



TaranathShikshanaSamsthe
Laxmi Venkatesh Desai college, Raichur
Affiliated to Raichur University, Raichur & Re-accredited by NAAC with B Grade



Index for Add-On Course

Title: Motion and Electricity

Academic Year: 2021-22

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Taranath Shikshana Samsthe



LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.
(Affiliated to Raichur University, Raichuri. Re-Accredited by NAAC with "B" Grade)


Dr.Venkatesh B. Devaru, M.Sc.,Ph.D.,MBA.
PRINCIPAL

Office of the Principal
Ph:(08532)-240286, 240707
Fax:+918532 240707
e-mail: lvdrccr@gmail.com
Website: www.lvdcollege.com

Date: 5/1/2022

TO WHOMEVER IT MAY CONCERN

This is to certify that, the college has introduced the Add_On course on, "Motion and Electricity" with the duration of 30 hours introduced in 2021-22. The said programme is apart from the existing course curriculum.


Head of the Department
Head of the Physics Department
L. V. D. College,
RAICHUR-584 101

Principal



Date: 05.01.2022

To
The Principal,
LVD College, Raichur.

From
Head
Department of Physics

Respected Sir,

Sub: Permission to start an Add_On course

With respect to the above sited subject I, the undersigned request you to grant permission to start an Add_On course titled "MOTION AND ELECTRICITY" to B.Sc I/II/III year students. The details of syllabus and duration are enclosed. This course helps students to build up their skills. Kindly grant the permission.

Thanking You,

Yours faithfully,

(Dr. Chakradhar B.)
Head of the Physics Department
L.V.D. College.
RAICHUR-584 101

Permitted
Principal
L.V.D. College, RAICHUR-03.



Taranath Shikshana Samsthe



LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.

(Affiliated to Gulbarga University, Kalaburagi. Re-Accredited by NAAC with "B" Grade)

Dr.Venkatesh B. Devaru, M.Sc.,Ph.D.,MBA.
PRINCIPAL

Office of the Principal
Ph:(08532)-240286, 240707
Fax:+918532 240707
e-mail: lvdrer@gmail.com
Website:www.lvdcollege.com

Date: 27/01/2022

ORDER Sub: Meeting of Board of Studies members

A meeting of the following BOS constituted is hereby convened on 27/01/2022 at 11:00 AM in the Department of Physics, LVD College,Raichur

BOARD OF APPOINTMENT OF BOS MEMBERS FOR ADD-ONCOURSE MOTION AND ELECTRICITY

1)	Dr. Yesappa L. Assistant professor of physics University of Agricultural sciences Raichur.	Chairman Assistant Professor of Physics College of Agricultural Engineering UAS, RAICHUR-584 104.
2)	DR. Vinayak Assistant Professor Department of Physics GFGC, Jewrgi	Member Vinayak
3)	Sri.Sharana Gouda B H Head of the Department Department of Physics LVD College, Raichur	Member Sri.Sharana Gouda B H L. V. D. College, RAICHUR-584101

The Chairman and the members are requested to make it convenient to attend
THE BOS Meeting

PRINCIPAL
PRINCIPAL
L.V.D. College, RAICHUR-03.

02



DATE: 24.01.2022

To
The Principal,
LVD College,
Raichur.


Respected Sir,

Sub: Acceptance to be the chairman of BOS.

with reference to the above-cited subject I Dr. Yesappa L. Assistant professor of physics University of Agricultural sciences Raichur. received your letter of request to be a Chairman of BOS, for the Add-on Course to be conducted by your college.

Hence, I give my consent and accept your request as a BOS Chairman.

Thanking You,


Yours Sincerely,
Assistant Professor of Physics
College of Agricultural Engineering
UAS, RAICHUR-584 104.

DATE: 24.01.2022

To
The Principal,
LVD College,
Raichur.

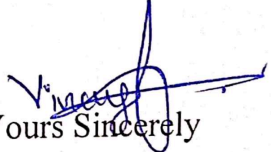
Respected Sir,

Sub: Acceptance to be a Member of BOS.

with reference to the above-cited subject I, **Dr Vinayak Assistant Professor Department of Physics GFGC, Kalaburagi**, received your letter of request to be a Member of BOS, for the Add-on Course to be conducted by your college

Hence, I give my consent and accept your request as a BOS Member.

Thanking You,


Yours Sincerely



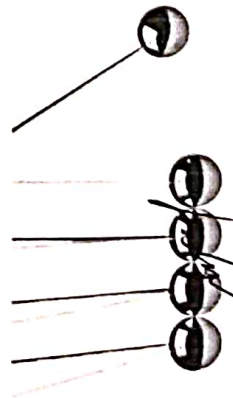
Course include

Motion and Measurement of Distances

- o Measurement
 - a. Measurement of Length
 - b. Measurement of Mass
 - c. Measurement of Time
- o Transportation
- o Units of Measurement
- o Motion
- o Types of Motion

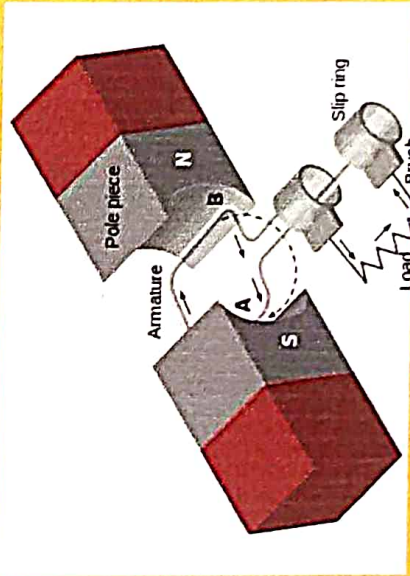
Electricity and Circuits

- o Electric Cell
- o Electric Bulb
- o Electric Circuit
- o Electrical Switch
- o Electric Torch
- o Conductors and Insulators
- o Electrical Safety



Objectives

- students will be able to measure length, mass, and time with their units.
- Students will be able to make connections between force, motion, and energy
- Students are able to gain knowledge about cell, bulb and circuit
- Students are able to understand and differentiate among conductors and insulators



To join contact

- Miss. Chaitra (Department of physics)
- Mr. Akshay K (Department of physics)



TARANATH
SHIKSHANA
SHAMSTHE

Laxmi Venkatesh Desai College, Raichur

Re-Accredited by NAAC with B grade

Department of physics

2022-23



**offers an add-on course on
MOTION AND ELECTRICITY**

Co-ordinator

Internal Quality Assurance Cell (IQAC)
Laxmi Venkatesh Desai College, RAICHUR-03.



L.V.D. College, RAICHUR-03.


Laxmi Venkatesh Desai College, Raichur


Affiliated to Gulbarga University, Kalaburagi & Re-Accredited by NAAC with B Grade


Department of Physics


Notice

All the B.Sc I/II/III year students are hereby informed that department of physics is introducing Add-on course titled "MOTION AND ELECTRICITY" interested students should register their name to the course coordinator for the certificate course in physics department on or before 13.01.2022 at 1:40 PM to 2:30 PM

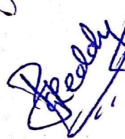

Head of the Physics Department
L. V. D. College
RAICHUR-584 101


B.A II year


B.A. III year.


B.Sc Ist year


B.A


B.A
Ist year

SYLLABUS

MOTION AND ELECTRICITY

COURSE OUTCOMES.

- students will be able to measure length, mass, and time with their units.
- Students will be able to make connections between force, **motion**, and energy
- Students are able to gain knowledge about cell, bulb and circuit
- Students are able to understand and differentiate among conductors and insulators

UNIT –I- Motion and Measurement of Distances


- Measurement
 - a. Measurement of Length
 - b. Measurement of Mass
 - c. Measurement of Time
- Transportation
- Units of Measurement
- Motion
- Types of Motion

UNIT – II- Electricity and Circuits

- Electric Cell
- Electric Bulb
- Electric Circuit
- Electrical Switch
- Electric Torch
- Conductors and Insulators
- Electrical Safety

REFERENCES

1. UNIVERSITY PHYSICS BY Samuel J ling , Jeff Sanny, William Moebis
2. College Physics by Paul Peter Urone
3. NCERT SIXTH STANDARD TEXT BOOK


PRINCIPAL
L.V.D. College, RAICHUR-03.

06



TANMATH SHIKSHANA SAMSTHE'S

LAXMI VENKATESH DESAI COLLEGE , RAICHUR.

ADD ON COURSE TIME TABLE FOR B.Sc I, III & V SEMESTER, DEPARTMENT OF PHYSICS, 2021-22.

TIME DAYS	09-30 TO 10-20 AM (THEORY)	10-20 TO 12-00 PM (IV SEM LAB)	12-00 TO 12-50PM (THEORY)	12-00 TO 1-40PM (II SEM LAB)	01-40 TO 02-30 PM	02-30 TO 04-10 PM (VI SEM LAB)	04-10 TO 5- 00 PM (THEORY)
Monday					LUNCH BREAK		ADD ON COURSE
Tuesday							ADD ON COURSE
Wednesday							ADD ON COURSE
Thursday							ADD ON COURSE
Friday							ADD ON COURSE
Saturday							ADD ON COURSE

Head of Department.
Head of the Physics Department
L. V. D. College,
RAICHUR-584 101.

Principal
Principal
L.V.D. College, RAICHUR-03.

Laxmi Venkatesh Desai College, Raichur

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Attendance Sheet

Department of Physics																																	
Attendance: 2021-2022			Value added certificate Course : MOTION AND ELECTRICITY																	Faculty Name: miss CHAITRA													
Sl. No	Register No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	2068762	S CHANNABASAVA	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2.	2068777	RANGANATH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3.	2068808	PRIYANKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4.	2068817	MAMATHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5.	2068836	KASIMBI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6.	2068840	ASHWINI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
7.	2068854	BHAGAMMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
8.	2068872	VEERESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9.	2068873	SUJATHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10.	2068924	N RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11.	2068955	NAVEEN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12.	2068975	CHANNABASAVA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
13.	2069018	MANJUNATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
	Sign of faculty		01/02	02/02	04/02	06/02	06/02	07/02	08/02	09/02	11/02	13/02	13/02	16/02	17/02	18/02	20/02	21/02	22/02	23/02	24/02	24/02	25/02	25/02	27/02	01/03	04/03	06/03	13/03	17/03	23/03	24/03	28/03

<p style="text-align: center;"><i>Chaitra</i> Signature of Faculty</p>	<p style="text-align: center;"><i>[Signature]</i> Signature of Head of the Physics Department L. V. D. College, RAICHUR-584 101.</p>	<p style="text-align: center;"><i>[Signature]</i> Signature of Principal PRINCIPAL L.V.D. College, RAICHUR-03.</p>
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LaxmiVenkatesh Desai College, Raichur

Affiliated to Gulbarga University, Kalaburagi & Re-Accredited by NAAC with B Grade

Department of Physics

Report of Add_On course

Department of Physics conducted add-on Course for the interested students from 01.02.2022 to 25.3.2022. Around 32 students were enrolled for the course. After completing this course the students were able to measure the length mass and time accurately and understand the different types of motion. Students have taken the benefits from the course.

Duration :30 hrs

Started on: 01.02.2022

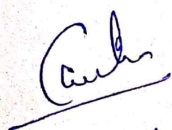
Completed on: 25.3.2022

Name of the Faculty : Miss. Chaitra

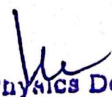
Total No of Students admitted: 33

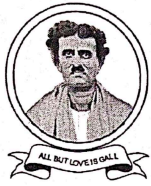
Total No of classes admitted: 30

Total No of Students benefited: 33



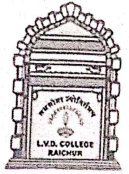
Miss. Chaitra
Dept of Physics.


Head of the Physics Department
L. V. D. College,
RAICHUR-584 101.



Taranath Shikshana Samsthe
Laxmi Venkatesh Desai College, Raichur.


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



Course Completion Certificate

This Certificate is awarded to Miss/Mr. ASHWINI

for successfully completing the course in " MOTION AND ELECTRICITY" conducted by Department of
Physics in the year 2021-22.


Faculty in charge


Head of the Department
Head of the Physics Department
L. V. D. College,
RAICHUR-584 101.


Principal
PRINCIPAL
L.V.D. College, RAICHUR-03.



Taranath Shikshana Samsthe

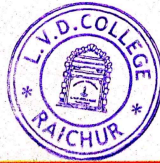
LAXMI VENKATESH DESAI COLLEGE RAICHUR

(Re-Accredited by NAAC with 'B' Grade)

Certificate

This is to Certify that Miss. / Mr. Ranganath Reddy
of B.Sc has completed the Certificate Course in
Motion and Electricity
Conducted by the Department of Physics from
01.02.2023 to 25.03.2023

Head of the Department



Principal
L.V.D. College, RAICHUR-03.



Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE RAICHUR

(Re-Accredited by NAAC with 'B' Grade)

Certificate

This is to Certify that Miss. / Mr. Priyanka
of B.Sc has completed the Certificate Course in
Motion and Electricity
Conducted by the Department of Physics from
01.02.2023 to 25.03.2023

Head of the Department



[Signature]
PRINCIPAL
L.V.D. COLLEGE RAICHUR-03.
Principal

Taranath Shikshana Samsthe's
LAXMI VENKATESH DESAI COLLEGE, RAICHUR.
DEPARTMENT OF PHYSICS

Time: 30 Minutes

Course Title – Motion and Electricity

Max Marks: 40

Instructions to candidates:

1. Answer all the questions.

1. The path length travelled by a body in a given time interval is known as _____.
 - a. distance
 - b. velocity
 - c. acceleration
 - d. moment

2. A body moving in a straight line has a uniform motion if it travels _____ distance in equal time intervals.
 - a. equal
 - b. unequal

3. What does the slope of the velocity-time graph give?
 - a. speed
 - b. velocity
 - c. acceleration
 - d. displacement

4. The physical quantity that has both magnitude and direction is known as
 - a. vectors
 - b. scalars
 - c. Both(a) and (b)
 - d. Neither (a) or (b)

5. Electrical resistivity of a given metallic wire depends upon
 - a. Its length
 - b. Its thickness
 - c. Its shape
 - d. Nature of the material

6. Unit of electric power may also be expressed as

- a. Volt-ampere
- b. Kilowatt-hour
- c. Watt second
- d. Joule second

7. What is the relationship between resistance and current?

- a. They are directly related to each other
- b. They are inversely related to each other
- c. The resistance has a greater magnitude than the current
- d. The current has a greater magnitude than the resistance

8. Direction of flow of electric current is from

- a. Negative to positive terminal
- b. Positive to negative terminal
- c. Both
- d. None of the above

9. Which of the following is not characteristic of displacement

- a. it has both magnitude and direction
- b. it is always positive
- c. its magnitude is less than or equal to the actual path length of the object
- d. none of the above

10. In a uniform circular motion

- a. Velocity is constant
- b. Distance is constant
- c. Displacement is constant
- d. Speed is constant

Laxmi Venkatesh Desai College, Raichur

(Affiliated to Gulbarga University, Kalaburagi & Re-Accredited by NAAC with B Grade)

Value added certificate Course: MOTION AND ELECTRICITY Marks Sheet

SL.NO	REGISTER NUMBER	NAME OF THE STUDENT	MARKS
1.	2068762	S CHANNABASAVA	39
2.	2068777	RANGANATH REDDY	38
3.	2068808	PRIYANKA	40
4.	2068817	MAMATHA	40
5.	2068836	KASIMBI	39
6.	2068840	ASHWINI	38
7.	2068854	BHAGAMMA	38
8.	2068872	VEERESH	40
9.	2068873	SUJATHA	40
10.	2068924	N RAJU	40
11.	2068955	NAVEEN KUM AR	37
12.	2068975	CHANNABASAVA	38
13.	2069018	MANJUNATH	38
14.	2068676	CHAIT RA	38
15.	2068679	FRAJVAL	37
16.	2068813	H SANTHOSH	38
17.	2068697	MOHAMED RAFI	38
18.	2068732	TULSI PAWAR	38
19.	2068753	SHR AVANAKUMAR	39
20.	2068757	MCNIKA NAYAK	40
21.	2068762	S CHENNABASAVA	40
22.	2068851	RAMU NAYAK	38
23.	2068923	GIRIJA	38
24.	2068929	FAMESH	37
25.	2068933	SUSHMA	38
26.	2068941	S.HOBHA POOJAR	38
27.	206957	ERAMMA	39
28.	2068965	SHARANAYYA	39
29.	2068977	RAJESHAWARI	40
30.	2068997	SHAFIKA	40
31.	2069020	VEENASHRI	40
32.	2069038	PRASHANTH KUMAR	40
33.	2069044	MANIKANTA	40

Chaitra

Mrs. Chaitra

Dpt of Physics

