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

ACADEMIC AUDIT

(2016-17 To 2020-21)

PRINCIPAL

MAHENDRA ARTS & SCIENCE COLLEGE
(Autonomous)

Calippatit (PO) - 637 501, Namakkat (D2)



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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.

Academic Audit- Proforma Academic Year -2016-2017

1.	Name of the Department	Biotechnology
2.	Year of Establishment	UG & PG - 2002
۷٠	Teal of Establishment	M.Phil. & Ph.D 2005
3.	Courses offered	B.Sc., M.Sc., M.Phil., Ph.D.,
4.	Sanctioned Strength	B.Sc 120
٠.	•	M.Sc 60
5.	Number of applications received for	B.Sc103
· ·	different courses	M.Sc 15
6.	Number of students admitted	B.Sc 100
		M.Sc 15
	Is curriculum based on the needs of the	
_	industry?	Yes. Biophysics &
7.	If yes, furnish the details Whether	Bioinstrumentation, Industrial
	curriculum design is job oriented? If so mention	Safety & Clinical Biochemistry
8.	Certificate/Diploma courses offered	Biofertilizer & Mushroom
0.	Certificate/Diploma courses offered	Cultivation
9.	Student- Teacher Ratio	1: 22
10.	Pass percentage (UG & PG)	B.Sc 97 %
10.		M.Sc - 100 %
11.	Student Counseling	Yes. Available
12.	Records pertaining Students attendance	Yes. Maintained
13.	CIA records	Yes. Maintained
14.	Records pertaining to student's	Yes. Maintained
17.	performance	1 es. Maintained
15.	Number of M.Phil and Ph.D students	3
	working at present	3
16.	Number of Teachers	11
17.	Number of M.Phil and Ph.D awarded	3
18.	Number of Non -Teaching staff	2
	Number of	
19.	seminars/workshops/conferences	6
	organized	

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20.	Number of seminars/ workshops/ conferences attended faculty	18
21.	Research Projects	-
22.	Awards/Recognition/patents	Award - 1
23.	Number of publications	10
24.	Number of books in the department library	251
25.	Infrastructure facilities (labs, instruments, seminar halls etc.)	Yes. Available
26.	Records pertaining to students' feedback	Yes. Available
27.	Records pertaining to department activities	Yes. Available
28.	Extension activities	Blood grouping.
29.	Healthy practices	Hands on Training for Spirulina production, Mushroom cultivation, vermicompost production. Internship program is organized for PG students to obtain skill-based knowledge from industries and institutes. Students- Alumni interactions has been made to connect students with alumni for providing awareness and exposure for employment opportunities in the biotechnological field.
30.	Annual Budget	Rs. 3,68,190/-

Head of the Department

PRINCIPAL

MAHENDRA ARTS & SCIENCE TOLLEGE

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Kaliopatti (PO) - 637 501, Namesker (ST

Remarks by the external audit member

Name of the I	Department : Biotec	hnology		
Date of Audit	: 24.	03.201	6	
1. The depar	tment has enough q	ualified staff	members to handle	all classes
Excellent (5)	Wery Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
2. The deman	nd for a particular o	course:		
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
Give suggestion	ons/Improvement:	-		
3. Give your	suggestions/comme	nts for lab ba	ased courses (if availa	ble):
4. Whether to	he question papers a	according to	the blue print given i	n the syllabus?
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
4.b) Semeste	er:			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
4.c) If any de	viation is noted pleas	se mention the	e code and Question pa	aper No:
4.d) Commer	nts on question paper	standard:		
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
5. Maintenan	ce of documents in t	he departme	ent:	
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
6. Overall asso 6.a) In terms	essment of the Depa s of Results	rtment:		
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
		/Auto	CIPAL a science follege nomous 7501, Namerous 197	

6.b) In terms o	f Teacher's quality				
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
6.c) Infrastruct	ure				
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
i) Re	nion the departme				
iv) v) 8. SWOT ANA	ploma Cou treprenur stiquate q	Program	nne		
Strength	: Scien	ue ind	lexed Journal	Publication	2
Weakness	es : Entre	epserur	beodramo	_	
Opportun	ities : Plac	aman	t		
Threat	: More	e numb	er of institu	rution	
9. If you rate th	e department, hov		,		
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
10. Any other su	aggestion:				
		-			
Name & Signati	ure of the subject (experts:			
(Dr. M. Pa Assistant Nandha Erodo - 52	propersor. Arts & Sc	in Brot	2. Jahren Dr.J. Blage Bhara	DHONALAUSHO Prof of Bioche Thi dasan college	mish;
Frode - 52).		Erod	e -638116	

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

Academic Audit- Proforma

Academic Year - 2017 - 2018

S.	No		
	1.	Name of the Department	Physics
	2.	Year of Establishment	2001 & 2003
	3.	Courses offered	B.Sc. Physics & M.Sc. Physics
	4.	Sanctioned Strength	80 & 24
30	5.	Number of applications received for different courses	73
-1	6.	Number of students admitted	68
	7.	In curriculum based on the needs of the industry? If yes, furnish the details Whether curriculum design is job oriented? If so mention	The syllabus and curriculum have been framed in order to fulfill the needs of the industry and it has wide job opportunities
	8.	Certificate/Diploma coursed offered	NIL
	9.	Student- Teacher Ratio	7:1
	10.	Pass percentage(UG & PG)	93.7 & 86.6
	11.	Student Counseling	Functioning in effective manner
	12.	Records pertaining Students attendance	Updated with necessary documents
	13.	CIA records	Maintained in order
	14.	Records pertaining to students performance	Updated as per the records
	15.	Number of M.Phil and P.hD. students working at present	07
	16.	Number of Teachers	11
ge.	17.	Number of M.Phils and P.hD awarded	10
*		Number of Non –Teaching staff	02
	19.	Number of seminars/workshops/conference organized	1



(Autonomous)

A	20.	Number of	
		seminars/workshops/conference	4
		attended faculty	
	21.	Research Projects	-
	22.	Awards/Recognition/patents	-
	23.	Number of publications	05
	24.	Number of books in the department	
		library	-
	25.	Infrastructure facilities(labs,	UG Laboratory &
		instruments, seminar halls etc)	PG Laboratory with sufficient number
			of instruments
	26.	Records pertaining to students feedback	Have been collected and Updated
	27.	Records pertaining to department activities	Updated in well order
	28.		Have been carried out and sufficient necessary documents available
	29.	Healthy practices	CLM & IDP
	30.		Rs. 1,40,145 /-

the Department

Remarks by the external audit member

Name of the Department: Physics

Date of Audit

: 22.03.2017

1. The department has enough qualified staff members to handle all classes

Excellent (5)

Very Good (4) Good (3)

Satisfactory (2)

Should Improve (1)

2. The demand for a particular course:

Excellent (5)

Very Good (4) Good (3)

Satisfactory (2)

Should Improve (1)

Give suggestions/Improvement: May be further improved for wide range of research and job opportunities

3. Give your suggestions/comments for lab based courses (if available):

In near future, the committee has suggested to conduct lab based courses.

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

Academic Audit- Proforma

Academic Year - 2018 - 2019

S.No		
1.	Name of the Department	Physics
2.	Year of Establishment	2001 & 2003
3.	Courses offered	B.Sc. Physics & M.Sc. Physics
4.	Sanctioned Strength	80 & 24
5.	Number of applications received for different courses	59
6.	Number of students admitted	53
7.	In curriculum based on the needs of the industry? If yes, furnish the details Whether curriculum design is job oriented? If so mention	The syllabus and curriculum have been framed in order to fulfill the needs of the industry and it has wide job opportunities
8.	Certificate/Diploma coursed offered	NIL
9.	Student- Teacher Ratio	6:1
10.	Pass percentage(UG & PG)	54 & 84.6
11.		Functioning in effective manner
12.	Records pertaining Students attendance	Updated with necessary documents
13.	CIA records	Maintained in order
14.	Records pertaining to students performance	Updated as per the records
15.	*	01
16.		10
17.	Number of M.Phils and P.hD awarded	10
18.	Number of Non –Teaching staff	02
19.		1



MAHENDRA ARTS & SCIENCE COLLEGE

(Autonomous)

20.	Number of seminars/workshops/conference attended faculty	4
21.		-
22.	Awards/Recognition/patents	-
23.	0 1	09
24.	Number of books in the department library	-
25.	Infrastructure facilities(labs, instruments, seminar halls etc)	UG Laboratory & PG Laboratory with sufficient number of instruments
26.	Records pertaining to students feedback	Have been collected and Updated
27.	Records pertaining to department activities	Updated in well order
28.	Extension activities	Have been carried out and sufficient necessary documents available
29.	Healthy practices	CLM & IDP
30.	Annual Budget	Rs. 6,29,145 /-

Head of the Department

Remarks by the external audit member

Name of the Department: Physics

Date of Audit

Excellent (5)

: 21.03.2018

1. The department has enough qualified staff members to handle all classes

Excellent (5) Very Good (4) Good (3)

2. The demand for a particular course:

Very Good (4) Good (3)

Satisfactory (2)

Satisfactory (2)

Should Improve (1)

Should Improve (1)

Give suggestions/Improvement: May be further improved for wide range of research and job opportunities

3. Give your suggestions/comments for lab based courses (if available):

In near future, the committee has suggested to conduct lab based courses.

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MAHENDRA ARTS & SCIENCE COLLEGE

(Autonomous) Kalippatti (PO) - 637 501, Namakkal (DT

 Whether the a) CIA: 	question papers ac	cording to the	blue print given in the	syllabus?	
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
4.b) Semeste	r:				
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
4.c) If any de	viation is noted plea	se mention the	e code and Question pa	per No: No	
4.d) Commer	nts on question pape	r standard:			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
5. Maintenanc	e of documents in th	ne department:			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
	essment of the Depa ns of Results	rtment:			
Excellent (3)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
6.b) In terms	of Teacher's quali	ty			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
6.c) Infrastru	cture				
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
7. In your opinion the department has to concentrate on: I) Problem oriented teaching ii) Give more importance to day to day problem iii) Focus on Hands on training iv) Arrange more number of visits to industries y) Allow the students to visit reputed laboratories					
8. SWOT AN	ALYSIS:				
Strength	: Potential	faculty memb	ers, well equipped lab	oratories, Creating	
	teaching a	nd learning n	nethodologies and opp	ortunities for research	
Weaknes	ses : Lack of co	mmunication	skills among the stud	ents and virtual	
	demonstra	ition	804		

Opportunities : Employability and research developments

Threat

9. If you rate the department, how much do you rate?

: Nil

Excellent (5) Very Good (4) Good (3) Satisfactory (2)

Should Improve (1)

10. Any other suggestion:

Focus on energy and environmental based activities in all the semesters

Name & Signature of the subject experts:

1. (Branawith

CDT. B. Grnanavel)

AP/Physics

CNC. Encole-4.

2. Vorment

(Dr. p. Srini Vasam)

Asst Poot

CN College, Erode 4

MAHENDRA ARTS & SCIENCE COLLEGE

(Autonomous) Kalippatti (PO) - 637 501, Namakkal (DT



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

Academic Audit- Proforma

1.	Academic Year -20 Name of the Department	
1.	•	Biotechnology
2.	Year of Establishment	UG & PG - 2002
3.	Courses offered	M.Phil & Ph.D - 2005
٥.	Courses offered	B.Sc., M.Sc., M.Phil. Ph.D.,
4.	Sanctioned Strength	B.Sc - 84
	Number of a 1' c'	M.Sc - 40
5.	Number of applications received for different courses	B.Sc - 65
	different courses	M.Sc - 15
6.	Number of students admitted	B.Sc - 54
	To assemble the state of	M.Sc - 15
	Is curriculum based on the needs of the industry?	Yes.Applied Statistics, Food
7.		Biotechnology, Herbal
٠.	If yes, furnish the details Whether	Technology, Biofertilizer
	curriculum design is job oriented? If so mention	Technology & Apiculture.
	mention	
8.	Certificate/Diploma coursed offered	Biofertilizer & Mushroom
9.	Student- Teacher Ratio	Cultivation
7.	Student- Teacher Ratio	1:22
10.	Pass percentage (UG & PG)	B.Sc - 100 %
11.	Student Counciling	M.Sc - 100 %
12.	Student Counseling	Yes.Available
13.	Records pertaining Students attendance CIA records	Yes.Available
13.		Yes.Available
14.	Records pertaining to student's performance	Yes.Available
15.	Number of M. Phil and Ph.D students	2
15.	working at present	7
16.	Number of Teachers	12
17.	Number of M.Phil. and Ph.D awarded	2
18.	Number of Non -Teaching staff	2
	Number of	_
19.	seminars/workshops/conferences	10
	organized	

PRINCIPAL MAHENDRA ARTS & SCIENCE COLLEGE (Autonomous) Kalippatti (PO) - 637 501, Namakkat (DT)

	Number of	
20.	seminars/workshops/conferences	20
	attended faculty	
21.	Research Projects	-
22.	Awards/Recognition/patents	Award - 1
23.	Number of publications	17
24.	Number of books in the department library	251
25.	Infrastructure facilities (labs, instruments, seminar halls etc.)	Yes. Adequate
26.	Records pertaining to students feedback	Yes.Available
27.	Records pertaining to department activities	Yes.Available
28.	Extension activities	Distribution of the Dengue awareness notice to the village peoples
29.	Healthy practices	Hands on Training for Spirulina production, Mushroom cultivation, vermicompost production. Internship program is organized for PG students to obtain skill-based knowledge from industries and institutes. Students- Alumni interactions has been made to connect students with alumni for providing awareness and exposure for employment opportunities in the biotechnological field.
30.	Annual Budget	Rs. 11,03,838/-

Head of the Department

MAHENDRA ARTS & SCIENCE COLLEGE (Autonomous)

Remarks by the external audit member

Name of the De	epartment: Biotec	hnology			
Date of Audit	: 12	.03.2019	7		
1. The departm	nent has enough o	qualified staff	members to handle a	II classes	
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
2. The demand	l for a particular	course:			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
Give suggestions	s/Improvement:				
3. Give your su	nggestions/comme	nts for lab ba	sed courses (if availab	ole):	
Lates	t Equipmen	ts can	be puchase	rd more.	
4. Whether the	question papers	according to t	he blue print given in	the syllabus?	
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
4.b) Semester:					
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
4.c) If any devi	ation is noted pleas	se mention the	code and Question par	per No: —	
4.d) Comments	on question paper	standard:			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
5. Maintenance	of documents in	the departmen	nt:		
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	
6. Overall assess 6.a) In terms of	sment of the Depa of Results	artment:			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)	

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

6.b) In terms o	f Teacher's quality			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
6.c) Infrastruct	ure			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
7. In your opin i) 000 ii) iii) iv) v)	nion the departme	ent has to con e stude	centrate on: uts mose on	academic & Research area.
8. SWOT ANA	ALYSIS:	,	1	
Strength	: Good	Labor	atory facility,	well Qualified facultie
Weakness	es : Stude	nts Can	be more sta	well avalified faculties tengthened in the acades for the Research purpos
Opportuni	ities : Can	y use -ll	ie laboratory.	for the Research purpos
Threat	: Job	opposit	unities.) (
3. 11 you rate the	c department, now	much do yo	u rate?	
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)
10. Any other su	ggestion:			
		-		
N. O.G.				
Name & Signatu	re of the subject e	experts:		
NAVARASAM	RA PRAB ROFESSOR O ARTL & SC FOR WO	EIENCE C	emistry Asst. ollebe Bhouch	Prof of Microbiology attridasan College of
ARACHALUR,	FRODE (DT)-	638 101.	TN. Estoc	de.

PHINCIPAL MAHENDRA ARTS & SCIENCE COLLEGE (Autonomous)
**Kelippatii (PO) - 637 501, Namakkal (DT)



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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.

Academic Audit- Proforma

Academic Year - 2020 - 2021

S.No		
1.	Name of the Department	Physics
2.	Year of Establishment	2001 & 2003
3.	Courses offered	B.Sc. Physics & M.Sc. Physics
4.	Sanctioned Strength	80 & 24
5.	Number of applications received for different courses	21
6.	Number of students admitted	21
7.	In curriculum based on the needs of the industry? If yes, furnish the details Whether curriculum design is job oriented? If so mention	The syllabus and curriculum have been framed in order to fulfill the needs of the industry and it has wide job opportunities by adopting OBE pattern
8.	Certificate/Diploma coursed offered	NIL
9.	Student- Teacher Ratio	4:1
10.	Pass percentage(UG & PG)	100 & 100
11.		Functioning in effective manner
12.	Records pertaining Students attendance	Updated with necessary documents
13.		Maintained in order
14.	Records pertaining to students performance	Updated as per the records
15.	Number of M.Phil and P.hD. students working at present	01
16.		06
17.	Number of M.Phils and P.hD awarded	01
18.	Number of Non –Teaching staff	02
19.		3

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	20.	Number of	
		seminars/workshops/conference	_
		attended faculty	
	21.	Research Projects	-
	22.	Awards/Recognition/patents	-
	23.	Number of publications	06
	24.	Number of books in the department	
		library	-
ix.	25.	Infrastructure facilities(labs,	UG Laboratory &
4	5	instruments, seminar halls etc)	PG Laboratory with sufficient number of instruments
	26.	Records pertaining to students feedback	Have been collected and Updated
	27.	Records pertaining to department activities	Updated in well order
4	28.	Extension activities	Have been carried out and sufficient necessary documents available
	29.	Healthy practices	CLM & IDP
	30.	Annual Budget	Rs. 1,55,025 /-

the Department

Remarks by the external audit member

Name of the Department: Physics

Date of Audit

: 04.03.2020

1. The department has enough qualified staff members to handle all classes $\frac{1}{2}$

Excellent (8) Very Good (4)

Good (3)

Satisfactory (2)

Should Improve (1)

2. The demand for a particular course:

Excellent (5)

Very Good (4)

Good (3)

Satisfactory (2)

Should Improve (1)

Give suggestions/Improvement: May be further improved for wide range of research and job opportunities

3. Give your suggestions/comments for lab based courses (if available):

In near future, the committee has suggested to conduct lab based courses.



Whether thea) CIA:	question papers acc	cording to the b	lue print given in the	e syllabus?			
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)			
4.b) Semester	:						
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)			
4.c) If any deviation is noted please mention the code and Question paper No: No							
4.d) Comments on question paper standard:							
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)			
5. Maintenance of documents in the department:							
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)			
6. Overall assessment of the Department:6.a) In terms of Results							
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)			
6.b) In terms o	f Teacher's qualit	y					
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)			
6.c) Infrastructure							
Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Should Improve (1)			
7. In your opinion the department has to concentrate on: I) Problem oriented teaching ii) Give more importance to day to day problem iii) Focus on Hands on training iv) Arrange more number of visits to industries v) Allow the students to visit reputed laboratories							
8. SWOT ANA	LYSIS:						
Strength : Potential faculty members, well equipped laboratories, Creating							
teaching and learning methodologies and opportunities for research							
Weaknesses : Lack of communication skills among the students and virtual							
demonstration							
PRINCIPAL							

Opportunities : Employability and research developments

Threat

: Nil

9. If you rate the department, how much do you rate?

Excellent (5) Very Good (4) Good (3)

Satisfactory (2)

Should Improve (1)

10. Any other suggestion:

Focus on energy and environmental based activities in all the semesters

Name & Signature of the subject experts:

2. Arst. Prot CN-College, Erode-4

MAHENDRA ARTS & SCIENCE COLLEC

(Autonomous)