



SPVVS'S

**G.P.PORWAL ARTS, COMMERCE &
V.V.SALIMATH SCIENCE COLLEGE,
SINDGI**



BROCHURE



DEPARTMENT OF PHYSICS

**CERTIFICATE COURSE
2021-22**

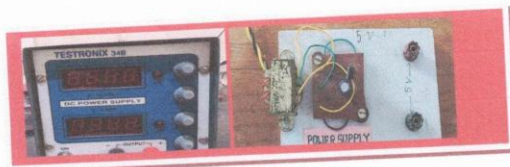
Title : PREPARATION OF POWER SUPPLY

DATE:20/10/2021 TO 21/12/2021


**Head
Dept. of Physics
G.P.P. Arts, Commerce & V.V.S.Science
College, SINDAGI - 586 128.**


**Coordinator IQAC
P. PORWAL ARTS, COM &
V. SALIMATH Sc. College,
SINDGI-586128.**


**Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5234**



S.P.V.V.S.S.
G.P. PORWAL ARTS, COMMERCE AND
V.V. SALIMATH SCIENCE COLLEGE,
SINDGI - 586 128

DEPARTMENT OF PHYSICS

CERTIFICATE COURSE DETAILS

INSTRUCTIONAL DESIGN

NAME OF THE COURSE

PREPARATION OF POWER SUPPLY

OFFERED BY

DEPARTMENT OF PHYSICS

COURSE CODE

PHYPS.2021-22

COURSE COORDINATOR

SHRI M.H.LONI

HOD, PHYSICS

30 HOURS (This course is of Thirty Hrs duration which include Theory and Practical)

ABOUT COLLEGE

G.P.Porwal Arts, Commerce & V.V.Salimath Science College is the first science college in Sindagi Taluk of Vijayapura district which provides education in science stream at U.G. level to the educationally, economically and socially backward students of this Taluk. Since 1988, many students are graduated with B.Sc in Physics is one of the optional subject.

IQAC of G.P.Porwal Arts, Commerce & V.V.Salimath Science College, in its meeting decided to introduce few self financed certificate courses from the academic sessions 2021-22. The continuation of these courses will depend on interest and participation of students

ELIGIBILITY

All students belonging to V semester are eligible to enroll for the course


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SINDGI-586128. College Code: 5234

OBJECTIVES

Every home in the modern world is equipped with Home Appliances which work with the help of Electrical/Electronic power supplies. Some time a casual faults in the equipments e.g. Mixer Grinder, Refrigerator, TV sets, Geysers, Air Conditioners. etc. may be due to loose contact in the connections. When such kind of difficulty arises at homes the people become panic. In such circumstances the students who have completed the certificate course “ PREPARATION OF POWER SUPPLY “ can be able to

- Find out minor faults in electronic equipments
- Repair the Appliances
- Understand basic knowledge about construction of Power supply

The students can Establish a small scale industry

BENEFITS OF PREPARATION OF POWER SUPPLY

1. Safety when power misbehaves

2. Bridge the connectivity gap
3. Protecting reputations
4. Protect the public and other businesses
5. Choose from multiple design

COURSE OUTCOMES

After completion of course the student is able to

- Design the desired voltage power supply
- Find out the fault in any other power supplies
- To repair minor faults
- Soldering
- Minor carpentry work
- To repair minor household electric wiring faults etc
- Know Short circuit reasons
- Aware of Electric Shocks

BOARD OF STUDIES

- 1) Prof. M.H.Loni (HOD)
- 2) Dr.B.G.Math
- 3) Mr.M.U.Madagonda
- 4) M.J.Bagban

THANK YOU


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Dept. of Physics
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SINDGI-586128 DIST: VIJAYAPUR

Department of Physics

To,
The Coordinator,
IQAC

Date: 06/10/2021

Academic Year: 2021-22

Sub: Request for Permission to Introduce Certificate Course in Physics

Sir/Madam,

With reference to subject cited above I would like to bring to your kind information that; our Department is going to introduce Certificate Course for B.Sc. V semester students. Kindly permit us the same for the welfare of our students.

Hoping that the authority will do the needful and oblige

Thanking you

Place; Sindgi

Date: 06/10/2021

Head of Department,

Head,
Dept. of Physics
G.P.P. Arts, Commerce & V.V.S. Science
College, SINDAGI - 586 128.

Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College,
SINDGI-586128.

Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
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G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATHSCIENCE COLLEGE,
SINDGI-586128 DIST: VIJAYAPUR

Date:07/10/2021

To,
Head,
Department of Physics

Academic Year:2021-22

Sub: Permission to Introduce Certificate Course in the Dept. of Physics

Ref: Your letter Dated: 06/10/2021

Sir/Madam,

With reference to subject cited above I herewith permit you to introduce
Certificate Course for B.Sc. V semester students.

Thanking you

Place; Sindgi

Date:07/10/2021

Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College,
SINDGI-586128.

Coordinator IQAC
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Principal,
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SINDGI-586128

Date: 11/10/2021

Department of Physics

NOTICE

It is hereby informed to all the students of BSc V semester that Certificate course on
"Preparation of Power supply " will be started in our college, hence interested students
may apply on or before 13-10-2021

Contact:

Prof. M.H.Loni, (HOD)

Prof.Manjunath U Madagonda

Prof. M J Bagban


Coordinator IQAC
G. P. PORWAL ARTS, COM &
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Principal,
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SINDGI-586128 DIST: VIJAYAPUR

DEPARTMENT OF PHYSICS

CERTIFICATE COURSE

OBJECTIVES

Title of the Course: **PREPARATION OF POWER SUPPLY**

Every home in the modern world is equipped with Home Appliances which work with the help of Electrical/Electronic power supplies. Some time a casual faults in the equipments e.g. Mixer Grinder, Refrigerator, TV sets, Geysers, Air Conditioners. etc. may be due to loose contact in the connections. When such kind of difficulty arises at homes the people become panic. In such circumstances the students who have completed the certificate course "PREPARATION OF POWER SUPPLY" can be able to

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SINDGI-586128 DIST: Bijapur

Department of Physics

Certificate course

➤ Preparation of Power supply Academic Year 2021-22

Syllabus:- 30 hrs

✓ **Capacitor, Resistor, Transformer**

Capacitor:- Color code, types of capacitors, tolerance, series and parallel connection of capacitors, voltage rating of capacitors, **Resistors:-** Carbon resistors, wire wind resistors, metal film resistors, color code, tolerance, series and parallel connection of resistors, ohms law, wattage of resistors, **Inductors :-** Air core inductors and iron core inductors, **Transformer:-** turn ratio, types i.e. step up and step down transformer, current rating, mutual inductance, regulator using transistor **15 hrs**

✓ **Diode, Rectifier, Filters, Regulator (Zener diode, 3 pin regulator)**

Semiconductors, intrinsic and extrinsic semiconductors, P type and n type semiconductors, junction diode, transistor, biasing(forward and backward), zener diode, rectifier, half wave rectifier, full wave rectifier using diode, static rectifier, filters, condenser filter, L- section filter, Pi- section filter, breeder resistance, **Testing of power supply:-** open circuit voltage, current rating, output resistance, 3 pin regulator **15 hrs**

Practicals: 6 hrs

- ✓ Soldering, Drilling, Terminal fitting
- ✓ Workshop, Preparation of PCB

Board of Syllabus committee

- 1) Prof. M.H.Loni (HOD)
- 2) Dr.B.G.Math
- 3) Mr.M.U.Madagonda
- 4) M.J.Bagban


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G.P. PORWAL ARTS, COMMERCE & V.V. SALIMATH SCIENCE COLLEGE, SINDAGI

ENROLMENT OF STUDENTS

SUBJECT : Physics

Certificate Course 2021-22 Class : B.Sc. V SEM

SL NO	Regd No.	StudentName	Sign
1	S1928801	ABHISHEK BASANAGOUDA PATIL	
2	S1928805	AKASH	
3	S1928806	AKASH KAPASE	
4	S1928808	AKSHATA CHINNAGOL	
5	S1928810	ALTAF MADDARAKI	
6	S1928811	AMOGHASIDDA	
7	S1928812	ANAND A HACHHADAD	
8	S1928814	ARATI A HOSAMANI	
9	S1928815	ARCHANA	
10	S1928816	ASHA JERATAGI	
11	S1928819	BHAGESHKUMAR	
12	S1928820	BHAGYASHREE AWARADI	
13	S1928824	CHANDRAKANT	
14	S1928825	CHETAN	
15	S1928826	DAVALAMALIKA HIPPARAGI	
16	S1928828	DEVENDRAPPA	
17	S1928830	DHARESH KEMBAVI	
18	S1928832	GAJANAND PAWAR	
19	S1928833	GAUTAM APANNA PUJARI	
20	S1928834	GAYATRI NAYAK	
21	S1928835	GEETA BIRADAR	
22	S1928836	GEETA KALLUR	
23	S1928837	GOLLAL	
24	S1928838	GOLLALESH T BAJANTRI	
25	S1928840	GURUSHANTGOUDA H PATIL	
26	S1928841	GURUSHANTH	
27	S1928842	HAMIDAPATEL	
28	S1928843	JAVERIYA	
29	S1928845	KASHINATH TALAWAR	
30	S1928846	KAVERI ITAGATTI	
31	S1928847	KAVERI KOLARI	
32	S1928848	KAVITA ITAGATTI	
33	S1928849	KAVYASHREE	
34	S1928850	KAVYASHREE S ANKALAKOTI	
35	S1928856	LAXMIBAI S CHAVHAN	
36	S1928857	MAHANTESH S SAJJAN	
37	S1928858	MAHANTESHA	

Head

Dept. of Physics

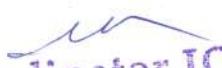
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SL NO	Regd No.	StudentName	sign
38	S1928860	MALAPPA GUDDYAL	


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SL NO	Regd No.	StudentName	Sign
39	S1928861	MALLANAGOUD BIRADAR	MB
40	S1928862	MALLIKARJUN S HIREKURUBAR	MSB
41	S1928865	MAMATASHREE RODAGI	MB
42	S1928866	MANJULA NAYKODI	Manjula
43	S1928867	MANOJ	Manoj
44	S1928868	MEGHA HIREMATH	megha
45	S1928870	NAGESH BIRADAR	Nagesh
46	S1928872	NARASAPPA SHIRASHYAD	NS
47	S1928873	NARASAPPA UMADI	NSB
48	S1928875	NEELAMBIKA	MB
49	S1928876	NIKHITA H BIRADAR	NH
50	S1928878	NINGAMMA	N
51	S1928880	NOORJAHAN NATIKAR	N
52	S1928881	P RAJANIKANT	P
53	S1928886	POOJA PAWADI	P
54	S1928887	POOJA PUJARI	P
55	S1928889	PRABHUGOUDA PATIL	P
56	S1928891	PRAJWAL BAYKOD	P
57	S1928895	PRAVEEN MARATHE	P
58	S1928899	PRIYANKA JOGUR	P
59	S1928900	PUJARI SANGMESH CHIDANAND	P
60	S1928901	PUNIK KOTI	P
61	S1928902	RAGHAVENDRA KUMBAR	R
62	S1928903	RAHUL SHREEMANT HADAPAD	RSH
63	S1928904	RAJASHREE BIRADAR	R
64	S1928905	RAJESHWARI	R
65	S1928906	RAJESHWARI SATIHAL	R
66	S1928907	RAJU KESARATTI	R
67	S1928908	RAJU MADIWALAKAR	R
68	S1928912	RASHMI DESAI	R
69	S1928914	RENUKA	R
70	S1928916	SACHIN MARABAD	S
71	S1928918	SAIPAN B KATNALLI	S
72	S1928919	SAJIDA KORABU	S
73	S1928920	SAMPATHKUMAR S GUNARI	S
74	S1928921	SANA	S
75	S1928922	SANDEEP S PADASHETTI	S
76	S1928923	SANTOSH KATTIMANI	S
77	S1928924	SANTOSH S BIRADAR	S
78	S1928926	SATEESH HOSAMANI	S

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SL NO	Regd No.	StudentName	Sign
79	S1928929	SAVITRI KALLUR	
80	S1928932	SHANMUKAYYA GHALIMATH	
81	S1928934	SHANTALA A CHITPUR	
82	S1928935	SHANTGOUDA ROOGI	
83	S1928939	SHARANAMMA ROLLI	
84	S1928940	SHILPA NAGANOOR	
85	S1928941	SHIVASHARAN	
86	S1928942	SHOBHA L PUJARI	
87	S1928944	SHRIDEVI	
88	S1928946	SHRUTI	
89	S1928947	SHWETA BHAGAPPA YALAWAR	
90	S1928948	SHWETA NAYAK	
91	S1928949	SIDDALING GUNDUMANI	
92	S1928950	SIDDANA GOWDA B C	
93	S1928955	SOUMYASHREE RAMPUR	
94	S1928956	SUDHARANI	
95	S1928957	SUNANDA	
96	S1928958	SUPRIYA B KALABURGI	
97	S1928959	SUPRIYA DHANAPAL	
98	S1928960	SWARNA	
99	S1928961	TABASUM M BIRADAR	
100	S1928964	V VIDYASHREE	
101	S1928965	VAIBHAV MALLI	
102	S1928966	VARUN	
103	S1928967	VENKATESH NAYAK	
104	S1928969	VIJAYAKUMAR DUGUR	
105	S1928970	VIJAYAKUMAR KUDAGI	
106	S1928971	VIJAYALAXMI ALUR	
107	S1928972	VIJAYALAXMI PATIL	
108	S1928973	VISHWANATH	
109	S1928975	VIVEKANAND MATHAPATI	
110	S1928977	SNEHA HIREMATH	
111	S1833051	PAVITRA	
112	S1925128	PRAVEEN G ANGADI	

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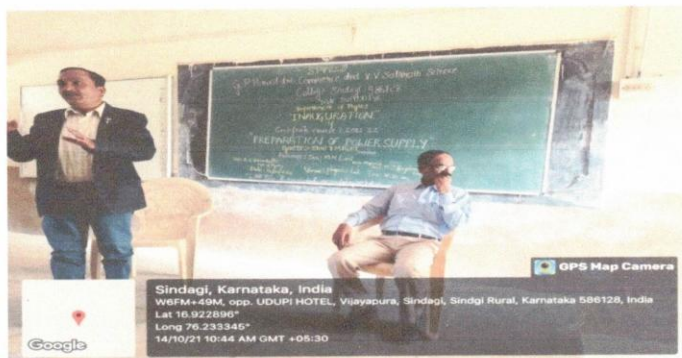
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SINDGI-586128 DIST: VIJAYAPUR

DEPARTMENT OF PHYSICS

INUGURATION OF CERTIFICATE COURSE: 2021-22




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Date: 18/10/2021

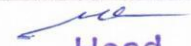
Department of Physics

: Certificate course :

(only for Fifth semester)

THEORY & PRACTICAL TIME TABLE -2021-22

Days	TIME		Name of the faculty
	THEORY	PRACTICAL	
Monday	3PM to 4PM		1) Prof. M.H.Loni (HOD) 2) Dr.B.G.Math 3) Manjunath Madagonda 4) M J Bagabn
Tuesday	3PM to 4PM		
Wednesday	3PM to 4PM		
Thursday	3PM to 4PM		
After completion of all Theory		3PM TO 5PM	
		3PM TO 5PM	


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			B.S.C. V SEMESTER 2021-22										THEORY ATTENDANCE										
SUBJECT : Physics				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
SL NO	Regd No.	StudentName		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	S1928801	ABHISHEK BASANAGOUDA PATIL		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
2	S1928805	AKASH		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
3	S1928806	AKASH KAPASE		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
4	S1928808	AKSHATA CHINNAGOL		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
5	S1928810	ALTAF MADDARAKI		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
6	S1928811	AMOGHASIDDA		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
7	S1928812	ANAND A HACHHADAD		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
8	S1928814	ARATI A HOSAMANI		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
9	S1928815	ARCHANA		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
10	S1928816	ASHA JERATAGI		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
11	S1928819	BHAGESHKUMAR		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
12	S1928820	BHAGYASHREE AWARADI		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
13	S1928824	CHANDRAKANT		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
14	S1928825	CHETAN		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
15	S1928826	DAVALMALIKA HIPPARAGI		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
16	S1928828	DEVENDRAPPA		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
17	S1928830	DHARESH KEMBAVI		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
18	S1928832	GAJANAND PAWAR		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
19	S1928833	GAUTAM APANNA PUJARI		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
20	S1928834	GAYATRI NAYAK		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
21	S1928835	GEETA BIRADAR		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
22	S1928836	GEETA KALLUR		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
23	S1928837	GOLLAL		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
24	S1928838	GOLLALESH T BAJANTRI		P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S

Head
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Coordinator IQAC
G. P. PORWAL ARTS, COM &
M. V. CALMATH

Principal,
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G.P. PORWAL ARTS, COMMERCE & V.V. SALIMATH SCIENCE COLLEGE, SINDAGI

G.P. PORWAL ARTS, COMMERCE & V.V. SALIMATH SCIENCE COLLEGE, SINDAGI																																											
		B.S.C. V SEMESTER 2021-22																																PRACTICAL ATTENDANCE						THEORY TEST		PRACTICAL TEST	
SUBJECT : Physics		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	32	33	34	35	36	37	38	39	40		
SL NO	Regd No.	StudentName																																									
1	S1928801	ABHISHEK BASANAGOUA PATIL																																									
2	S1928805	AKASH																																									
3	S1928806	AKASH KAPASE																																									
4	S1928808	AKSHATA CHINNAGOL																																									
5	S1928810	ALTAF MADDARAKI																																									
6	S1928811	AMOGHASIDDA																																									
7	S1928812	ANAND A HACHHADAD																																									
8	S1928814	ARATI A HOSAMANI																																									
9	S1928815	ARCHANA																																									
10	S1928816	ASHA JERATAGI																																									
11	S1928819	BHAGESHKUMAR																																									
12	S1928820	BHAGYASHREE AWARADI																																									
13	S1928824	CHANDRAKANT																																									
14	S1928825	CHETAN																																									
15	S1928826	DAVALAMALIKA HIPPARAGI																																									
16	S1928828	DEVENDRAPPA																																									
17	S1928830	DHARESH KEMBAVI																																									
18	S1928832	GAJANAND PAWAR																																									
19	S1928833	GAUTAM APANNA PUJARI																																									
20	S1928834	GAYATRI NAYAK																																									
21	S1928835	GEETA BIRADAR																																									
22	S1928836	GEETA KALLUR																																									
23	S1928837	GOLLAL																																									
24	S1928838	GOLLALESH T BAJANTRI																																									

Principal

Head
Dept. of Physics
G.P.P. Arts, Commerce & V.V.S. College

Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College.

Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586178. College Code: 5234

			THEORY ATTENDANCE																			
SL NO	Regd No.	StudentName	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
52	S1928881	P RAJANIKANT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	S1928886	POOJA PAWADI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	S1928887	POOJA PUJARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	S1928889	PRABHUGOUDA PATIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	S1928891	PAJWAL BAYKOD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	S1928895	PRAVEEN MARATHE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	S1928899	PRIYANKA JOGUR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	S1928900	PUJARI SANGMES CHIDANAND	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	S1928901	PUNIK KOTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	S1928902	RAGHAVENDRA KUMBAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	S1928903	RAHUL SHREEMANT HADAPAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	S1928904	RAJASHREE BIRADAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	S1928905	RAJESHWARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	S1928906	RAJESHWARI SATIHAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	S1928907	RAJU KESARATTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	S1928908	RAJU MADIWALAKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	S1928912	RASHMI DESAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	S1928914	RENUKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	S1928916	SACHIN MARABAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	S1928918	SAIPAN B KATNALLI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72	S1928919	SAJIDA KORABU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73	S1928920	SAMPATHKUMAR S GUNARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
74	S1928921	SANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
75	S1928922	SANDEEP S PADASHETTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Head
Dept. of Physics

Coordinator IQAC

Principal,
G. P. Boryal Arts, Comm &

			PRACTICAL ATTENDANCE																			
SL NO	Regd No.	StudentName	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
52	S1928881	P RAJANIKANT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	S1928886	POOJA PAWADI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	S1928887	POOJA PUJARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	S1928889	PRABHUGOUDA PATIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	S1928891	PAJWAL BAYKOD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	S1928895	PRAVEEN MARATHE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	S1928899	PRIYANKA JOGUR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	S1928900	PUJARI SANGMES CHIDANAND	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	S1928901	PUNIK KOTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	S1928902	RAGHAVENDRA KUMBAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	S1928903	RAHUL SHREEMANT HADAPAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	S1928904	RAJASHREE BIRADAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	S1928905	RAJESHWARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	S1928906	RAJESHWARI SATIHAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	S1928907	RAJU KESARATTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	S1928908	RAJU MADIWALAKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	S1928912	RASHMI DESAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	S1928914	RENUKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	S1928916	SACHIN MARABAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	S1928918	SAIPAN B KATNALLI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72	S1928919	SAJIDA KORABU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73	S1928920	SAMPATHKUMAR S GUNARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
74	S1928921	SANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
75	S1928922	SANDEEP S PADASHETTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Head
Dept. of Physics

Coordinator IQAC

Principal,
G. P. Boryal Arts, Comm &

SL NO	Regd No.	StudentName	THEORY ATTENDANCE																	
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18
76	S1928923	SANTOSH KATTIMANI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
77	S1928924	SANTOSH S BIRADAR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
78	S1928926	SATEESH HOSAMANI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
79	S1928929	SAVITRI KALLUR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
80	S1928932	SHANMUKAYYA GHALIMATH	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
81	S1928934	SHANTALA A CHITPUR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
82	S1928935	SHANTGOUDA ROOGI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
83	S1928939	SHARANAMMA ROLLI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
84	S1928940	SHILPA NAGANOR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
85	S1928941	SHIVASHARAN	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
86	S1928942	SHOBHA L PUJARI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
87	S1928944	SHRIDEVI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
88	S1928946	SHRUTI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
89	S1928947	SHWETA BHAGAPPA YALAWAR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
90	S1928948	SHWETA NAYAK	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
91	S1928949	SIDDALING GUNDUMANI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
92	S1928950	SIDDANA GOWDA B C	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
93	S1928955	SOUMYASHREE RAMPUR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
94	S1928956	SUDHARANI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
95	S1928957	SUNANDA	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
96	S1928958	SUPRIYA B KALABURGI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
97	S1928959	SUPRIYA DHANAPAL	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
98	S1928960	SWARNA	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
99	S1928961	TABASUM M BIRADAR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR

Head

Coordinator IQAC
G. P. Porwal Arts, Comm & PRACTICAL ATTENDANCE

Principal,
G. P. Porwal Arts, Comm & PRACTICAL ATTENDANCE

SL NO	Regd No.	StudentName	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18
76	S1928923	SANTOSH KATTIMANI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
77	S1928924	SANTOSH S BIRADAR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
78	S1928926	SATEESH HOSAMANI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
79	S1928929	SAVITRI KALLUR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
80	S1928932	SHANMUKAYYA GHALIMATH	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
81	S1928934	SHANTALA A CHITPUR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
82	S1928935	SHANTGOUDA ROOGI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
83	S1928939	SHARANAMMA ROLLI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
84	S1928940	SHILPA NAGANOR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
85	S1928941	SHIVASHARAN	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
86	S1928942	SHOBHA L PUJARI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
87	S1928944	SHRIDEVI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
88	S1928946	SHRUTI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
89	S1928947	SHWETA BHAGAPPA YALAWAR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
90	S1928948	SHWETA NAYAK	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
91	S1928949	SIDDALING GUNDUMANI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
92	S1928950	SIDDANA GOWDA B C	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
93	S1928955	SOUMYASHREE RAMPUR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
94	S1928956	SUDHARANI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
95	S1928957	SUNANDA	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
96	S1928958	SUPRIYA B KALABURGI	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
97	S1928959	SUPRIYA DHANAPAL	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
98	S1928960	SWARNA	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
99	S1928961	TABASUM M BIRADAR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR

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SL NO	Regd No.	StudentName	THEORY ATTENDANCE																			
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
100	S1928964	V VIDYASHREE	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
101	S1928965	VAIBHAV MALLI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
102	S1928966	VARUN	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
103	S1928967	VENKATESH NAYAK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
104	S1928969	VIJAYAKUMAR DUGUR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
105	S1928970	VIJAYAKUMAR KUDAGI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
106	S1928971	VIJAYALAXMI ALUR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
107	S1928972	VIJAYALAXMI PATIL	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
108	S1928973	VISHWANATH	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
109	S1928975	VIVEKANAND MATHAPATI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
110	S1928977	SNEHA HIREMATH	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
111	S1833051	PAVITRA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
112	S1925128	PRAVEEN G ANGADI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Head
Dept. of Physics
G.P.P. Arts, Commerce & V.V.S. Science
College, SINDAGI - 586 128.

Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College,
SINDGI-586128.

Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5234

SL NO	Regd No.	StudentName	PRACTICAL ATTENDANCE																			
			21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
100	S1928964	V VIDYASHREE	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
101	S1928965	VAIBHAV MALLI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
102	S1928966	VARUN	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
103	S1928967	VENKATESH NAYAK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
104	S1928969	VIJAYAKUMAR DUGUR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
105	S1928970	VIJAYAKUMAR KUDAGI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
106	S1928971	VIJAYALAXMI ALUR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
107	S1928972	VIJAYALAXMI PATIL	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
108	S1928973	VISHWANATH	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
109	S1928975	VIVEKANAND MATHAPATI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
110	S1928977	SNEHA HIREMATH	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
111	S1833051	PAVITRA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
112	S1925128	PRAVEEN G ANGADI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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SINDGI-586128

Date:10 /12/2021

Department of Physics

Certificate Course-2021-22

“Preparation of Power supply”

NOTICE

It is hereby informed to all the students of B.Sc V semester, who have
Enrolled in Certificate course to attend Practical and Theory examinations as per following
time table.

Date	Day	Time	Examination	Marks
20/12/2021	Monday	3:00pm to 4:30 pm	Theory	50
21/12/2021	Tuesday	3:00pm to 5:00pm	Practical	50


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COLLEGE , SINDGI-586128 DIST: Bijapur**

Date: 20/12/2021

Department of Physics

Certificate Course-2021-2022

"Preparation of Power supply"

(Only for Fifth semester)

Tme: 2 Hrs

Question Paper 2021-2022

Max Marks: 50

Q.No: 1 Answer any five of the following questions.

10 X 5 = 50

- 1) What is resistor? Explain its color code and series and parallel combination of resistors?
- 2) What is semiconductor? Explain its types? Explain biasing of junction diode?
- 3) What is capacitor? Describe its working And explain different types of capacitor?
- 4) What is rectifier and Explain full wave rectifier using diode?
- 5) a) What is transistor and Zener diode? Explain Working of any one?
b) What is filter? Explain L- section and π – section filters?


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STUDENT'S NAME	Abhishek patil		TOTAL MARKS OBTAINED
CLASS	BSC V sem	SUBJECT	Physics
ROLL NO.	51928801	DATE	

43
50



Resistors :- It is an electrical component that limits or regulates the flow of electrical current in an electronic circuit.

Explanation :-

colour coding in resistor

Resistor colour Table

Colour	Digit	multiplies
Black	0	1
Brown	1	10
Red	2	100
Orange	3	1000
Yellow	4	10000
Green	5	100000

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Resistors are using very fine wire and is changing to print resistance values them to represent the electrical resistor colour these colour bands are known as resistor colour codes the resistor colour code was invented in the 1920s by the Radio Manufacturers Association (RMA).

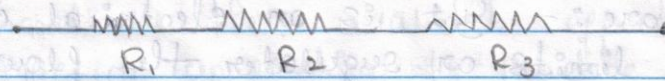
Resistors

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Head of Physics said to be connected in series when some amount of current flows through all the resistors in such circuits the voltage across each resistor is diff

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occurs then the entire circuit is turned off the construction of a Series circuit is simple compared to a parallel circuit.



for above circuit the total resistance is given as

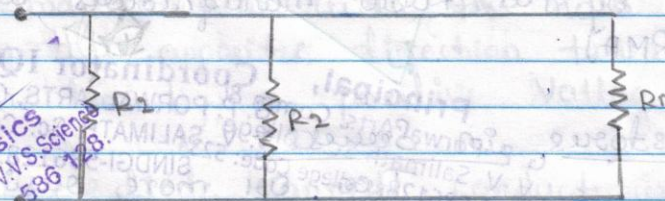
$$R_{\text{total}} = R_1 + R_2 + \dots + R_n$$

the total resistance of the system is just the total sum of individual resistances

Resistors in parallel:-

Two or more resistors are said to be connected in parallel when the voltage is the same across all the resistors. In such circuits the current is branched out and recombined when branches meet at a common point.

A resistor or any other component can be connected or disconnected easily without affecting other elements in a parallel circuit.



$$R_{\text{total}} = \frac{1}{\frac{1}{R_1} + \frac{1}{R_2} + \dots + \frac{1}{R_n}}$$

The sum of reciprocals of resistance of individual resistances is the total reciprocal resistance of the system.

Q7

⇒ Extrinsic Semiconductors are Semiconductors that are doped with specific impurities. The impurity modifies the electrical properties of the Semiconductor and makes it more suitable for electronic devices such as diodes and transistors.

Biasing: - Before using a pn-junction as a rectifying device we need to properly bias it. We connect a voltage potential across it.

Reverse Bias: - It refers to an external voltage which increases potential barrier when a diode is connected in RB. A positive voltage is applied to the p-type material. Electrons are attracted towards the positive electrode, away from junction towards negative electrode.

The net result is that Depletion layer grows wider due to lack of electrons and holes. A high potential barrier is created thus preventing current flow from semiconductor.

However, a very small voltage current does flow through junction which could be measured in micro amperes. At a condition if reverse bias voltage applied to the diode is increased at a high enough value, it will cause the diode's pn-junction to overheat and fail due to avalanche effect.

This may cause the diode to become shorted. Any will result in the flow of current.

- of maximum current in the circuit and this is shown as a steep downward slope in reverse characteristics

Sometimes this avalanche effect has a practical application to produce a fixed output voltage across a diode, it is termed as Zener diode. when a series limiting resistor is used with diode to limit reverse break down current to maximum value.

Forward Bias:- it refers to an external voltage which decreases potential barrier when a diode is connected in FB. a negative voltage is applied to n-types and a positive voltage is applied to the p-types material. In this external voltage becomes greater than value of potential (Si - 0.7V and Ge - 0.3V). The potential barrier opposition overcome and current flows. This is becomes the negative voltage sends electrons towards the junction giving them energy to cross over and combine with the holes being pushed in the opposite direction towards the junction by a positive voltage.

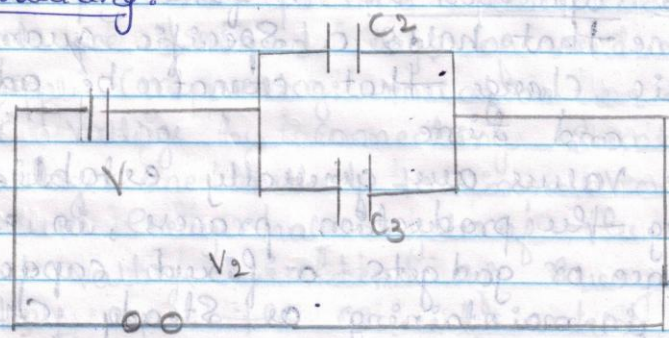
Since diode cannot conduct infinite current above knee point therefore we resistors are used in series to limit its current flow.

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3. $\Rightarrow$ As we know capacitor is one of the basic components used in an electrical circuit like resistors, inductors, and many more the capacitor is a passive device that is available.

Working:-

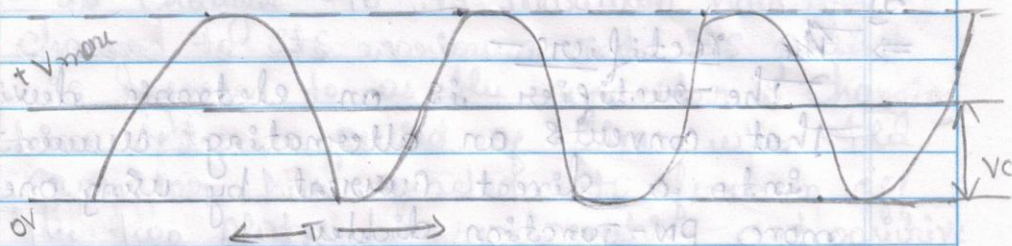


8. Consider the following circuit which shows the working principle of a parallel plate capacitor with a dielectric between them. Apply the voltage V_{AB} shown in the circuit with plate 1 being positive and plate 2 being negative. An electric field appears across the capacitor. When the voltage is supplied to these plates, plate 1 will carry a positive charge from the battery and plate 2 will carry a positive charge from the battery and plate 2 will carry a negative charge from the battery.

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The voltage is supplied for a period of time, during which time the capacitor is

Vishwas Silver



The full wave rectifier circuit consists as two power diodes connected to a single load resistance (R_L) with each diode taking it in turn to supply current to the load when point A of the transformer is positive with respect to point C, diode D_1 conducts in the forward direction as indicated by the arrows when point B is positive with respect to point C, diode D_2 conducts in the forward direction and the current flowing through resistor for 'R' is in the same direction for both half-cycles. As the output voltage across the resistor 'R' is the phasor sum of the two wave forms combined this type of full wave rectifier circuit is also known as a bi-phase circuit.

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1	S1928801	ABHISHEK BASANAGOUDA PATIL	43	45	ABP
2	S1928805	AKASH	40	42	Akash
3	S1928806	AKASH KAPASE	38	42	Akp
4	S1928808	AKSHATA CHINNAGOL	39	40	Ade
5	S1928810	ALTAF MADDARAKI	42	45	Altaf
6	S1928811	AMOGHASIDDA	46	42	Amog
7	S1928812	ANAND A HACHHADAD	39	44	Anand
8	S1928814	ARATI A HOSAMANI	45	46	Arati
9	S1928815	ARCHANA	47	42	Archana
10	S1928816	ASHA JERATAGI	45	44	Asha
11	S1928819	BHAGESHKUMAR	43	44	Bhagesh
12	S1928820	BHAGYASHREE AWARADI	44	47	Bhagya
13	S1928824	CHANDRAKANT	47	44	Chandr
14	S1928825	CHETAN	38	36	Chetan
15	S1928826	DAVALAMALIKA HIPPARAGI	31	35	Daval
16	S1928828	DEVENDRAPPA	39	42	Devend
17	S1928830	DHARESH KEMBAVI	42	45	Dhresh
18	S1928832	GAJANAND PAWAR	43	46	Gajana
19	S1928833	GAUTAM APANNA PUJARI	48	45	Gautam
20	S1928834	GAYATRI NAYAK	42	44	Gayatri
21	S1928835	GEETA BIRADAR	44	45	Geeta
22	S1928836	GEETA KALLUR	39	40	Geeta
23	S1928837	GOLLAL			
24	S1928838	GOLLALESH T BAJANTRI	43	45	Gollale
25	S1928840	GURUSHANTGOUDA H PATIL	47	43	Gurush
26	S1928841	GURUSHANTH	38	42	Gurush
27	S1928842	HAMIDAPATEL	35	41	Hamid
28	S1928843	JAVERIYA	32	40	Javeriya
29	S1928845	KASHINATH TALAWAR	41	45	Kashin
30	S1928846	KAVERI ITAGATTI			
31	S1928847	KAVERI KOLARI	47	35	Kaveri
32	S1928848	KAVITA ITAGATTI			
33	S1928849	KAVYASHREE	46	43	Kavya
34	S1928850	KAVYASHREE S ANKALAKOTI	41	47	Kavya
35	S1928856	LAXMIBAI S CHAVHAN	43	44	Laxmi
36	S1928857	MAHANTESH S SAJJAN	49	41	Mahant
37	S1928858	MAHANTESHA	43	45	Mahant
38	S1928860	MALAPPA GUDDYAL	42	39	Malappa

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			THEORY	PRACTICAL	
39	S1928861	MALLANAGAUD BIRADAR	42	43	MA
40	S1928862	MALLIKARJUN S HIREKURUBAR	45	40	MS
41	S1928865	MAMATASHREE RODAGI	39	40	Thad
42	S1928866	MANJULA NAYKODI	38	40	Manjula
43	S1928867	MANOJ	42	45	Manoj
44	S1928868	MEGHA HIREMATH	45	48	MEGHA
45	S1928870	NAGESH BIRADAR	47	41	NAGESH
46	S1928872	NARASAPPA SHIRASHYAD	43	45	NS
47	S1928873	NARASAPPA UMADI	44	42	NAB
48	S1928875	NEELAMBIKA	45	39	NEB
49	S1928876	NIKHITA H BIRADAR	40	42	NH
50	S1928878	NINGAMMA	42	44	Nm
51	S1928880	NOORJAHAN NATIKAR	48	45	NH
52	S1928881	P RAJANIKANT	42	45	P
53	S1928886	POOJA PAWADI	43	47	PJ
54	S1928887	POOJA PUJARI	44	45	PJ
55	S1928889	PRABHUGOUDA PATIL	39	36	Prabhu
56	S1928891	PRAJWAL BAYKOD	43	40	PB
57	S1928895	PRAVEEN MARATHE	41	42	PM
58	S1928899	PRIYANKA JOGUR	42	47	PJ
59	S1928900	PUJARI SANGMESH CHIDANAND	43	45	SPJ
60	S1928901	PUNIK KOTI	42	45	PK
61	S1928902	RAGHAVENDRA KUMBAR	40	45	RK
62	S1928903	RAHUL SHREEMANT HADAPAD	47	48	RSH
63	S1928904	RAJASHREE BIRADAR	43	40	RB
64	S1928905	RAJESHWARI	36	39	Rajesh
65	S1928906	RAJESHWARI SATIHAL	40	41	RJ
66	S1928907	RAJU KESARATTI	43	45	RJK
67	S1928908	RAJU MADIWALAKAR	42	46	RJM
68	S1928912	RASHMI DESAI	44	46	Rashmi
69	S1928914	RENUKA			
70	S1928916	SACHIN MARABAD	44	46	SPM
71	S1928918	SAIPAN B KATNALLI	45	46	SBK
72	S1928919	SAJIDA KORABU	47	48	SK
73	S1928920	SAMPATHKUMAR S GUNARI	41	42	SG
74	S1928921	SANA	43	45	SNB
75	S1928922	SANDEEP S PADASHETTI	46	43	SDS
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78	S1928926	SATEESH HOSAMANI	44	42	SH

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79	S1928929	SAVITRI KALLUR			
80	S1928932	SHANMUKAYYA GHALIMATH	43	42	
81	S1928934	SHANTALA A CHITPUR	44	41	
82	S1928935	SHANTGOUDA ROOGI	43	42	
83	S1928939	SHARANAMMA ROLLI	44	45	
84	S1928940	SHILPA NAGANOR	46	47	
85	S1928941	SHIVASHARAN	48	42	
86	S1928942	SHOBHA L PUJARI	43	45	
87	S1928944	SHRIDEVI	49	45	
88	S1928946	SHRUTI	41	43	
89	S1928947	SHWETA BHAGAPPA YALAWAR	42	44	
90	S1928948	SHWETA NAYAK	39	36	
91	S1928949	SIDDALING GUNDUMANI	39	40	
92	S1928950	SIDDANA GOWDA B C	42	43	
93	S1928955	SOUMYASHREE RAMPUR	43	44	
94	S1928956	SUDHARANI	45	40	
95	S1928957	SUNANDA	42	41	
96	S1928958	SUPRIYA B KALABURGI	40	45	
97	S1928959	SUPRIYA DHANAPAL	43	45	
98	S1928960	SWARNA	47	45	
99	S1928961	TABASUM M BIRADAR	41	46	
100	S1928964	V VIDYASHREE	42	43	
101	S1928965	VAIBHAV MALLI	44	44	
102	S1928966	VARUN	45	48	
103	S1928967	VENKATESH NAYAK	41	43	
104	S1928969	VIJAYAKUMAR DUGUR	42	45	
105	S1928970	VIJAYAKUMAR KUDAGI	44	48	
106	S1928971	VIJAYALAXMI ALUR	45	46	
107	S1928972	VIJAYALAXMI PATIL	40	39	
108	S1928973	VISHWANATH	36	39	
109	S1928975	VIVEKANAND MATHAPATI	39	40	
110	S1928977	SNEHA HIREMATH	42	45	
111	S1833051	PAVITRA	45	46	
112	S1925128	PRAVEEN G ANGADI	47	44	

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DEPARTMENT OF PHYSICS

Academic year : 2021-22

Name of Certificate Course: Preparation of Power Supply

Course Outcomes

After completion of course the student is able to

- Design the desired voltage power supply
- Find out the fault in any other power supplies
- To repair minor faults
- Soldering
- Minor carpentry work
- To repair minor household electric wiring faults etc
- Know Short circuit reasons
- Aware of Electric Shock
- Basic things about Electric power production


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Dist: Vijayapur

State: Karnataka



(Accredited with 'B' Grade by NAAC)

(Affiliated to Rani Channamma University, Belagavi)



IQAC Initiative
DEPARTMENT OF PHYSICS

CERTIFICATE

This is to certify that Kumar/ Kumari... ..
of B.Sc. has successfully completed 30 Hw Certificate Course in "PREPARATION OF POWER
SUPPLY" during the year 2021-22


HOD


Coordinator


Principal

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SINDGI-586128 DIST: VIJAYAPUR

DEPARTMENT OF PHYSICS

VALEDICTORY OF CERTIFICATE COURSE: 2021-22



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