

From

B.S.N. DEVARA

In- Charge

Department of Physics

To

The Principal

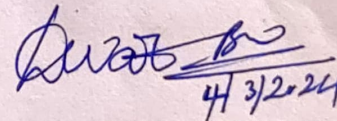
A.S.D. Government Degree college for women(A)

Respected Madam,

Department of Physics, would like conduct Certificate Course in “**Maintenance and Servicing of Domestic Electrical Appliances**”, For 1<sup>st</sup> year students of our college. Please grant permission to conduct certificate course from 11 th March 2024 to April end

Thanking you madam,

Yours sincerely



(B.S.N. DEVARA)

**A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A) KAKINADA**

**DEPARTMENT OF PHYSICS**



**CIRCULAR**

It is here by informed that all the students that, Department of Physics will conduct a certificate course on "Maintenance and Servicing of Domestic Electrical Appliances" from 11<sup>th</sup> March 2024 till April end. Interested students give your names in the department on or before *10<sup>th</sup> March 2024*

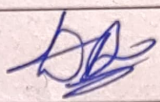
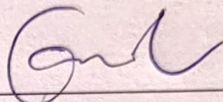

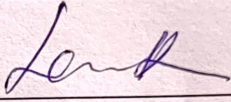

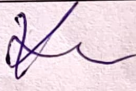
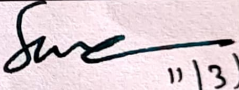
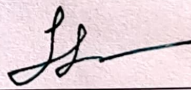
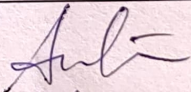
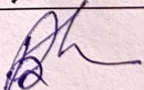
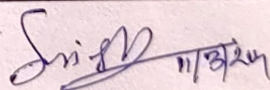

Signature of the Principal

**PRINCIPAL**  
**A.S.D. GOVT. DEGREE COLLEGE (W)**  
**AUTONOMOUS**  
**KAKINADA**

Signature of In-Charge

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A) KAKINADA

DEPARTMENT OF PHYSICS

CLASS	
I-Physics	
I-Mathematics	
I-Computers	
I-Chemistry	
I-Botony	
I-Zoology	
I-Home science	 11/3/21
I-History	
I-Economics	
I-Political science	
I-B.Com-General	 11/3/21
I-B.Com-CA	

# Attendance

NAME	Designation Reg. No.	11/03/24	12/03/24	13/03/24	14/03	15/03	16/03	18/03	19/03	20/03	21/03
		B.V.V.L. Jyothi	2372001	P	P	P	P	P	P	P	P
K. Vijaya Durga	2003	P	P	P	P	P	P	P	P	P	P
Syed Korishma	4015	P	P	P	P	P	P	P	P	P	P
Y. Suchitha Devi	4016	P	P	P	P	P	P	P	P	P	P
A. Bhavya Sri	4019	P	P	P	P	P	P	P	P	P	P
C. N. Chakravani	4020	P	P	P	P	P	P	P	P	P	P
C. Mary Grace	4021	P	P	P	P	P	P	P	P	P	P
G. Sravani	4023	P	P	P	P	P	P	P	P	P	P
G. Kalyani	4024	P	P	P	P	P	P	P	P	P	P
K. Pravalika	4025	P	P	P	P	P	P	P	P	P	P
K. Pavani	4026	P	P	P	P	P	P	P	P	P	P
K.D maheswari	4027	P	P	P	P	P	P	P	P	P	P
M. Leena	4028	P	P	P	P	P	P	P	P	P	P
N. D. Nagamani	4029	P	P	P	P	P	P	P	P	P	P
O. Sirisha	4030	P	P	P	P	P	P	P	P	P	P
P. Ramya	4031	P	P	P	P	P	P	P	P	P	P
S. Rehini	4033	P	P	P	P	P	P	P	P	P	P
U. Manohari	4035	P	P	P	P	P	P	P	P	P	P
Y. Vasantha Kumari	4036	P	P	P	P	P	P	P	P	P	P
Y. Sri Lalitha	4037	P	P	P	P	P	P	P	P	P	P
		<del>P</del>	<del>P</del>	<del>P</del>	<del>P</del>	<del>P</del>	<del>P</del>	<del>P</del>	<del>P</del>	<del>P</del>	<del>P</del>

# Register

	12/3	13/3	14/3	15/3	16/3	17/3	18/3	19/3	20/3	21/3	22/3	23/3	31	Remarks
	P	P	P	A	A	P	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	A	P	P	P	P	P	P	
P	A	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
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P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	
P	P	P	P	P	P	A	P	P	P	P	P	P	P	

The work was successfully completed with practical approach & certificates were distributed to the 30 participants.

*(Signature)*  
 LECTURER IN CHARGE  
 Department of Physics  
 A. S. Govt. Degree College for Women  
 KAKINADA.



**ANNAVARAM SATHYAVATHI DEVI GOVERNMENT  
DEGREE COLLEGE FOR WOMEN (AUTONOMOUS)**

Re-Accredited by NAAC with "B" Grade in Cycle-III

KAKINADA - 523002



**DEPARTMENT OF PHYSICS  
CERTIFICATE COURSE TEST**

**Maintenance and Servicing of Domestic Electrical Appliances**

Name: B.V.V.L. Syethi

Class/Group: - II<sup>nd</sup> BSC (Physics) Year: II<sup>nd</sup> year

30  
30

- 1) **Form factor of a sine wave is**  
a) 1.414 b) 0.707  1.114 d) 0.637
- 2) **What is the frequency of the AC Mains in India?**  
a) 60 Hz  50 Hz c) 40HZ d) 30HZ
- 3) **Which of the following can measure an alternating current?**  
a) Voltmeter  Ammeter c) Suspended coil galvanometer d) Coil
- 4) **The unit of frequency is**  
a) Cycle b) Cycle-Second c) Hertz/Second  Hertz
- 5) **What is Transformer?**  
 a) Transformer is a device used to convert low alternating voltage to a high alternating voltage  
b) Transformer is a device used to convert alternating current to direct current  
c) Transformer is a device used to convert low alternating current to a high alternating current  
d) Transformers are used only for low alternating voltage
- 6) **What is the working principle of a Transformer?**  
a) self-induction  mutual induction c) ampere law d) coulomb law
- 7) **Transformer ratings are given in \_\_\_\_\_**  
 a) kVA b) HP c) KVAR d) kW
- 8) **Two capacitors, each of 220  $\mu$ F, are connected in parallel. The capacitance of the combination will be**  
a) 110 $\mu$ F b) 220 $\mu$ F  440 $\mu$ F d) 550  $\mu$ F
- 9) **If the resistance of a material falls with increasing temperature said to have:**  
 a) negative temperature coefficient b) positive temperature coefficient  
c) zero temperature coefficient
- 10) **The fourth band of a four band resistor is marked in silver. This indicates a tolerance**  
 a) 5% b) 10% c) 20%
- 11) **The full form of MCB is**  
a) Main Circuit Breaker  Miniature Circuit Breaker c) Mask Circuit Breaker
- 12) **The full form of ELCB is**  
a) Earth Line Circuit Breaker b) Earth Current Breaker  Earth Leakage Current Breaker
- 13) **What is the principal on which MCB work?**  
 a) Magnetic effect of electric current b) Lenz law c) Faradays law
- 14) **What is the standard colour of ac supply ground wire in India?**  
a) Red b) Magenta c) Pink  Green



28  
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**DEPARTMENT OF PHYSICS  
CERTIFICATE COURSE TEST**

**Maintenance and Servicing of Domestic Electrical Appliances**

Name: *N. Divya nagamani* Class/Group *computer science* Year: *II<sup>nd</sup> year*

1) **Form factor of a sine wave is**

- a) 1.414 b) 0.707 c) 1.114 d) 0.637

2) **What is the frequency of the AC Mains in India?**

- a) 60 Hz b) 50 Hz c) 40HZ d) 30HZ

3) **Which of the following can measure an alternating current?**

- a) Voltmeter b) Ammeter c) Suspended coil galvanometer d) Coil

4) **The unit of frequency is**

- a) Cycle b) Cycle-Second c) Hertz/Second d) Hertz

5) **What is Transformer?**

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d) Transformers are used only for low alternating voltage

6) **What is the working principle of a Transformer?**

- a) self-induction b) mutual induction c) ampere law d) coulomb law

7) **Transformer ratings are given in \_\_\_\_\_**

- a) kVA b) HP c) KVAR d) kW

8) **Two capacitors, each of 220  $\mu$ F, are connected in parallel. The capacitance of the combination will be**

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**DEPARTMENT OF PHYSICS  
CERTIFICATE COURSE TEST**

**Maintenance and Servicing of Domestic Electrical Appliances**

28  
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Name: *Y. Vasantha Kumari*

Class/Group :- *B.Sc (computer)* Year: *II<sup>nd</sup>*

- 1) **Form factor of a sine wave is**  
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**ANNAVARAM SATHYAVATHI DEVI GOVERNMENT  
DEGREE COLLEGE FOR WOMEN (AUTONOMOUS)**

Re-Accredited by NAAC with "B" Grade in Cycle-III

KAKINADA - 533002



**DEPARTMENT OF PHYSICS  
CERTIFICATE COURSE TEST**

**Maintenance and Servicing of Domestic Electrical Appliances**

Name: U. MANOHARI

Class/Group :- BSC (Computer) Year: II<sup>nd</sup>

28  
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**A S D Govt.Degree College for Women(A) Kakinada**

**Department of Physics**

## **Certificate of Appreciation**

This certificate is awarded to 2372001 **BONDA VEERA VENKATA LAKSHMI JYOTHI** Physics Honours for the successful completion of Certificate Course on "Maintenance and servicing of domestic electrical appliances" ( Course code CC23MSDEA/Phy) conducted by Physics Department from 11<sup>th</sup> March to April 30, 2024.



*V. N. S.*  
PRINCIPAL  
A.S.D. GOVT. DEGREE COLLEGE (W)  
AUTONOMOUS  
KAKINADA

Principal

*Deva BSN*  
\_\_\_\_\_

In-charge



**A.S.D Govt. Degree College(Women)(A)  
Kakinada**  
**Photo gallery of Certificate course 23-24**



**A.S.D Govt. Degree College(Women)(A)  
Kakinada**  
**Photo gallery of Certificate course 23-24**



