

B.L.D.E. Association's
S.B. ARTS AND K.C.P. SCIENCE COLLEGE,
VIJAYAPUR

Department of Physics

VALUE ADDED COURSE ON
REGULATED POWER SUPPLY
2023-2024

Course Code: 23UGVAPHY02
Course Co-ordinator: Dr. Vani R. Desai

B.L.D.E. Association's
S.B.ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR
Department of Physics
VALUE ADDED COURSE ON REGULATED POWER SUPPLY

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HOD

Head
Department of Physics
S.B.Arts & K.C.P.Science College
Vijayapur-586103.


IQAC Coordinator

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.


Principal

Principal,
S.B.Arts & KCP. Sc. College
Vijayapur.



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103
Accredited with CGPA of 2.99 at 'B' Grade in 4th Cycle by NAAC
(Affiliated to Rani Channamma University, Belagavi)
Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Date: 08/11/2023

To
The Principal
S.B.Arts and K.C.P Science College Vijayapur

Subject: Permission for conducting value added course in Physics Department (Regulated Power Supply) for B.Sc. II SEM students.

Respected Madam,

We are planning to conduct value added course entitled "Regulated Power Supply" for our B.Sc. II SEM students. The course will be benefitting the students to bridge curriculum gap between first year learning and higher semesters prerequisite by training them on Regulated Power Supply experiments. Herewith, we kindly request you to grant permission for conducting the same.

Objective: To provide additional learners-centric graded skill oriented technical training with Primary objectives of improving the employability skill.

Outcomes: At the end of the course the student will be able to understand and design the electrical circuits using basic electrical elements.

Name of the department: Physics

Title of the course: Regulated Power Supply

Course code: 23UGVAPHY02

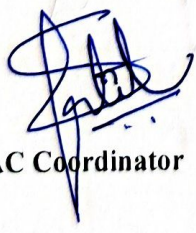
Semester: II SEM

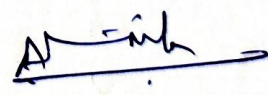
Duration of the course: 30 Hours

Course Coordinator: Dr. Vani R. Desai

Type of Assessment: Theory 30 marks and practical 20 marks (Total 50 Marks).

Thanking you.


IQAC Coordinator


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DEPARTMENT OF PHYSICS

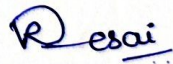
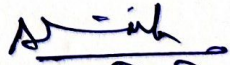
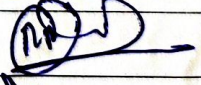
The meeting of value added course committee for the academic year 2023-2024 was held on 02/01/2024 in the Physics department to discuss on the agenda.

The detail information about value added course was given below

Name of the department: Physics
Title of the course: Regulated Power Supply
Course code: 23UGVAPHY02
Semester: II SEM
Duration of the course: 30 Hours
Course Coordinator: Dr. Vani. R. Desai
Type of Assessment: Theory 30 marks and practical 20 marks (Total 50 Marks).

The following value added course committee members were present.

I. INTERNAL MEMBERS

Sl. NO.	Name of the member	Designation	Signature
1	Dr. R.M Mirdhe	Principal	
2	Dr. P.S.Patil	IQAC Coordinator	
3	Dr.Maheshkumar K	NAAC Coordinator	
4	Dr. Vani. R. Desai	Chairman and course coordinator	
5	Dr. Anil.B.Naik	Head of the department of Physics	
6	Dr. Pradeep Chavan	Member	
7	Smt. Swati Patil	Member	

II. EXTERNAL MEMBER

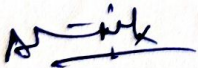
Sl. NO.	Name of the member	Designation	Signature
1	Prof. Megharaj.B.Naik Assistant Professor and HOD SSPO Government first grade college, Muddebihal	Member	 ಮುಖ್ಯಸ್ಥರು, ಭೌತಶಾಸ್ತ್ರ ವಿಭಾಗ ಶಾ. ಎಸ್. ಪಿ. ಒಸ್ಕಾಲ ಸರಕಾರಿ ಪ್ರಥಮ ದರ್ಜೆ ಕಾಲೇಜು, ಮುದ್ದೇಬಿಹಾಳ-586212.

Agenda:

- 1) To discuss about introduction of value added course for UG Physics students.
- 2) Approval of the syllabus of the value added course.

Proceeding:

- The meeting of value added course for the academic year 2023-2024 started at 11am in the presence of Principal.
- The HOD of Physics department welcomed all the members of value added course committee.
- The meeting was started with the discussion of the agenda.
- The meeting concluded with the approval of the syllabus of value added course for the B.Sc students.
- The meeting was ended with vote of thanks by the chairman to all the members present in the meeting.



HOD

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Principal,

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Vijayapur.

**B.L.D.E. Association's
S.B. ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR
Department of Physics**

Value added Course for B.Sc Physics

Course Title: Regulated Power Supply

Course Code: 23UGVAPHY02

AIM

- To ensure excellent standards that would secure them international acclimation and leadership in tremendous challenging world.
- To developing the overall personality of its students by making them not only excellent professionals but also good individuals with understanding and regard for human values.

OBJECTIVES

- To provide additional learners-centric graded skill oriented technical training with primary objectives of improving the employability skill.
- To provide students an understanding of expectations of industry.
- To provide an opportunity to develop inter-disciplinary skills.
- To identify and develop the talents of students community in both curricular and extra-curricular areas.

SYLLABUS

Total hours allotted: 30 hours

Unit I: Basic elements (Resistor, Inductor & Capacitor) & its working. Colour coding of resistor & current rating of resistance. Transformers its principal working, types of transformer current rating of transformer. Multimeter & testing of components using multimeter. **(4 Hours)**

Unit II: Instantaneous current time period, frequency, wavelength, peak or maximum amplitude, peak to peak value, effective current or RMS value of current & voltage, the average current & Voltage, power in ac ckt. Phase & phase difference. Inductive reactance & capacitive reactance. **(4 Hours)**

Unit III: Working of half wave, full wave & bridge rectifier. Rectifier with capacitor filter (shunt capacitor filter), with series inductor filter, LC filter & π -section filter. Ripple factor, efficiency & voltage regulation for each filter.

(6 Hours)

Unit IV: Zener diode: It's working & characteristics, zener diode are used as regulated power supply. Design consideration with one example. Concept of IC, Three pin IC regulator block diagram, 78xx series & 79xx series. Dual power supply.

(6 Hours)

Practical's: Five practical's of two hour duration

(10 hours)

List of experiments

1. Half wave, full wave & bridge rectifier
2. Rectifier with capacitor filter (shunt capacitor filter)
3. Rectifier with LC filter & π -section filter.
4. Characteristics, zener diode & used as regulated power supply.
5. Dual power supply.

Note:

1. Experiments are of two hours duration.
2. Five experiments to be performed.

Reference books

- 1) Solid state electronics by Agarawal & Agarawal
- 2) Basics electronics by B.K. Bagade & Singh
- 3) Principales of electronics by Malivno
- 4) Electricity & magnetism by Murgeshan
- 5) Electricity & magnetism by Brijjal & shubruman

Duration of the Course:

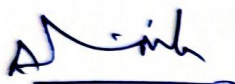
Theory of **20 hours** and Practical **10 hours** Total **30 Hours**

Evaluation:

Students will be evaluated through the examination conducted by the physics department at the end of the course and they will be awarded course certificate accordingly.

Theory Paper of 30 marks

Practical of 20 marks



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DEPARTMENT OF PHYSICS

Date: 15-05-2024

Value Added Course

Notice

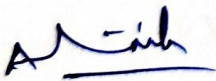
It is informed that Value Added Course on "Regulated Power Supply" will be conducted from 01-06-2024 to 30-06-2024. Registration is open. So, interested students are asked to enroll your names for the above mentioned course as earlier as possible with the Course Coordinator at Physics department.

Department: Physics

Last Date of Registration: 20-05-2024

Course Co-ordinator: Dr. Vani R. Desai

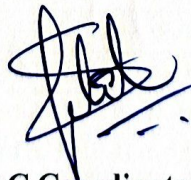
Email ID: vanidesai5@gmail.com



HOD

Head

**Department of Physics
S.B.Arts & K.C.P.Science College
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IQAC Coordinator

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Principal,

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S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF PHYSICS
Value Added Course: 2023-24

STUDENT ENROLLMENT LIST

Sl. No	UUCMS NO.	Name of Students
1	U15KM23S0004	PRATEEKSHA
2	U15KM23S0005	PRIYA VITHAL BENKI
3	U15KM23S0006	ASHWINI BIRADAR
4	U15KM23S0008	MAYURI MAHADEV GAYAKAWAD
5	U15KM23S0009	NIKHIL MALLAPPA MARSANALLI
6	U15KM23S0010	YOGINI SUNIL JADHAV
7	U15KM23S0011	SIDDARAM CHIDANAND NAVI
8	U15KM23S0014	BHOOMIKA VIBHOOTIMATH
9	U15KM23S0015	RAKSHITA PUJARI
10	U15KM23S0016	MASIDDA LAYAPPA BIRADAR
11	U15KM23S0017	KUMAR SATTEPPA BIRADAR
12	U15KM23S0018	PAVITRA GIRAMALLA TELI
13	U15KM23S0025	SWATI KANAMADI
14	U15KM23S0028	BHAGYASHRI INDI
15	U15KM23S0047	AKSHATA VITTAL HIREKOL
16	U15KM23S0048	PAVANKUMAR
17	U15KM23S0058	VISHWANATH MANJALKAR
18	U15KM23S0060	SNEHA SACHIN BHAJANTRI
19	U15KM23S0064	SHRIDEVI HANAMANT MULAJI
20	U15KM23S0066	ANIRUDDH SUNGAR
21	U15KM23S0067	AISHWARYA MANAGULI
22	U15KM23S0071	DANAMMA MALLIKARJUN BIDARI
23	U15KM23S0075	BHUVANESHWARI V. HIREMATHA
24	U15KM23S0084	SUMATI BABALAD
25	U15KM23S0086	SUSHMITA TADALAGI
26	U15KM23S0087	BHAGYASHREE SIDDAPPA JAMBAGI
27	U15KM23S0088	BHAGYASHREE M. BADIGER
28	U15KM23S0089	MOUNESH VISHWAKARMA
29	U15KM23S0095	SUSHMITA RAJKUMAR HUKKERI
30	U15KM23S0098	REKHA SUBHAS RATHOD



HOD

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IQAC coordinator

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DEPARTMENMT OF PHYSICS

Date: 25/05/2024

Value Added Course

Notice

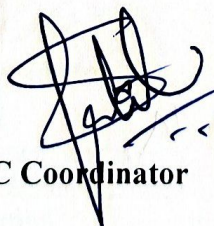
It is here by informed that the "Value added course" (**Regulated Power Supply**) Theory and Practical Classes will commence from 01/06/2024 to 30/06/2024 for the academic year 2023-24. Therory classes will be conducted in LH-1 at 8.00am and practical's will be conducted in physics lab-1 at 7.30am.

Students those who are selected, attend the classes regularly without fail.



HOD

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Vijayapur-586103.**



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Principal

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S.B. ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF PHYSICS**

Value Added Course – Regulated power supply

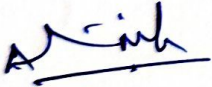
List of the faculty

2023-24

Course Co-ordinator: Dr. Vani R Desai

Faculty Name:

1. Dr. Anil B. Naik
2. Dr. P. S. Patil
3. Dr. Pradeep Chavan
4. Smt. Swati Patil



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DEPARTMENT OF PHYSICS

Value Added Course-Regulated Power Supply

Time Table 2023-24

Time / Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
7.30 am To 9.30 am						Practical PHY LAB 1
8.00 am To 9.00 am (9.30 am)	Theory ROOM NO: LH 1 (ABN)	Theory ROOM NO: LH (PSP)	Theory ROOM NO: LH 1 (PC)	Theory ROOM NO: LH 1 (VRD)	Theory ROOM NO: LH 1 (SSP)	

Course Co-ordinator: Dr. Vani R Desai (VRD)
Faculty Name: Dr. Anil B. Naik (ABN), Dr. P. S. Patil (PSP), Dr. Pradeep Chavan (PC), Smt. Swati Patil (SSP)
NOTE: Every Monday to Wednesday 1 HOUR class.
 Thursday to Friday 1 HOUR 30 MINUTES class.


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DEPARTMENT OF PHYSICS

Value Added Course-Regulated Power Supply

Theory Attendance Report 2023-24

Sl. No	UUCMS NO.	Name	3/6/24	4/6/24	5/6/24	6/6/24	7/6/24	8/6/24	9/6/24	10/6/24	11/6/24	12/6/24	13/6/24	14/6/24	15/6/24	16/6/24	17/6/24	18/6/24	19/6/24	20/6/24	21/6/24	22/6/24	23/6/24	24/6/24	
1	U15KM23S0004	PRATEEKSHA	1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2	U15KM23S0005	PRIYA VITHAL BENKI	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
3	U15KM23S0006	ASHWINI BIRADAR	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
4	U15KM23S0008	MAYURI MAHADEV	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
5	U15KM23S0009	NIKHIL MALLAPPA	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
6	U15KM23S0010	YOGINI SUNIL JADHAV	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
7	U15KM23S0011	SIDDARAM CHIDANAND NAVI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
8	U15KM23S0014	BHOOMIKA VIBHOOTIMATH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
9	U15KM23S0015	RAKSHITA PUJARI	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
10	U15KM23S0016	MASIDDA LAYAPPA BIRADAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11	U15KM23S0017	KUMAR SATTEPPA BIRADAR	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
12	U15KM23S0018	PAVITRA GIRAMALLA TELI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	U15KM23S0025	SWATI KANAMADI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
14	U15KM23S0028	BHAGYASHRI INDI	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
15	U15KM23S0047	AKSHATA VITTAL HIREKOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

Sl. No	UUCMS NO.	Name	3/6/24	4/6/24	5/6/24	6/6/24	7/6/24	8/6/24	9/6/24	10/6/24	11/6/24	12/6/24	13/6/24	14/6/24	15/6/24	16/6/24	17/6/24	18/6/24	19/6/24	20/6/24	21/6/24	22/6/24	23/6/24	24/6/24	25/6/24	26/6/24	27/6/24
16	U15KM23S0048	PAVANKUMAR	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	U15KM23S0058	VISHWANATH MANJALKAR	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	U15KM23S0060	SNEHA SACHIN BHAIANTRI	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	U15KM23S0064	SHRIDEVI HANAMANT MULAJI	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	U15KM23S0066	ANIRUDDH SUNGAR	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	U15KM23S0067	AISHWARYA MANAGULI	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	U15KM23S0071	DANAMMA MALLIKARIJUN	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	U15KM23S0075	BHUVANESHWARI V.	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	U15KM23S0084	SUMATI BABALAD	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	U15KM23S0086	SUSHMITA TADALAGI	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	U15KM23S0087	BHAGYASHREE SIDDAPPA	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	U15KM23S0088	BHAGYASHREE M. BADIGER	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	U15KM23S0089	MOUNESH VISHWAKARMA	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	U15KM23S0095	SUSHMITA RAJKUMAR	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	U15KM23S0098	REKHA SUBHAS RATHOD	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

A. S. S.

HOD
Head

Department of Physics
S.B.Arts & K.C.P.Science College
Vijayapur-586103.

[Signature]

IQAC Coordinator

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
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[Signature]

Principal,
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**B.L.D.E ASSOCIATION'S
S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF PHYSICS**

Value Added Course-Regulated Power Supply

Practical Attendance Report 2023-24

Sl. No	UUCMS NO.	Name	1/6/24	28/06/24	15/06/24	22/06/24	29/06/24
1	U15KM23S0004	PRATEEKSHA	1	2	3	5	5
2	U15KM23S0005	PRIYA VITHAL BENKI	1	2	3	5	5
3	U15KM23S0006	ASHWINI BIRADAR	1	2	3	5	5
4	U15KM23S0008	MAYURI MAHADEV	1	2	3	5	5
5	U15KM23S0009	NIKHIL MALLAPPA	1	2	3	5	5
6	U15KM23S0010	YOGINI SUNIL JADHAV	1	2	3	5	5
7	U15KM23S0011	SIDDARAM CHIDANAND NAVI	1	2	3	5	5
8	U15KM23S0014	BHOOMIKA VIBHOOTIMATH	1	2	3	5	5
9	U15KM23S0015	RAKSHITA PUJARI	1	2	3	5	5
10	U15KM23S0016	MASIDDA LAYAPPA BIRADAR	1	2	3	5	5
11	U15KM23S0017	KUMAR SATTEPPA BIRADAR	1	2	3	5	5
12	U15KM23S0018	PAVITRA GIRAMALLA TELI	1	2	3	5	5
13	U15KM23S0025	SWATI KANAMADI	1	2	3	5	5
14	U15KM23S0028	BHAGYASHRI INDI	1	2	3	5	5
15	U15KM23S0047	AKSHATA VITTAL HIREKOL	1	2	3	5	5

Sl. No	UUCMS NO.	Name	1/6/24	08/06/24	15/06/24	22/06/24	29/06/24
16	U15KM23S0048	PAVANKUMAR	1	2	3	4	5
17	U15KM23S0058	VISHWANATH MANJALKAR	1	2	3	4	5
18	U15KM23S0060	SNEHA SACHIN BHAIJANTRI	1	2	3	4	5
19	U15KM23S0064	SHRIDEVI HANAMANT MULAJI	1	2	3	4	5
20	U15KM23S0066	ANIRUDDH SUNGAR	1	2	3	4	5
21	U15KM23S0067	AISHWARYA MANAGULI	1	2	3	4	5
22	U15KM23S0071	DANAMMA MALLIKARJUN	1	2	3	4	5
23	U15KM23S0075	BHUVANESHWARI V.	1	2	3	4	5
24	U15KM23S0084	SUMATI BABALAD	1	2	3	4	5
25	U15KM23S0086	SUSHMITA TADALAGI	1	2	3	4	5
26	U15KM23S0087	BHAGYASHREE SIDDAPPA	1	2	3	4	5
27	U15KM23S0088	BHAGYASHREE M. BADIGER	1	2	3	4	5
28	U15KM23S0089	MOUNESH VISHWAKARMA	1	2	3	4	5
29	U15KM23S0095	SUSHMITA RAJKUMAR	1	2	3	4	5
30	U15KM23S0098	REKHA SUBHAS RATHOD	1	2	3	4	5

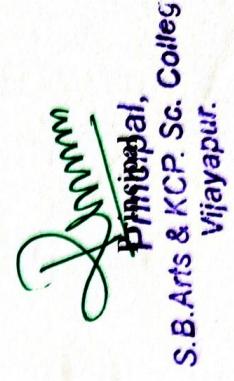
Q. No. 1



**HOD
Head**
Department of Physics
S.B.Arts & K.C.P.Science College
Vijayapur-586103.



IQAC Coordinator
IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.


Principal,
S.B.Arts & K.C.P. Sc. Colleg
Vijayapur.

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DEPARTMENT OF PHYSICS

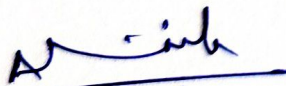
Value Added Course Examination 2023-24

Date: 03/07/2024

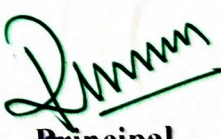
Notice

The value added course theory & practical examinations will be conducted on the below dates. All the students attend both the exams without fail.

	Date	Room No	Time
Theory	09/07/2024	LH. 01	9.00 AM to 10 AM
Practical	10/07/2024	Physics Lab.1	9.00 AM to 11 AM


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Value Added Course -Theory Examination 2023-24

Course code: 23UGVAPHY02

Time: 01 Hour

Max. Marks: 30

I. Answer any 6 questions

(5 X 6 = 30 Marks)

1. Explain the working of Inductor filter with neat diagram.
2. Explain the working of Full wave rectifier with neat diagram.
3. Describe the testing of electronic components using multimeter.
4. Explain the terms Amplitude, Time period, Frequency, Wave length, and Phase.
5. Explain the terms RMS value of current, Power of an ac circuit, Inductive reactance and capacitive reactance
6. Explain the working of Half wave rectifier with neat diagram.
7. Explain the working of capacitor filter with neat diagram.
8. Explain the working & characteristics of Zener diode with suitable diagram.

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Value Added Course Practical Examination 2023-24

List of Question Slips

Subject code: 23UGVAPHY02

Time: 02 hour

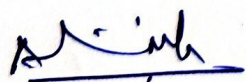
Max. Marks: 20

1. Set up full wave rectifier with capacitor filter. Study the variation of voltage with load. Calculate percentage of regulation.
2. Set up half wave & full wave rectifiers using semiconductor diodes. Study the variation of voltage with load. Calculate percentage of regulation.
3. Set up dual power supply. Study its dual characteristics.
4. Study the characteristics of zener diode. Mark the break down voltage & break down region on the graph. Calculate resistance of zener diode.
5. Set up full wave rectifier with Inductor-capacitor filter. Study the variation of voltage with load. Calculate percentage of regulation.
6. Set up full wave bridge rectifier. Study the variation of voltage with load. Calculate percentage of regulation.

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Value Added Course: 2023-24

MARKS LIST

Sl. No	UUCMS NO.	Name of Students	Marks		
			Theory	Practical	Total
1	U15KM23S0004	PRATEEKSHA	30	20	50
2	U15KM23S0005	PRIYA VITHAL BENKI	29	20	49
3	U15KM23S0006	ASHWINI BIRADAR	30	20	50
4	U15KM23S0008	MAYURI MAHADEV	29	19	48
5	U15KM23S0009	NIKHIL MALLAPPA	30	19	49
6	U15KM23S0010	YOGINI SUNIL JADHAV	29	20	49
7	U15KM23S0011	SIDDARAM	30	18	48
8	U15KM23S0014	BHOOMIKA	29	19	48
9	U15KM23S0015	RAKSHITA PUJARI	28	20	48
10	U15KM23S0016	MASIDDA LAYAPPA	30	18	48
11	U15KM23S0017	KUMAR SATTEPPA	30	20	50
12	U15KM23S0018	PAVITRA GIRAMALLA	29	18	47
13	U15KM23S0025	SWATI KANAMADI	29	19	48
14	U15KM23S0028	BHAGYASHRI INDI	30	18	48
15	U15KM23S0047	AKSHATA VITTAL	29	20	49
16	U15KM23S0048	PAVANKUMAR	28	20	48
17	U15KM23S0058	VISHWANATH	30	19	49
18	U15KM23S0060	SNEHA SACHIN	29	18	48
19	U15KM23S0064	SHRIDEVI HANAMANT	28	20	48
20	U15KM23S0066	ANIRUDDH SUNGAR	29	20	49
21	U15KM23S0067	AISHWARYA	30	19	49
22	U15KM23S0071	DANAMMA	30	18	48
23	U15KM23S0075	BHUVANESHWARI V.	29	20	49
24	U15KM23S0084	SUMATI BABALAD	28	20	48
25	U15KM23S0086	SUSHMITA TADALAGI	29	19	48
26	U15KM23S0087	BHAGYASHREE	30	19	49
27	U15KM23S0088	BHAGYASHREE M.	30	19	49
28	U15KM23S0089	MOUNESH	28	20	48
29	U15KM23S0095	SUSHMITA RAJKUMAR	29	20	49
30	U15KM23S0098	REKHA SUBHAS	30	19	49


HOD
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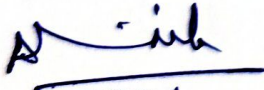
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DEPARTMENT OF PHYSICS**

**Value Added Course on Regulated Power Supply
2023-24**

Report on Course Outcome

Report of Value Added Course

Name of the value added course	: Regulated Power Supply
Course code	: 23UGVAPHY02
Course Coordinator of the VAC	: Dr. Vani R. Desai
Duration of the course	: 01-06-2024 to 30-06-2024
No. of Hours of the course	: 30 Hours
Total number of participants enrolled	: 30
For VAC	
Successfully Completed	: 30
Type of Assessment	: Descriptive (Theory 30 marks and Practical 20 Marks)


HOD

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DEPARTMENT OF PHYSICS
2023-2024**

Value Added Course on Regulated Power Supply

Date: 12-07-2024

Student's Feedback

Rate the following aspects with tick marks (✓)

Aspects	Ratings			
	Satisfactory (1)	Good (2)	Very Good (3)	Excellent (4)
1. Course Contents and Relevance				
2. Organization and Conduction				
3. Trainers Expertise				
4. Usefulness of Course / Skill Development				

Comments (if any):

Feedback Question Analysis

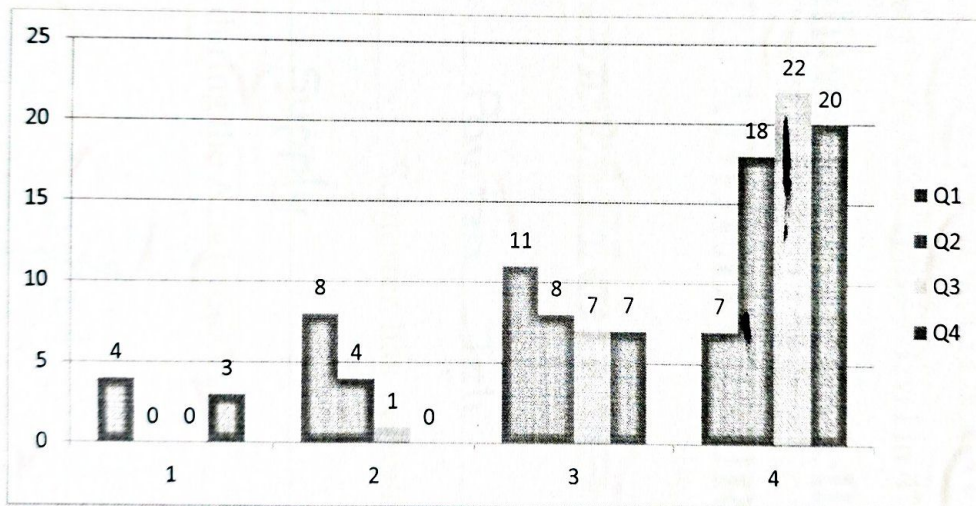
Questions Asked

Q1. Course Contents and Relevance
Q2. Organization and Conduction
Q3. Trainers Expertise
Q4. Usefulness of Course / Skill Development

Ratings

1. Satisfactory
2. Good
3. Very Good
4. Excellent

Ratings Questions	1	2	3	4
Q1	4	8	11	7
Q2	0	4	8	18
Q3	0	1	7	22
Q4	3	0	7	20



Ratings

[Signature]

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[Signature]

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S.B.Arts & K.C.P.Science College,
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Internal Quality Assurance Cell Initiative VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. Pavitra Teli of B.Sc

Programme Studying II Semester has completed the Value Added Course on

Regulated Power Supply Conducted by the Department

of Physics during the Academic Year 2023 - 24



Head of the Department



IQAC Co-ordinator



Principal



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Internal Quality Assurance Cell Initiative VALUE ADDED COURSE

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This is to certify that Mr./Ms. Shridevi Mulaji of B.Sc
Programme Studying II Semester has completed the Value Added Course on
Regulated Power Supply Conducted by the Department
of Physics during the Academic Year 2023-24

Head of the Department

IQAC Co-ordinator

Principal



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Internal Quality Assurance Cell Initiative
VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. Bhagyashree Badiger of B.Sc
Programme Studying II Semester has completed the Value Added Course on
Regulated Power Supply Conducted by the Department
of Physics during the Academic Year 2023-24

Head of the Department

IQAC Co-ordinator

Principal



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Internal Quality Assurance Cell Initiative VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. Rekha Rathod of B.Sc

Programme Studying II Semester has completed the Value Added Course on

Regulated Power Supply Conducted by the Department

of Physics during the Academic Year 2023-24

Head of the Department

IQAC Co-ordinator

Principal



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Internal Quality Assurance Cell Initiative
VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. Mounesh Vishwakarma of B.Sc
Programme Studying II Semester has completed the Value Added Course on
Regulated Power Supply Conducted by the Department
of Physics during the Academic Year 2023-24

Head of the Département

IQAC Co-ordinator

Principal