
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students

	locational advantages and disadvantages	engage with and contribute to local community					and staff
2017	1	1	25/07/2017	1	Seminar on Cyber Security	Cyber security issues are discussed in the seminar	205
2017	1	1	27/07/2017	1	Tree plantation Awareness	Awareness created about tree plantation in mallasamudram and tiruchengode villages	200
2017	1	1	21/08/2017	1	Advancing Materials Research	Speech given to students regarding materials research	124
2017	1	1	08/08/2017	1	Dengue awareness program	Awareness given to general public about causes of Dengue	130
2017	1	1	10/08/2017	1	Spoken English	Motivation given to public regarding use of English	30
2017	1	1	11/10/2017	1	Fire and Safety Awareness Rally	Information given to general public regarding fire and safety	123
2017	1	1	01/11/2017	1	One Day International Conference on	Motivation given to entrepreneurs	396

					Empowerment of Entrepreneurs		
2017	1	1	14/11/2017	1	Traditional food awareness program HIV AIDS Awareness	Speech given to importance of traditional food to college students	225
2017	1	1	01/12/2017	1	HIV AIDS Awareness	Information given to general public regarding HIV and AIDS	150
2018	1	1	25/01/2018	1	Contemporary Advances in Biotechnology (NSCAB)	Speech given to students about advances in biotechnology	260

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Academic Calendar	14/06/2018	The handbook contains information about the vision, mission, and quality policy of the college. In addition, it outlines the rules and regulations, examination pattern of the college. To impart human values and ethics, the college offers courses namely Human Rights, Yoga and Environmental Studies. Awareness among all the students and staff is created through circulars, college website and conducting awareness program.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Seminar on Cyber	25/07/2017	25/07/2017	205

Dengue awareness	08/08/2017	08/08/2017	130
Spoken English	10/08/2017	10/08/2017	30
Traditional food	14/11/2017	14/11/2017	225
Yoga Day Awareness	21/06/2017	21/06/2017	983
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Bamboo Garden established in the campus for CO2 Mitigation. ii. Medicinal Plant Garden established in the campus. iii. Safety Disposal of Wastes. iv. Participation in Swachhta Scheme. v. Rain water Harvesting facility. iv. Maintenance of Green house.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

- Most of the students happen to be first graduate students. Their primary aim is getting a job. Hence, the college gives more importance to placement activities in order to make them acquire employable skills. Every year there is a considerable increase in the number of campus placements.
- Financial assistance is extended by the management to deserving students throughout their course. Students are considered for the financial assistance on the strength of their academic performance, excellence in sports and economic background.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.mahendraarts.org>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

As mentioned in the vision statement and the quality policy of our institution, the distinctive feature lies in the all-round development of students with good conduct and character. The uncompromising ethical values that our students imbibe during their study form the basis of our students' character. They are taught human values which are fundamental to man-making education. Most of our students are hailing from remote pockets of the twin districts Namakkal and Salem and they are socially and economically backward. As such their exposure is much less compared to the students belonging to urban areas. Hence, the institution starts from the scratch and spare none of the efforts to mould them into responsible citizens. The students learn almost everything from the institution. It is a marathon task to the institution to teach them language skills, besides subject expertise. The institution spares no efforts to infuse a sense of self-discipline into the minds of the students throughout their study. By the time they graduate, they have good conduct and character, ready to take up any social responsibility.

Provide the weblink of the institution

<http://www.mahendraarts.org>

8.Future Plans of Actions for Next Academic Year

In the recent years, there has been a steep increase in the number of students aspiring for competitive examinations. To increase the number of research projects from various funding agencies To enhance placement opportunities to the students. To design need-based curriculum on skill-based education.

