

DEPARTMENT OF PHYSICS

CERTIFICATE COURSE

on

“Basic Electricity Principles & Transistor Application”

ACADEMIC YEAR- 2022-23

[FROM 02-01-2022to10-03-2023]



No. Of Participants : 15

No. Of Hours : 30

Time: 4:00pm



KNM GOVERNMENT DEGREE COLLEGE

MIRYALGUDA - 508 207, Nalgonda Dist. (Telangana)

(Affiliated to Mahatma Gandhi University)

Accredited by NAAC

mail ID : knmdc1981@gmail.com web : <https://gdcts.cgg.gov.in/miryalaguda.edu>

Cell : 9440522563



DEPARTMENT OF PHYSICS

PERMISSION LETTER

Date: 26-12-2022

To,
The Principal,
KNM Government Degree College,
Miryalaguda
Nalgonda Dist.-508001

Respected Sir,

Sub:- Department of Physics - Seeking Permission to start Certificate Course in English in our college Request-Reg.

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We the Department of Physics would like to start Certificate Course in Physics in our college for the academic year 2022-2023 for the betterment of all Physics aspirants of our college.

Hence, I request you to permit me to start the Certificate Course on " Basic Electricity Principles & Transistor Application " for the above mentioned academic year.

Thanking you sir,

Yours faithfully

T.Venkata Ramana
In-charge
Department of Physics



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CIRCULAR

Date: 27-12-2022

All the students are here by informed that we, the Department of Physics, are planning to start Certificate Course on "Basic Electricity Principles & Transistor Application" for a period of 30 hours for this Academic Year 2022-2023. The classes will be conducted during Zero hours that is from 4.00 pm to 5.00 pm (1hour) on all working days. The Detailed scheduled will be intimated very soon.

Interested candidates may enrol their names with T.Venkata Ramana , Lecturer in Physics on or before.31-12--2022

In-charge
Department of Physics

Principal
K.N.M. Govt. Degree College
MIRYALGUDA.

Principal



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DEPARTMENT OF PHYSICS

Certificate Course on

“Basic Electricity Principles & Transistor Application”

Curriculum of the Certificate

Syllabus for the course

Introduction of “Basic Electricity Principles & Transistor Application”

Topics to be covered

Unit: I- Basic Electricity Principles

Unit: II- Under standing Electronic Circuit

Unit: III- Transistor Application

Practice sessions for FIVE hours

In-charge
Department of Physics

Principal
K.N.M. Govt. Degree College
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DEPARTMENT OF PHYSICS

Certificate Course Summary

On

“Basic Electricity Principles & Transistor Application”

1. Name of the course : **Basic Electricity Principles & Transistor Application”**
2. Name of the Course Coordinator: : **T.VENKATA RAMANA**
3. Number of students participated: : **15**
4. Number of students completed the course : **15**
5. Number of hours taken : **30 Hours**
6. Date of the course (From – To) : **02-01-2023 to 10-03-2023**
7. No. of certificates issued : **15**

**In-charge
Department of Physics**

**Principal
K.N.M. Govt. Degree College
MIRYALGUDA.**

Principal



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DEPARTMENT OF PHYSICS

Student Feedback analysis on

CERTIFICATE COURSE ON Basic Electricity Principles & Transistor Application

Resource Person: Sri Venkataramana Sir, Lecturer in Physics

| Sl.No | Questionnaire | Excellent | Very Good | Good | Average | Poor | Total |
|-------|---------------------------|-----------|-----------|------|---------|------|-------|
| 1 | Syllabus frame work | 13 | 02 | | | | 15 |
| 2 | Coverage of Syllabus | 13 | 01 | 01 | | | 15 |
| 3 | Course Methods | 12 | 02 | 01 | | | 15 |
| 4 | Explanation of the topics | 14 | 01 | | | | 15 |
| 5 | Interaction | 13 | 01 | 01 | | | 15 |
| 6 | Doubts clarification | 12 | 01 | 02 | | | 15 |
| 7 | Teacher presentation | 13 | 01 | 01 | | | 15 |
| 8 | Interest Generation | 12 | 02 | 01 | | | 15 |
| 9 | Time Management | 13 | 01 | 01 | | | 15 |
| 10 | Overall opinion | 13 | 01 | 01 | | | 15 |
| | Remarks of the Principal | Very Good | | | | | |

Principal
K.N.M. Govt. Degree College
MIRYALGUDA.



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DEPARTMENT OF PHYSICS

Student Feedback Form

CERTIFICATE COURSE ON Basic Electricity Principles & Transistor Application

Resource Person: Sri Venkataramana Sir, Lecturer in Physics

| Sl.No | Questionnaire | Excellent | Very Good | Good | Average | Poor | Total |
|-------|---------------------------|-----------|-----------|------|---------|------|-------|
| 1 | Syllabus frame work | ✓ | | | | | |
| 2 | Coverage of Syllabus | ✓ | | | | | |
| 3 | Course Methods | | ✓ | | | | |
| 4 | Explanation of the topics | ✓ | | | | | |
| 5 | Interaction | | ✓ | | | | |
| 6 | Doubts clarification | | ✓ | | | | |
| 7 | Teacher presentation | ✓ | | | | | |
| 8 | Interest Generation | | ✓ | | | | |
| 9 | Time Management | ✓ | | | | | |
| 10 | Overall opinion | | ✓ | | | | |

Signature of the student

KNM GOVERNMENT DEGREE COLLEGE, MIRYALAGUDA

CERTIFICATE COURSE IN Basic Electricity Principles & Transistor

Mark Scheme.

ACADEMIC YEAR 2022-23

DEPARTMENT OF PHYSICS

| S.No. | Name of the student | Reg. No. | Group | Sign |
|-------|---------------------|-----------------|------------------------------|-------------------|
| 1. | K. Saihaji | 220440184681002 | BSc[MPCS] II nd | K. Saihaji |
| 2. | R. Vamshi | 220440184411005 | BSc[MPC] I st | R. Vamshi |
| 3. | N. Vamshi | 220440184681003 | BSc[MPCS] I st | VAMSHI |
| 4. | MD. YASMEEN | 220440184411003 | BSc[MPC] I st | Yasmeen |
| 5. | P. MOONIKA | 220440184681004 | BSc[MPCS] I st | MOONIKA |
| 6. | R. HARIKA | 220440184681005 | BSc[MPCS] I st | Harika |
| 7. | CH. Vamshi | 210440184411001 | BSc[MPC] III rd | CH. Vamshi |
| 8. | K. VEERENDER | 210440184411009 | BSc[MPC] III rd | K. Veerender |
| 9. | V. NAVEEN | 210440184411008 | BSc[MPC] III rd | V. NAVEEN |
| 10. | B. SATHISH | 1904418468001 | BSc[MPCS] III rd | B. SATHISH |
| 11. | K. VEERANJANEYULU | 210440184681007 | B.Sc(MPCS) III rd | K. VEERANJANEYULU |
| 12. | R. IMMAREYLU | 210440184411002 | B.Sc(MPC) III rd | R. IMMAREYLU |
| 13. | P. MADHU | 210440184411006 | BSc(MPC) III rd | MADHU |
| 14. | A. VENKATESH | 21044018461002 | B.Sc(MPCS) III rd | A. VENKATESH |
| 15. | P. GOPI | 210440184681010 | B.Sc(MPC) III rd | P. GOPI |
| | | | | |
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| | | | | |
| | | | | |

(Signature)
Principles

K.N.M. Govt. Degree College
MIRYALAGUDA


KNM GOVERNMENT DEGREE COLLEGE, MIRYALAGUDA

CERTIFICATE COURSE IN Digital Electricity Principles & Troubleshooting

DEPARTMENT OF.....PHYSICS.....

Attendance Sheet :: AY 2022 -2023

| Sl No | Name of the participant | Date & Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Student Signature | | | | | |
|-------|-------------------------|--------------|---|---|---|---|---|---|---|---|----|----------|----|----|----|----|----|----|----|----|----|-------|----|----|----|----|----|----|----|----|----|-------------------|--------------|----|--------------|--|--|
| | | January | | | | | | | | | | February | | | | | | | | | | March | | | | | | | | | | | | | | | |
| | | 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 | | | | | | |
| 1 | K. Srihari | 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 | K. Srihari | | | | | |
| 2 | R. Varahi | 0 | 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 | R. Varahi | | | | |
| 3 | N. Varahi | 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 | N. Varahi | | | | | |
| 4 | MP. Yasmeen | 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 | MP. Yasmeen | | | | | |
| 5 | P. Mounika | 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 | P. Mounika | | | | | |
| 6 | R. Harika | 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 | R. Harika | | | | | |
| 7 | Ch. Varahi | 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 | Ch. Varahi | | | | | |
| 8 | K. Veerender | 0 | 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 | K. Veerender | | | | |
| 9 | Velaveen | 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 | Velaveen | | | | | |
| 10 | B. Babish | 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 | B. Babish | | | | | |
| 11 | K. Srinivasulu | 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 | K. Srinivasulu | | | | | |
| 12 | P. Immanayya | 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 | P. Immanayya | | | | | |
| 13 | P. Madhu | 0 | 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 | P. Madhu | | | | |
| 14 | A. Venkatesh | 0 | 0 | 0 | 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 | A. Venkatesh | | |
| 15 | P. Gopi | 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 | P. Gopi | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |


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DEPARTMENT OF PHYSICS

CERTIFICATE

This is certify that *Mr / Mrs* **MD.YASMEEN II B.Sc.,** with Roll No **220440184411003** has successfully completed the certificate course in **“Basic Electricity Principles & Transistor Application”** organized by the Department of Physics.



Department In charge



Principal
K.N.M. Govt. Degree College
MIRYALGUDA.

Principal

KNM GOVERNMENT DEGREE COLLEGE

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(Affiliated to Mahatma Gandhi University, Nalgonda)

DEPARTMENT OF PHYSICS

CERTIFICATE

This is certify that **Mr / Mrs A.VENKATESH III B.Sc.**, with Roll No **210440184681010** has successfully completed the certificate course in “**Basic Electricity Principles & Trasistor Application**” organized by the Department of English.



Department In charge



Principal
K.N.M. Govt. Degree College
MIRYALGUDA.

Principal