

To:
The Principal
NTR Government Degree College(W)
Mahabubnagar.

Sub: Requesting to conduct Certificate Course on "**Curve Fitting**" for the students of B.Sc.(Physical Science) II year for the academic year 2022-2023- reg.

Ref: Resolution of the meeting conducted by the Dept. of Statistics held on 24.09.2022 and Almanac of Palamuru University.

Respected Sir,

With Reference to the above based on the resolution of the meeting conducted by the Dept. of Statistics held on 24.09.2022 the department is decided to conduct a certificate course named "Graphical Representation of Data" for the students of B.Sc.(Physical Science) II year for the academic year 2022-2023 in the month of December.

Hence, I here with am attaching the complete schedule and syllabus. Requesting you to permit to conduct the certificate course and do the needful in this regard.

Thanking you,

Yours faithfully



Dr. T. Vijayalaxmi

Asst. Prof & In charge of Dept. of Statistics

**NTR GOVT DEGREE COLLEGE(W), MAHABUBNAGAR
DEPARTMENT OF STATISTICS**

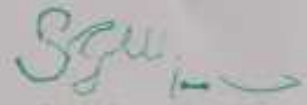
Date:24.09.2022

NOTICE

It is hereby informed that the Department of Statistics is going to conduct a certificate course on "**Curve Fitting**" from 10.10.2022 to 31.10.2022 for the students of B.Sc.(Physical Science) II year for the academic year 2022-2023. The interested students can registered their names in the department of Statistics.





In charge of the Department



Principal

PRINCIPAL
NTR GOVT DEGREE COLLEGE(W)
MAHABUBNAGAR

Certificate Course
Certificate Course



NTR GOVT DEGREE COLLEGE(W)
(Accredited by NAAC with "B" Grade)
MAHARAJAGHAT 13
2022-2023

DEPARTMENT OF STATISTICS

Certificate course – "Curve Fitting"
(01.10.2022 – 31.10.2022)

Course coordinator
Dr. T Vjayalaxmi
K Ramesh Reddy

Principal
S. Gangadhar(FAC)

Brochure

Aim of the Course

- To develop and strengthen basic concepts and skills needed for the study of Data analysis.
- We shall assume minimum prior knowledge of Curve Fitting.
- However we will assume familiarity with concepts of "Curve Fitting".

Course outcomes

- Explain types of curve fitting.
- Demonstrate how to draw the different types of curves.

Need of Statistics

- Statistics is an essential subject needed to do higher studies of any field, even for non-science/engineering subjects.
- Statistics helps in gathering information about the appropriate quantitative data.
- This helps in focusing on the collection of data.

About the course-briefly

Curve fitting is the process of constructing a curve, or mathematical function, that has the best fit to a series of data points, possibly subject to constraints.

Schedule of the course:

S.No	Month and week	Topic
1	Oct - II	Introduction on Curve Fitting
2	Oct- III	Fitting of Straight line, Second degree parabola
3	Oct - IV	Exponential Curve, Power Curve

Enrollment of the students:

S.no	Roll number	Name	Group	Signature of the student
1	210330 30 467 1001	AADULA BHAVANI	BSc [MSc]	Bhavani
2	210330 30 467 1002	AKRAMULLA NIKHITHA	BSc [MSc]	Nikhitha
3	210330 30 467 1003	ANUPA RAJESHWARJ	BSc [MSc]	Raj
4	210330 30 467 1004	A-SHEEPRISHA	BSc [MSc]	Shireesha
5	210330 30 467 1005	B. ANITHA	BSc [MSc]	Anitha
6	210330 30 467 1008	B. SWATHI	BSc [MSc]	Swathi
7	210330 30 467 1009	C. THULASE	BSc [MSc]	Thulasi
8	210330 30 467 1011	FAUZIA BEGUM	BSc [MSc]	Fauzia
9	210330 30 467 1012	J. ANUSHA	BSc [MSc]	Anusha
10	210330 30 467 1013	J. MAILEESHWARI	BSc [MSc]	Malleeshwari
11	210330 30 467 1014	K. BHARGAVI	BSc [MSc]	Bhargavi
12	210330 30 467 1015	K. HARITHA	BSc [MSc]	Haritha
13	210330 30 467 1016	KALLY KEERTHI	BSc [MSc]	Keerthi
14	210330 30 467 1017	KOTHAKAPU SRILATHA	BSc [MSc]	Srilatha
15	210330 30 467 1018	KURSALE PAVANI	BSc [MSc]	Pavani
16	210330 30 467 1019	MALEKATI SHERREETHA	BSc [MSc]	M. Shireesha
17	210330 30 467 1020	M. NANDINI	BSc [MSc]	Nandini
18	210330 30 467 1021	MOTYUR MADHUMATHI	BSc [MSc]	Madhu
19	210330 30 467 1023	M. VAISHNAVI	BSc [MSc]	Vaishnavi
20	210330 30 467 1024	M. THARANNA	BSc [MSc]	Tharanna
21	210330 30 467 1025	PATLA SINDHU	BSc [MSc]	Sindhu
22	210330 30 467 1027	RAVULA ANITHA	BSc [MSc]	Anitha
23	210330 30 467 1028	R. KALPANA	BSc [MSc]	Kalpana
24	210330 30 467 1030	SANTANA	BSc [MSc]	Sanjana
25	210330 30 467 1031	S. PRASANNA	BSc [MSc]	Prasanna
26	210330 30 467 1033	S. SUBRANU	BSc [MSc]	Subhanu



Classes by the faculty



Students attendance



**NTR GOVERNMENT DEGREE COLLEGE FOR WOMEN
MAHABUBNAGAR**

Accredited by NAAC with "B" Grade/A+ ISO 9001:2015 Institution
Affiliated to Pullela University



Department of Statistics
Certificate

This is to certify that **R Kalpana, B.Sc(MSC), Roll no: 21023830487928** has successfully completed
certificate course in " **CURVE FITTING** " conducted from 10.10.2022 to 31.10.2022.

Dr. T. Vijayalaxmi
Incharge, Dept of Statistics
IQAC Coordinator & Webinar Convener

Sri Gangadhar Sripada
Principal(FAC)

Certificate of the student

PRINCIPAL.
N.T.R.G.D.C. (W)
Mahabubnagar.

To:
The Principal
NTR Government Degree College(W)
Mahabubnagar.

Sub: Requesting to conduct Certificate Course on "**Graphical Representation of Data**" for the students of B.Sc.(Physical Science) I year for the academic year 2022-2023- reg.

Ref: Resolution of the meeting conducted by the Dept. of Statistics held on 29.11.2022 and Almanac of Palamuru University.

Respected Sir,

With Reference to the above based on the resolution of the meeting conducted by the Dept. of Statistics held on 29.11.2022 the department decided to conduct a certificate course named "Graphical Representation of Data" for the students of B.Sc.(Physical Science) III year for the academic year 2022-2023 in the month of December.

Hence, I here with am attaching the complete schedule and syllabus. Requesting you to permit to conduct the certificate course and do the needful in this regard.

Thanking you,

Yours faithfully



Dr. T. Vijayalaxmi

Asst. Prof & In charge of Dept. of Statistics

**NTR GOVT DEGREE COLLEGE(W), MAHABUBNAGAR
DEPARTMENT OF STATISTICS**

Date:30.11.2022

NOTICE

It is hereby informed that the Department of Statistics is going to conduct a certificate course on "**Graphical Representation of Data**" from 01.12.2022 to 30.12.2022 for the students of B.Sc.(Physical Science) I year for the academic year 2022-2023. The interested students can registered their names in the department of Statistics.



In charge of the Department



Principal
PRINCIPAL
N.T.R.G.D.C.(W.)
Mahabubnagar.

Certificate Course
Certificate Course



NTR GOVT DEGREE COLLEGE (W)
Established by NADC with "B" Grade
APRIL 1988



2022-2023

DEPARTMENT OF STATISTICS

Certificate course – "Graphical Representation of Data"
(01.12.2022 – 30.12.2022)

Course coordinator
Dr. T Vijayalaxmi
K Ramesh Reddy

Principal
S. Gangadhar (FAC)

Brochure

Aim of the Course

- To develop and strengthen basic concepts and skills needed for the study of Data analysis.
- We shall assume minimum prior knowledge of Graphical representation of Data.
- However we will assume familiarity with concepts of "Graphical Representation of Data".

Course outcomes

- Explain types of data collection.
- Demonstrate how to draw the graphs.
- Apply graphical methods to represent the data.

Need of Statistics

- Statistics is an essential subject needed to do higher studies of any field, even for non-science/engineering subjects.
- Statistics helps in gathering information about the appropriate quantitative data.
- This helps in focusing on the collection of data.

About the course-briefly

Graphical representation of Data:

- Histogram
- Frequency polygon
- Ogives curve
- Bar diagram:
 1. Simple bar diagram
 2. Multiple bar diagram
 3. Sub divided bar diagram
 4. Percentile bar diagram
- Pie diagram

Schedule of the course:

S.No	Month and week	Topic
1	Dec - I	Introduction on Graphical Representation of Data
2	Dec - II	Histograms, frequency polygon, ogives curve
3	Dec- III	Bar graphs
4	Dec - IV	Pie diagrams

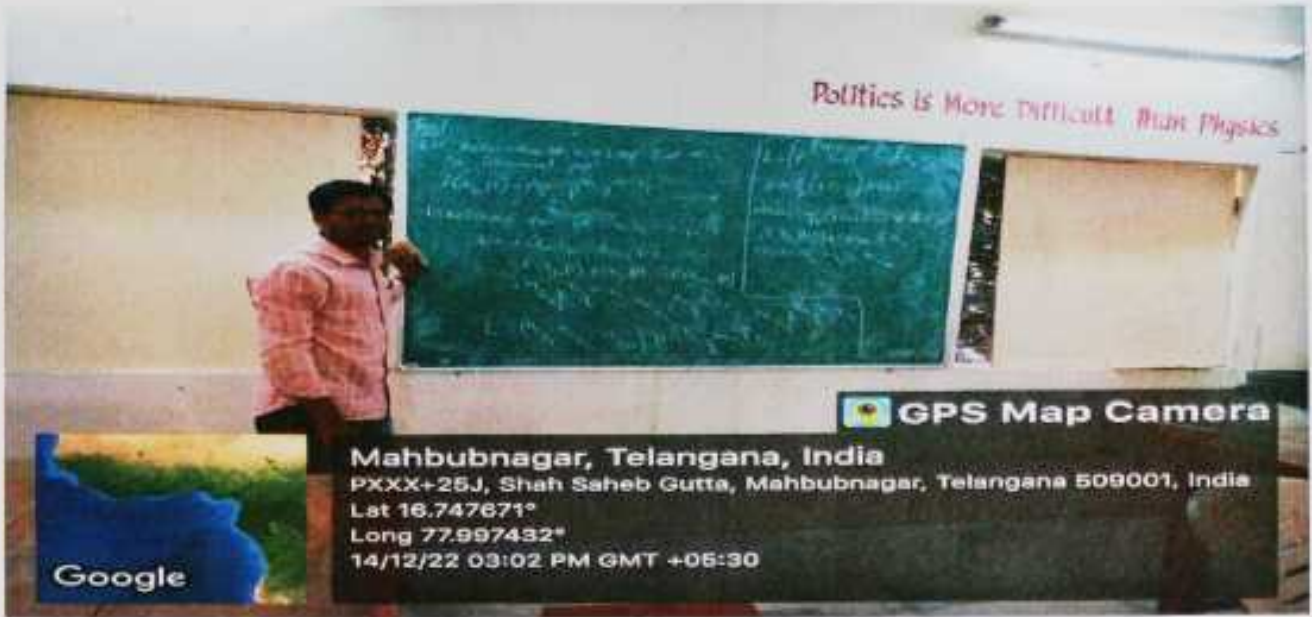
Enrollment of the students:

S.no	Roll number	Name	Group	Signature of the student
1	220330304671001	APPANNA GARI LAVANYA	BSc (MScs)	A. Lavanya
2	220330304671002	A. SUSHMITHA	BSc (MScs)	Sush
3	220330304671003	AYESHA NAAB	BSc (MScs)	Ayesh
4	220330304671004	B. ASHWINI	BSc (MScs)	B. Ashwini
5	220330304671005	BYAGADI NANDINI	BSc (MScs)	Nandini
6	220330304671006	D. NANDINI	BSc (MScs)	D. Nandini
7	220330304671007	DUNGALI ASHWINI	BSc (MScs)	Ashwini
8	220330304671008	EDDI AKHILA	BSc (MScs)	E. Akhila
9	220330304671010	JYOTHI	BSc (MScs)	Jyothi
10	220330304671011	K. AKHILA	BSc (MScs)	Akhila
11	220330304671012	K. ASHWINI	BSc (MScs)	K. Ashwini
12	220330304671013	K. MOUNIKA	BSc (MScs)	K. Mounika
13	220330304671014	K. NIKETHA	BSc (MScs)	Niketha
14	220330304671015	MANGAMOLLA DIVYA	BSc (MScs)	Divya
15	220330304671017	MINHAZ	BSc (MScs)	Minhaz
16	220330304671018	MOTATI AKHILA	BSc (MScs)	M. akhila
17	220330304671019	RANGAPURAM NANDINI	BSc (MScs)	Nandini
18	220330304671020	YENNAPOTHULA MAMATHA	BSc (MScs)	mamathre
19	220330304411001	E. SHYAMALA	BSc (MPC)	Shyamala
20	220330304411003	AYESHA SIDDHAVA	BSc (MPC)	Ayesha
21	220330304411004	B. NIRANJANI	BSc (MPC)	Niranjani
22	220330304411005	B. JONY	BSc (MPC)	Jony
23	220330304411006	C. NAVA JYOTHI	BSc (MPC)	Navajothi
24	220330304411007	EETE MAHESHWARI	BSc (MPC)	Maheshwari
25	220330304411008	GADULA SAI MOUNIKA	BSc (MPC)	Sai
26	220330304411009	HUMERA SAQAF	BSc (MPC)	Saqaf

27	220330304411010	KATRAVATH SUSHEELA	BSc(MPC)	Susheela
28	220330304411011	K-OJUYA	BSc(MPC)	Daya
29	220330304411013	KOLLURI SNEHIKA	BSc(MPC)	Sneheka
30	220330304411014	KOSGI CHANDANA	BSc(MPC)	Chandana

Students Attendance:

ATTENDANCE REGISTER OF		YEAR															
ROLL NO	NAME OF THE STUDENT	MONTH	DATE														
		DATE	01	02	03	04	05	06	07	08	09	10	11	12			
		INITIAL OF LECTURER	NO. OF LECTURES														
220330304411001	APPANADRAE LOBHAYA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1002	A. SUSHREKHA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1003	AYASHA HARI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1004	B. ASHWINI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1005	AYASHA NANDINI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1006	D. HARIDHAR	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1007	DEVIKANTH ASHWINI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1008	E. JYOTHI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1009	E. ANSULA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1010	K. ASHWINI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1011	K. MOUNIKA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1012	K. NIKHITHA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1013	IRANGANALLA DIVYA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1014	MELHAR	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1015	MOLALI ANSULA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1016	RAJASREKHA NANDINI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1017	VENKATESHVARA HARATHA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1018	E. ANSULA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
220330304411003	AVENHA SIDDHAR	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
004	B. NITRANJANI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
005	B. ANNY	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
006	C. NAVA JYOTHI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
007	D. TE. MAHESHWARI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
008	GURJULA SAKSHIBEN	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
009	HUMBER SARDI	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
010	KATRAVATH SUSHEELA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
011	K. OJUYA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
012	KOLLURI SNEHIKA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
013	KOSGI CHANDANA	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



Classes by the faculty



Students attendance



**NTR GOVERNMENT DEGREE COLLEGE FOR WOMEN
MAHABUBNAGAR**

Accredited by NAAC with "B" Grade An ISO 9001-2015 Institution
Affiliated to Palamuru University



Department of Statistics
Certificate

This is to certify that K. Nikhitha, B.Sc(MSCs), Roll no: 22033030467014 has successfully completed certificate course in " Graphical Representation of Data " conducted from 1.12.2022 to 31.12.2022.

Dr. T. Vijayalaxmi

Incharge, Dept of Statistics

IQAC Coordinator & Webinar Convener

Sri Gangadhar Sripada

Principal(FAC)

Certificate of the student

PRINCIPAL
N.T.R.G.D.C.(W)
Mahabubnagar.

To:
The Principle
NTR Government Degree College (W),
Mahbubnagar.

Sub: Requesting to conduct Certificate Course on "R-Programming" for the students of B.Sc. (Physical Science) III year for the academic year 2022-2023 -reg.

Ref: Resolution of the meeting conducted by the Dept. of Statistics held on 28.03.2023 and Almanac of Palamuru University.

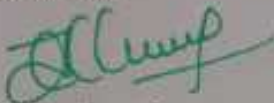
Respected Sir,

With reference to the above based on the resolution of the meeting conducted by the Dept. of Statistics held on 28.03.2023 the department is decided to conduct a certificate course named "R-Programming" for the students of B.Sc. (Physical Science) III year for the academic year 2022-2023 in the month of April.

Hence, I here with am attaching the complete schedule and syllabus. Requesting you to permit to conduct the certificate course and do the needful in this regard.

Thanking you,

Yours faithfully



Dr. T. Vijayalaxmi

Asst. Prof & In charge of Dept. of Statistics


NTR GOVT DEGREE COLLEGE (W), MAHABUBNAGAR

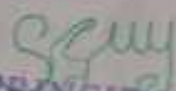
DEPARTMENT OF STATISTICS

Date: 31.03.2023

NOTICE

It is hereby informed that the Department of Statistics is going to conduct a certificate course on "**R-Programming**" from 01.04.2023 to 30.04.2023 for the students of B.Sc.(Physical Science) III year for the academic year 2022-2023. The interested students can registered their names in the department of Statistics.


In charge of the Department


PRINCIPAL
NTR G.D.C (W)
Mahabubnagar

Certificate Course



Brochure

Aim of the Course

- To develop and strengthen basic concepts and skills needed for the study of Data analysis.
- We shall assume minimum prior knowledge of R-programing concepts.
- However we will assume familiarity with concepts of "Data analysis through R".

Course outcomes

- Explain critical R programming concepts.
- Demonstrate how to install and configure RStudio.
- Apply OOP concepts in R programming.
- Explain the use of data structure and loop function.
- Analysis data and generate reports based on the data.

Need of Statistics

- Statistics is an essential subject needed to do higher studies of any field, even for nonscience/engineering subjects.
- Statistics helps in gathering information about the appropriate quantitative data.
- This helps in focusing on the collection of data.

How Statistics is used in this course

- R offers a wide variety of statistics- related libraries and provides a favourable environment for statistical computing and design. In addition, the R programming language gets used by many quantitative analysts as a programming tool since it's useful for data importing and cleaning.

About the course-briefly

The official R software environment is an open-source free software environment within the GNU package, available under the GNU General Public License. It is written primarily in C, Fortran, and R itself (partially self-hosting). Precompiled executables are provided for various operating systems.

Example:

R-code to generate a random sample:

```
x = c(2005,2006,2007,2008,2009,2010,2011,2012,2013)
y = c(27,38,44,35,51,58,50,54,62)
fit_st = lm(y~x)
summary(fit_st)
predict_st = predict(fit_st,data.frame(x=x))
predict_st
table_st = data.frame(x,y,predict_st)
table_st
plot(x,y,col= "blue")
lines(x,predict_st,col= "red")
```

Schedule of the course:

S.No	Month and week	Topic
1	April - I	Introduction on R-software
2	April - II	Fitting of different types of curves
3	April - III	Generation of random samples
4	April - IV	Large sample tests

Enrollment of the students:

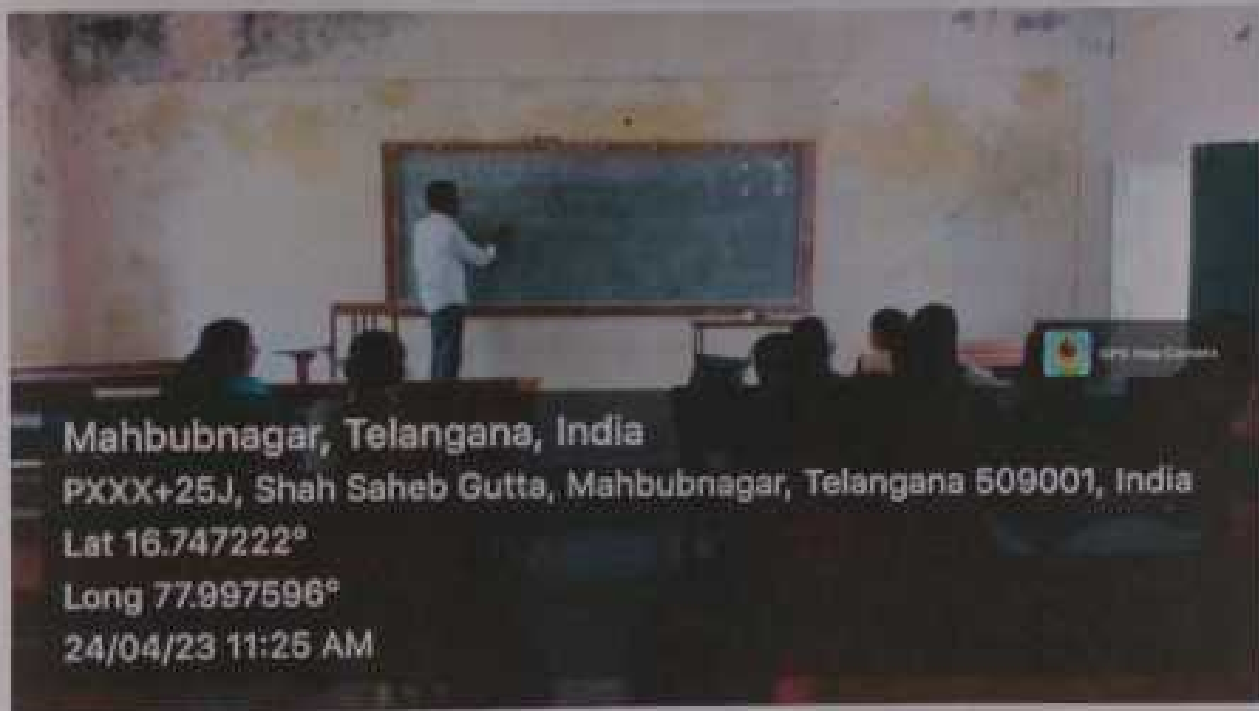
S.No	Admission No	Name of the student	Name of the college	Year of studying and 1st Roll number	Class	Phone number
1	18-04-2023	Muganyizi	MTN government degree 2020-2023 6-3000 2-24	2023020447000	MTN government degree 2020-2023 6-3000 2-24	0782222222
2	18-04-2023	F. Amata	MTN GOVT	2023020447001	MTN GOVT	0782222222
3	18-04-2023	Joyi Kaduha	MTN Gov Degree 1st & 2nd year	2023020447002	MTN Gov Degree 1st & 2nd year	0782222222
4	18-04-2023	Theresa	MTN government degree 2020-2023 6-3000 2-24	2023020447003	MTN government degree 2020-2023 6-3000 2-24	0782222222
5	18-04-2023	F. Shushumba	MTN GOVT	2023020447004	MTN GOVT	0782222222
6	18-04-2023	F. Akwama	MTN gov degree 1st & 2nd year	2023020447005	MTN gov degree 1st & 2nd year	0782222222
7	18-04-2023	S. Fawo	MTN gov degree 1st & 2nd year	2023020447006	MTN gov degree 1st & 2nd year	0782222222
8	18-04-2023	G. Juveta	MTN GOVT DEGREE 1st & 2nd year	2023020447007	MTN GOVT DEGREE 1st & 2nd year	0782222222
9	18-04-2023	M. Shushumba	MTN Gov Degree 1st & 2nd year	2023020447008	MTN Gov Degree 1st & 2nd year	0782222222
10	18-04-2023	F. Shushumba	MTN Gov Degree 1st & 2nd year	2023020447009	MTN Gov Degree 1st & 2nd year	0782222222
11	18-04-2023	Mudathani	MTN GOVT Degree 1st & 2nd year	2023020447010	MTN GOVT Degree 1st & 2nd year	0782222222
12	18-04-2023	Agwama	MTN gov degree 1st & 2nd year	2023020447011	MTN gov degree 1st & 2nd year	0782222222
13	18-04-2023	Juveta Akwama	MTN government degree 1st & 2nd year	2023020447012	MTN government degree 1st & 2nd year	0782222222
14	18-04-2023	Akwama	MTN government degree 1st & 2nd year	2023020447013	MTN government degree 1st & 2nd year	0782222222
15	18-04-2023	Samuel Akwama	MTN degree 1st & 2nd year	2023020447014	MTN degree 1st & 2nd year	0782222222
16	18-04-2023	Samuel Akwama	MTN degree 1st & 2nd year	2023020447015	MTN degree 1st & 2nd year	0782222222
17	18-04-2023	G. Juveta	MTN gov degree 1st & 2nd year	2023020447016	MTN gov degree 1st & 2nd year	0782222222
18	18-04-2023	Kabwama Shushumba	MTN gov degree 1st & 2nd year	2023020447017	MTN gov degree 1st & 2nd year	0782222222
19	18-04-2023	Samuel Akwama	MTN gov degree 1st & 2nd year	2023020447018	MTN gov degree 1st & 2nd year	0782222222
20	18-04-2023	Pheta Shushumba	MTN gov degree 1st & 2nd year	2023020447019	MTN gov degree 1st & 2nd year	0782222222
21	18-04-2023	S. Juveta	MTN Gov Degree 1st & 2nd year	2023020447020	MTN Gov Degree 1st & 2nd year	0782222222
22	18-04-2023	M. Shushumba	MTN GOVT DEGREE 1st & 2nd year	2023020447021	MTN GOVT DEGREE 1st & 2nd year	0782222222
23	18-04-2023	F. Shushumba	MTN degree 1st & 2nd year	2023020447022	MTN degree 1st & 2nd year	0782222222
24	18-04-2023	F. Shushumba	MTN degree 1st & 2nd year	2023020447023	MTN degree 1st & 2nd year	0782222222
25	18-04-2023	S. Juveta	MTN GOVT DEGREE 1st & 2nd year	2023020447024	MTN GOVT DEGREE 1st & 2nd year	0782222222
26	18-04-2023	Samuel Akwama	MTN Government Degree 1st & 2nd year	2023020447025	MTN Government Degree 1st & 2nd year	0782222222
27	18-04-2023	F. Shushumba	MTN gov degree 1st & 2nd year	2023020447026	MTN gov degree 1st & 2nd year	0782222222
28	18-04-2023	ADRESA LANGE	MTN GOVT DEGREE 1st & 2nd year	2023020447027	MTN GOVT DEGREE 1st & 2nd year	0782222222

Students Attendance:

Date	Name of the student	Attendance						
		1	2	3	4	5	6	7
18-04-2023	Muganyizi							
18-04-2023	F. Amata							
18-04-2023	Joyi Kaduha							
18-04-2023	Theresa							
18-04-2023	F. Shushumba							
18-04-2023	F. Akwama							
18-04-2023	S. Fawo							
18-04-2023	G. Juveta							
18-04-2023	M. Shushumba							
18-04-2023	F. Shushumba							
18-04-2023	Mudathani							
18-04-2023	Agwama							
18-04-2023	Juveta Akwama							
18-04-2023	Akwama							
18-04-2023	Samuel Akwama							
18-04-2023	G. Juveta							
18-04-2023	Kabwama Shushumba							
18-04-2023	Samuel Akwama							
18-04-2023	Pheta Shushumba							
18-04-2023	S. Juveta							
18-04-2023	M. Shushumba							
18-04-2023	F. Shushumba							
18-04-2023	F. Shushumba							
18-04-2023	S. Juveta							
18-04-2023	Samuel Akwama							
18-04-2023	F. Shushumba							
18-04-2023	ADRESA LANGE							



Inaugural session



Mahbubnagar, Telangana, India

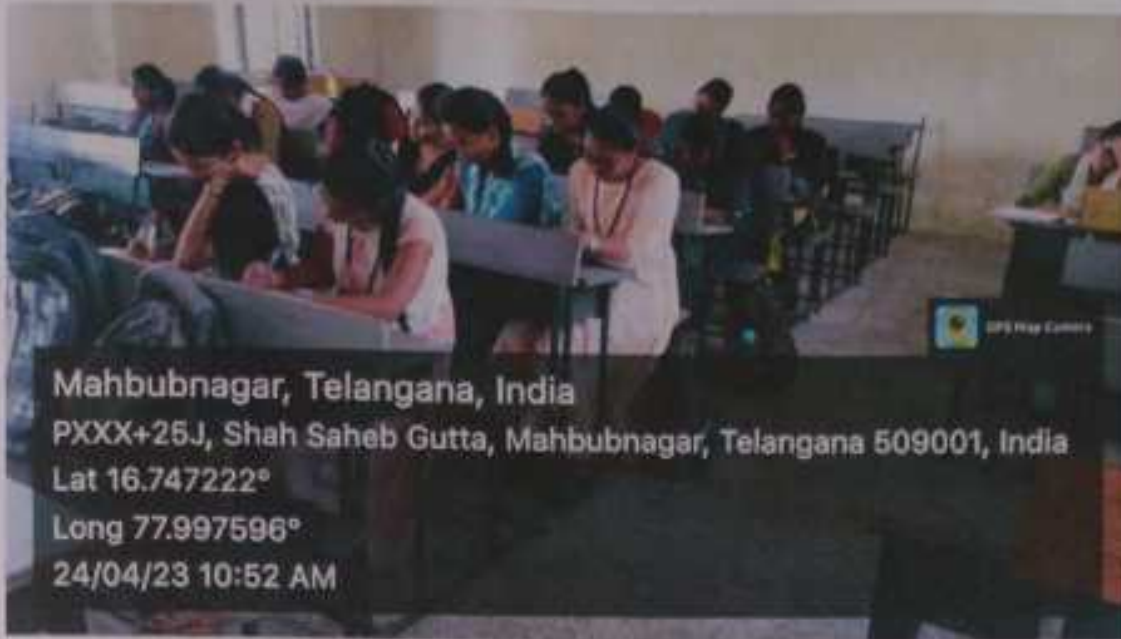
PXXX+25J, Shah Saheb Gutta, Mahbubnagar, Telangana 509001, India

Lat 16.747222°

Long 77.997596°

24/04/23 11:25 AM

Classes by the faculty



Students attendance



Certificate of the student

[Signature]
PRINCIPAL
N.T.R.G.D.C.(W)
Mahabubnagar.