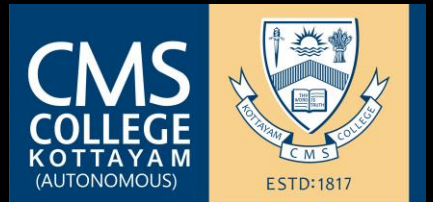


DEPARTMENT OF PHYSICS CMS COLLEGE KOTTAYAM

(Autonomous)



VALUE ADDED COURSE 2021-22



ELECTRONICS AND MAINTENANCE OF HOME APPLIANCES

*Offered
to II BSc
Students*

Time: 36 hours

Credit: 2

Certification Course

Course coordinator

Dr. Seema R

seema@cmscollege.ac.in

- *Basics of electronics*
- *Maintenance tool used at home*
- *Home appliances like fan, iron box*
- *Working principle and parts of fan motor and iron box*
- *Types of fans and iron Boxes*
- *Demonstration of machine operations*

Value Added Course 4th January 2022 Electronics and Maintenance of Home Appliances

Name

Signature

1. Naveena.R. Thomas

NA

2. Devananda.s

Devananda

3. Sandhya Teresa Raju.G

ST

4. Athulya Prasad

Athulya

5. Abysree.B

Abysree

6. Megha M Nair

Megha

7. Sivkhami A. Slobu

Sivkhami

8. Nandana V.P

Nandana

9. Nelson Sunny

Nelson Sunny

10. Anagha Renukh

Anagha

11. Shalin Sajin

Shalin

12. Ruya S. Sam

Ruya

13. Meera Nair M

Meera

14. Nikhil Maheswar E.G

Nikhil

15. Abhishek K P

Abhishek

16. Vino J Paul

Vino

17. PRATHEESH.K.DAS

Pratheesh

18. Pranav.P

Pranav

19. Anna Xavier

Anna

20) Aswin Suresh

Aswin

21) Devika Suresh

Devika

22) Gayathri P S

Gayathri

23) Aravind Varuam

Aravind

24) Gaurav P.P

Gaurav



[Signature]

HEAD OF THE DEPARTMENT OF PHYSICS
C.M.S. COLLEGE KOTTAYAM
KERALA, INDIA

- 25) Megha Babu
26) Aparna Venu
27) Linxy P.T
28) Sreedevi V V
29) Vyshnavi. S. Vanyar
30) Shyama. M. S

4th January 2022












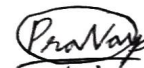
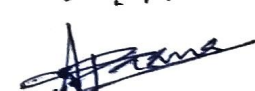


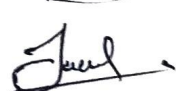





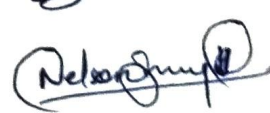



HEAD OF THE DEPARTMENT OF PHYSICS
C.M.S. COLLEGE, KOTTAYAM
KERALA, INDIA



Value Added Course

Electronics and Maintenance of Home Appliances

Date : 5th January 2022

Name	Signature
Naveena . R. Thomas	
Anagha Renuesh	
Sandhya Teresa Raju. G	
Pranav. P	
Aprana Venu	
Sreedevi V V	
Alex Xavier	
Jacob Matthews	
Vino J paul	
Boavin Byju	
Shalin Raju	
Arthulya Prasad	
Karthik Srivakumar	
Nelson Sonny	
Ashima Aji Abraham	
Aswin Suresh	















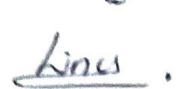


HEAD OF THE DEPARTMENT OF PHYSICS
KOTTAYAM KERALA INDIA
CMS COLLEGE

Value Added course

Selection and Maintenance of Home Appliances

2nd January 2022

Name	Signature
Shyama M S	
Mehta Babu	
Meenakshi T. Subhash	
Gayathri P S	
Devika Suresh	
Vijitha S Vargha	
Aravind P T	
Abhinav K P	
Nikhil Maheswar	
Meera Nair M	
Meera M Nair	
Sudhakar N Sibi	
Nandana V-P	
Abhyasa B	
Lincy P J	



HEAD OF THE DEPARTMENT OF PHYSICS
CMS COLLEGE, KOTTAYAM
KERALA, INDIA

Value Added Course

Electronics and Maintenance of Home Appliances.

6th January 2022

Name.

Signature.

1. Naveena. R. Thomas



2. Devananda.S



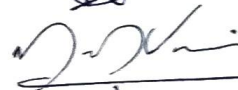
3. Sandriya Teresa Raju.C



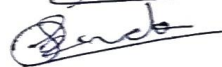
4. Agyesee. B



5. Megha M Nair



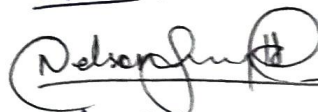
6. Sivakami J Shibu



7. Nandana V.P



8. Nelson Sunny



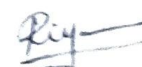
9. Anagha Kamesh



10. Shalini Sajin.



11. Rishi. S. Sam



12. Meera Nair M



13. Nikhil Maheswar E.G



14. Abhishek K P



15. Vino J Paul



16. Prathesh. K. Das



17. Aswin Suresh



18. Anon Xavier







HEAD OF THE DEPARTMENT OF PHYSICS
KOTTAMAM KERALA INDIA
EMS COLLEGE

Value Added Course
Electronics and Maintenance
of Home Appliances.

6th January 2022

Name.

19. Pranav P
- 20) Sreedevi V V
- 21) Linxy P.T
- 22) Aparna Venu
- 23) Shyama. M. S
- 24) Vyshnavi. S. Varigas
- 25) Gireesh P.P
- 26) Aravind V Pawan
- 27) Megha Babu
- 28) Gayathri P S
- 29) Devika Suresh
- 30) Alimya Prasad

Signature:

Pranav
Sreedevi

Linxy

Aparna

Shyama

Vyshnavi

Gireesh

Aravind

Megha

Gayathri

Devika

Alimya




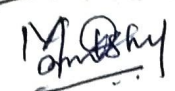




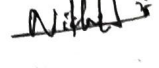









HEAD OF THE DEPARTMENT OF PHYSICS
CMS COLLEGE, KOTTAAYAM
KERALA, INDIA

Value Added Course

Electronics and Maintenance of Home Appliances.

7th January 2022

Name	Signature
1) Megha Babu	
2) Shyama M-S	
3) Gayathri P S	
4) Meenakshy. T. Subhasb	
5) Devika Suresh	
6) Vyshnavi S Varier	
7) Gireesh P.P	
8) Abhishek K P	
9) Nikhil Maheswar	
10) Meera Nair. M	
11) Megha M Nair	
12) Sivakami K Shibu	
13) Nandana V.P	
14) Abysree - B	
15) Lincy P J	
16) Naveena R Thomas	



DEPARTMENT OF PHYSICS
KOTTAYAM
KERALA
INDIA

Value Added course Electronics and Maintenance of Home Appliances.

7th January 2022

Name	Signature
17) Anagha Kuneshi	<u>Anagha</u>
18) Ashima Aj Abraham	<u>Ashima</u>
19) Sandhya Teresa Raju. G	<u>Sandhya</u>
20) Pranav. P	<u>Pranav</u>
21) Aparna Venu	<u>Aparna</u>
22) Sreedevi V V	<u>Sreedevi</u>
23) Vino J Paul	<u>Vino</u>
24) Jacob Mathew	<u>Jacob</u>
25) Anon Xavier	<u>Anon</u>
26) Shalin Shaju	<u>Shalin</u>
27) KARTHIK SIVAKUMAR	<u>Karthik</u>
28) Athulya Prasad	<u>Athulya</u>
29) Bravin	<u>Bravin</u>
30) Nelson Sonny	<u>Nelson</u>
31) Aswin suresh	<u>Aswin</u>
32) Prathmesh K das	<u>Prathmesh</u>



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C.M.S. COLLEGE, KOTTAYAM
KERALA, INDIA

Value Added course

Electronics and Maintenance of Home Appliances.

Lab :

7th January 2022

Name

Signature

1) Meera Nair. M


Meera Nair

2) Sreedevi V V


Sreedevi

3) Megha Babu


Megha

4) Ashima Aji Abraham


Ashima

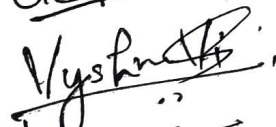
5) Alex Peter Mathew


Alex

6) Anand K. P


Anand

7) Gayathri P S


Gayathri

8) Vyshnavi S Varier


Vyshnavi

9) Aparna Venu


Aparna

10) Meenashy T subash


Meenashy

11) Devika Suresh

12) Braavin Byju


Braavin

13) Abhishek KP

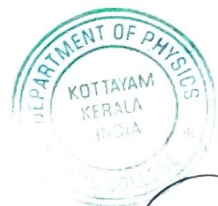

Abhishek

14) ~~Aravind Ramesh~~

14) Anagha Ramesh

15) Aravind Vignani

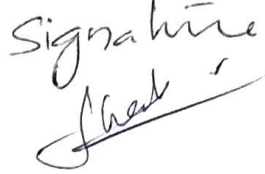

















Aravind



HEAD OF THE DEPARTMENT OF PHYSICS
C.M.S. COLLEGE, KOTTAYAM
KERALA, INDIA

Value Added course
Electronics and Maintenance
of Home Appliances
Lab

Date: 1st Janu

- | Name | Signature |
|-----------------------------|--|
| 16) Shalin Jaji |  |
| 17) Abhysee B |  |
| 18) Karthik Sivakumar |  |
| 19) Yanga Vinod |  |
| 20) Rupa S. Sam |  |
| 21) Sandhya Teresa Raju. C. |  |
| 22) Gireesh P.P |  |
| 23) Devananda S |  |
| 24) Fiza. N |  |
| 25) Fahima |  |
| 26) Athulya perasad |  |
| 27) Anes |  |
| 28) Uno |  |
| 29) Anwin |  |
| 30) puarav |  |
| 31) Naveena R. Thomas |  |
| 32) Sivakami N. shibu |  |



HEAD OF THE DEPARTMENT OF PHYSICS
C.M.S. COLLEGE, KOTTAYAM
KERALA, INDIA

4th January 2022

- 33. Shyama.
- 34. Nandana.V.p
- 35. Megha. M
- 36. Nelson Sunny

Shyama
Nandana
Megha
Nelson

[Signature]

HEAD OF THE DEPARTMENT OF PHYSICS
CMS COLLEGE KOTTAYAM
KERALA, INDIA

7th January 2022



**Department of Physics
CMS College Kottayam**

Report Of Value Added Course

Electronics and Maintenance of Home Appliances

Introduction

The Department of Physics, CMS College Kottayam conducted an Add On Course on "Electronics and Maintenance of Home Appliances" from 04th January 2022 to 07th January 2022.

Learning about electronics and the maintenance of home appliances can be beneficial in many aspects. This will help us to use appliances cost effectively, will be effective in preventing accidents. Knowing how to fix problems regarding the appliance will help you to be self-sufficient and empowered. It will help to minimize the usage of energy and will open doors of career opportunities.

Objective

The objective of the course is to train students in order to use electrical appliances safely, avoiding accidents. They will be able to identify the faults and rectify simple electrical tools such as an electrical iron.

Method

The course was imparted through lectures (18 hours) and practical lab sessions (18 hours). 36 students from II nd Semester BSc Physics have attended the course. The evaluation of the study is done using proctored offline test containing objective type questions.

Result

The course provided an opportunity for students to understand the fundamentals of electronics and its applications in our day-to-day life.

Course Coordinator: Dr. Seema R , Assistant Professor, Department of Physics



HEAD OF THE DEPARTMENT OF PHYSICS
C.M.S COLLEGE, KOTTAYAM
KERALA, INDIA



Value Added Course

II BSc Physics January 2022

Electronics and Maintenance of Home Appliances

