GOVERNMENT DEGREE COLLEGE

KARVETINAGARAM, CHITTOOR (DT), A.P.

Certificate Course

On

Basic Electricity Principles and Transistor Applications

Organized by

Department of Physics

GOVT. DEGREE COLLEGE, KARVETINAGARAM,CHITTOOR DIST.

Date: 28-01-2023
Karvetinagaram

CIRCULAR

All the second and Final year B.Sc students are hereby informed that the Department of Physics is going to commence a certificate course on **"Basic Electricity Principles and Transistor Applications"** from 2nd February 2023 in the afternoon sessions.

Duration of the Course: 30 Hours

Course Fee: Free of cost

For further details contact **M. Rajasekhar**, Department of Physics

V. Balakrishna

Lecturer- incharge

PRINCIPAL
Govt. Degree College
KARVETINAGAR - 517582
Chittoor Dt. A.P.

CERTIFICATE COURSE BROCHURE

GOVTMENT DEGREE COLLEGE
KARVETINAGARAM
CHITTOOR DIST. AP. 517582

Certificate Course
On

Basic Electricity Principles And Transistor Apllications

Eligibility	:	All B.Sc(M.P.C & M.P.Cs)
Registration Fee	:	Free of Cost
Registration Start	:	28-01-2023
Registration End	:	01-02-2023
Duration of Course	:	30 Hours
Course Start	:	02-02-2023

Organized by
Department of Physics

V. Balaiah
Lecturer in Physics
Govt. Degree College
Karvetinagaram - 517 582
Chittoor (Dist.)

GOVT. DEGREE COLLEGE, KARVETINAGARAM, CHITTOOR DIST

Certificate Course on "Basic Electricity Principles and Transistor Applications"

SYLLABUS

Total: **30** hours

Unit- 1: Basic Electricity Principles

Volatage, Current, Resistance, Capacitance, Inductance, color code, Electrical Conductors and Insulators, Ohm's law, Series and Parallel Combinations of resistors, Galvanometer, Ammeter, Voltmeter, Multimeter, Transformers, Junction diode and transistor.

Unit – 2: **Understanding Electronic Circuit**

AC and DC source, rules and analysis, DC source, Electric circuits, current voltage drops across the Dc circuit elements, rectifier (half wave full wave and bridge) voltage regulator using zener diode..

Unit- 3: Transistor Application

CE amplifier, its analysis and performance, CB amplifier, its analysis and performance, Hartley oscillator, Colpitts oscillator and their performance

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DEPARTMENT OF PHYSICS
INAUGURATION FUNCTION FOR CERTIFICATE COURSE
"Basic Electricity Principles and Transistor Applications "

V. Balaiah
Lecturer in Physics
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Chittoor (Dist.)

GOVT. DEGREE COLLEGE, KARVETINAGARAM, CHITTOOR DIST.
DEPARTMENT OF PHYSICS – 2022-23

Certificate Course on "Basic Electricity Principles and Transistor Applications"

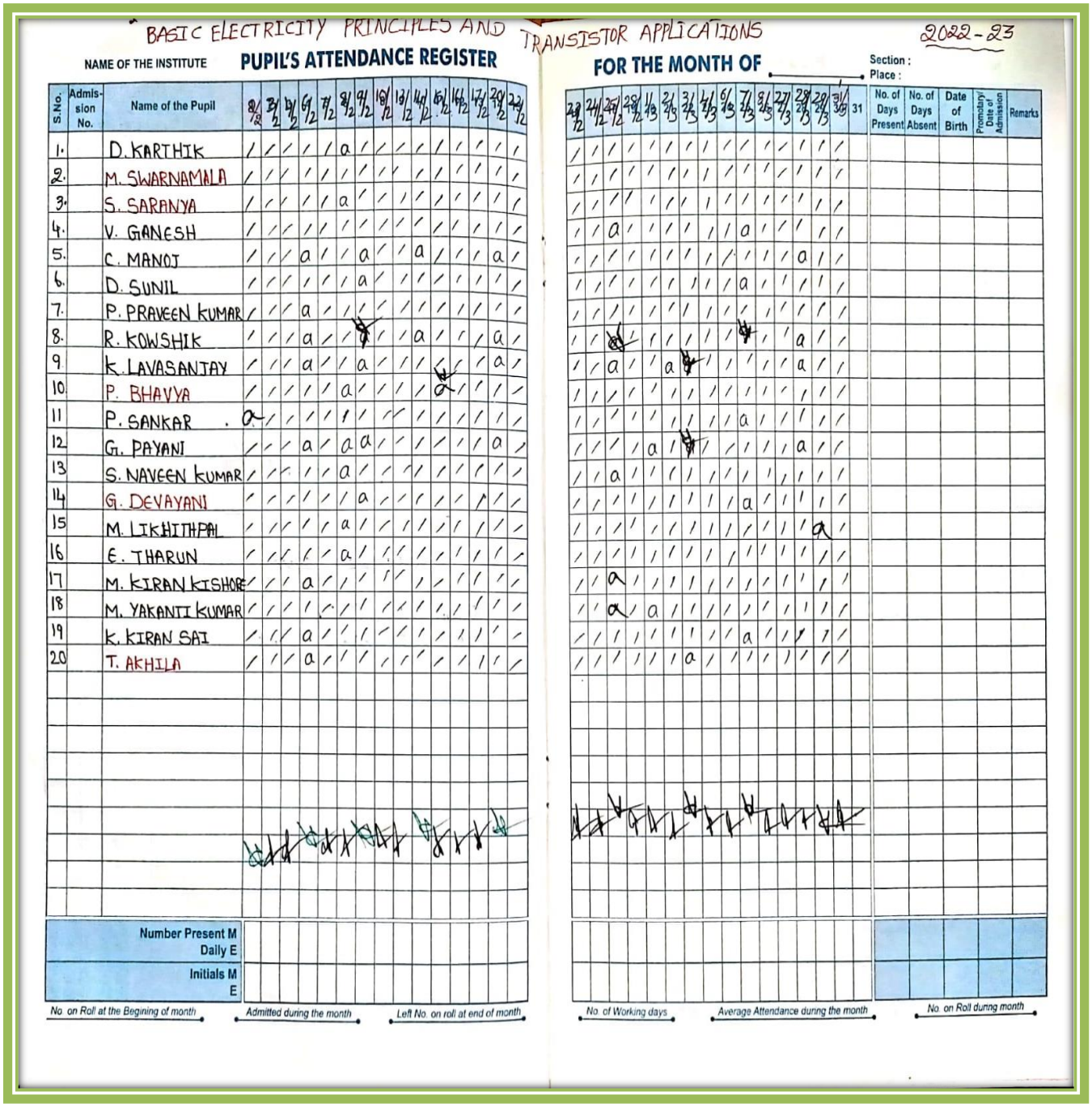
List of Student:

S.No.	Name of the Student	Class
1	DEEPITI KARTHIK	III B.Sc(MPCs)
2	MELAPUDI SWARNAMALA	III B.Sc(MPCs)
3	SINGANI SARANYA	III B.Sc(MPCs)
4	VARAMPATI GANESH	III B.Sc(MPCs)
5	CHAVARAMBAKAM MANOJ	III B.Sc(MPCs)
6	D. SUNIL	III B.Sc(MPC)
7	P. PRAVEEN KUMAR	III B.Sc(MPCs)
8	R. KOWSHIK	III B.Sc(MPCs)
9	K. LAVASANJAY	III B.Sc(MPCs)
10	P. BHAVYA	III B.Sc(MPC)
11	P. SANKAR	II B.Sc(MPCs)
12	G.PAYANI	II B.Sc(MPCs)
13	S.NAVEEN KUMAR	II B.Sc(MPCs)
14	G. DEVAYANI	II B.Sc(MPCs)
15	M. LIKHITHPAL	II B.Sc(MPCs)
16	E.THARUN	II B.Sc(MPCs)
17	M. KIRAN KISHORE	II B.Sc(MPCs)
18	M. YAKANTI KUMAR	II B.Sc(MPCs)
19	K. KIRANSAI	II B.Sc(MPC)
20	T.AKHILA	II B.Sc(MPC)

V. Balaraju
Lecturer in Physics
Govt. Degree College
Karvetinagaram - 517 582
Chittoor (Dist.)

ATTENDANCE CERTIFICATE FOR CERTIFICATE COURSE

Basic Electricity Principles and Transistor Applications



BASIC ELECTRICITY PRINCIPLES AND TRANSISTOR APPLICATIONS 2022-23

NAME OF THE INSTITUTE **PUPIL'S ATTENDANCE REGISTER**

FOR THE MONTH OF Section : Place :

S.No.	Admission No.	Name of the Pupil	30/12	31/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13	13/1/13	14/1/13	15/1/13	16/1/13	17/1/13	18/1/13	19/1/13	20/1/13	21/1/13	22/1/13	23/1/13	24/1/13	25/1/13	26/1/13	27/1/13	28/1/13	29/1/13	30/1/13	31/1/13	31	No. of Days Present	No. of Days Absent	Date of Birth	Promotory/ Date of Admission	Remarks
1.		D. KARTHIK	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.		M. SWARNAMALA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.		S. SARANYA	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.		V. GANESH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.		C. MANOJ	/	/	/	a	/	/	a	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.		D. SUNIL	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.		P. PRAVEEN KUMAR	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.		R. KOWSHIK	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9		K. LAVASANJAY	/	/	/	a	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10		P. BHAVYA	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11		P. SANKAR	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12		G. PAYANI	/	/	/	a	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13		S. NAVEEN KUMAR	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14		G. DEVAYANI	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15		M. LIKHITHPAL	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16		E. THARUN	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17		M. KIRAN KISHORE	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18		M. YAKANTI KUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19		K. KIRAN SAI	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20		T. AKHILA	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

	No. on Roll at the Begining of month	Admitted during the month	Left No. on roll at end of month	No. of Working days	Average Attendance during the month	No. on Roll during month
Number Present M						
Daily E						
Initials M						
E						

Brief Report on

Certificate course on "Basic Electricity Principles and Transistor Applications"

A certificate course on Basic Electricity Principles and Transistor Applications was inaugurated on 2nd February 2023 in this college by the principal Dr. S. Vijuyulu Reddy. The course duration was 30 hours. This course was run free of cost to the student by the Department of Physics. The course was run by Dr. V. Balasubramanyam Achari and Sri. M. Rajasekhar. The course was conducted one hour per day including Practical's. Twenty students are enrolled in this course.

After completion of the course, Certificates were distributed to the students on 31-03-2023.

Certificate Distribution for "Basic Electricity Principles and Transistor Applications" Certificate Course.

Outcomes of Basic Electricity Principles and Transistor Applications:

The Basic Electricity Principles and Transistor Applications will provide you with a complete electricity Principles and applications.

- Creating new knowledge
- Developing physical and manual skill
- Developing feeling and emotion
- Communication effectively
- Acquire subjective knowledge