

**SRI A.S.N.M GOVERNMENT COLLEGE (A),
PALAKOL,W.G.DT.**



VALUE ADDED COURSE
IN MATHEMATICS
(2017-2018)

**“MEASURES OF CENTRAL
TENDENCY”**

COURSE COORDINATOR

Sri.K.SIVA KRISHNA, Lecturer in Mathematics

DEPARTMENT OF MATHEMATICS

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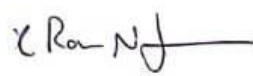
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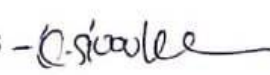
Minutes of the meeting

The Department of Mathematics staff held meeting on 04-12-2017 and passed resolution to organize Value Added Course that is on “Measures of Central Tendency” under the guidelines of Sri K. Ramanarayana , In-Charge of Mathematics for 30 working days.

The certificate course in “Measures of Central Tendency” was organized from 04-12-2017 to 24-01-2018 for the academic year 2017-2018 to the III B.Sc.M.P.C & MPCs students under curriculum enrichment programme.

Signature of the staff Members:

Sri K. Ramanarayana, In-Charge of Mathematics 

K.SIVA KRISHNA, Contract Lecturer in Mathematics 


PRINCIPAL
Signature of the Principal
Sri A.S.N.M. GOVT. COLLEGE (A)
PALAKOL-534 260, W.G.DIST.

Report on Value Added Course

“Measures of Central Tendency”

Introduction:

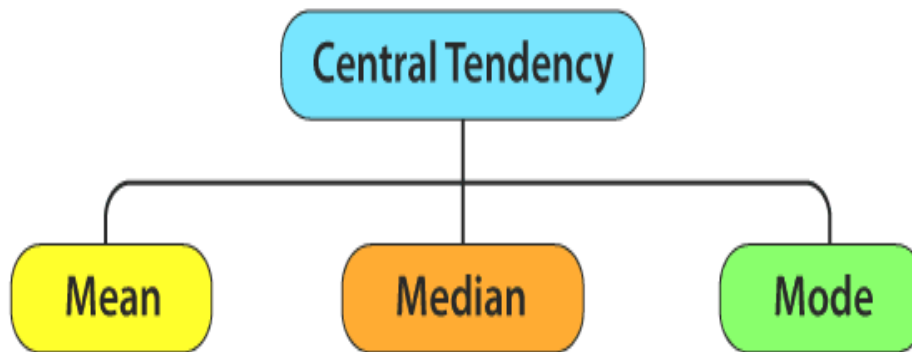
Department of Mathematics conducted Value Added Course in “Measures of Central Tendency” during the Academic year 2017-2018 under curriculum enrichment Programme.

The measuring of central tendency is a way of summarizing the data in the form of a typical or representative value. There are several statistical measures of central tendency or “averages”.

Central tendency is a descriptive summary of a dataset through a single value that reflects the center of the data distribution. Along with the variability (dispersion) of a dataset, central tendency is a branch of descriptive statistics.

The central tendency is one of the most quintessential concepts in statistics. Although it does not provide information regarding the individual values in the dataset, it delivers a comprehensive summary of the whole dataset.

Generally, the central tendency of a dataset can be described using the following measures:



Mean (Average):

Mean is the most common measure of central tendency. It is simply the sum of the numbers divided by the number of numbers in a set of data. This is also known as average.

Median:

The middle value in a dataset that is arranged in ascending order (from the smallest value to the largest value). If a dataset contains an even number of values, the median of the dataset is the mean of the two middle values.

Mode:

Defines the most frequently occurring value in a dataset. In some cases, a dataset may contain multiple modes, while some datasets may not have any mode at all.

Course Objectives:

- Define and calculate Mean, Median, Mode, and Range.
- Understand the purposes of measures of central tendency.
- Construct data tables that facilitate the calculation of Mean, Median, Mode, and Range
- Determine which measure of central tendency is best to use in a given circumstance.

Learning Outcomes “Measures of Central Tendency” :

- Calculate and interpret measures of central tendency (Mode, Median, Mean) for a set of data.
- The Mean, Median and Mode Discussion helps them to formalize their knowledge.
- Develop a strategic approach to organizing data
- Understand the relationship between numbers in a data set through the calculation of Median, Mode, Mean and Range

VALUE ADDED COURSE TIME TABLE**2017-2018****DEPARTMENT OF MATHEMATICS**

S.NO.	DATE	CLASS	TIMINGS
1	4-12-2017	III MPC, III MPCs	9:00AM-10:00AM
2	5-12-2017	III MPC, III MPCs	9:00AM-10:00AM
3	6-12-2017	III MPC, III MPCs	9:00AM-10:00AM
4	7-12-2017	III MPC, III MPCs	9:00AM-10:00AM
5	8-12-2017	III MPC, III MPCs	9:00AM-10:00AM
6	11-12-2017	III MPC, III MPCs	9:00AM-10:00AM
7	12-12-2017	III MPC, III MPCs	9:00AM-10:00AM
8	13-12-2017	III MPC, III MPCs	9:00AM-10:00AM
9	14-12-2017	III MPC, III MPCs	9:00AM-10:00AM
10	16-12-2017	III MPC, III MPCs	9:00AM-10:00AM
11	18-12-2017	III MPC, III MPCs	9:00AM-10:00AM
12	19-12-2017	III MPC, III MPCs	9:00AM-10:00AM
13	20-12-2017	III MPC, III MPCs	9:00AM-10:00AM
14	21-12-2017	III MPC, III MPCs	9:00AM-10:00AM
15	22-12-2017	III MPC, III MPCs	9:00AM-10:00AM
16	27-12-2017	III MPC, III MPCs	9:00AM-10:00AM
17	28-12-2017	III MPC, III MPCs	9:00AM-10:00AM
18	29-12-2017	III MPC, III MPCs	9:00AM-10:00AM
19	2-1-2018	III MPC, III MPCs	9:00AM-10:00AM
20	3-1-2018	III MPC, III MPCs	9:00AM-10:00AM
21	4-1-2018	III MPC, III MPCs	9:00AM-10:00AM
22	5-1-2018	III MPC, III MPCs	9:00AM-10:00AM
23	6-1-2018	III MPC, III MPCs	9:00AM-10:00AM
24	8-1-2018	III MPC, III MPCs	9:00AM-10:00AM
25	9-1-2018	III MPC, III MPCs	9:00AM-10:00AM
26	10-1-2018	III MPC, III MPCs	9:00AM-10:00AM
27	11-1-2018	III MPC, III MPCs	9:00AM-10:00AM
28	22-1-2018	III MPC, III MPCs	9:00AM-10:00AM
29	23-1-2018	III MPC, III MPCs	9:00AM-10:00AM
30	24-1-2018	III MPC, III MPCs	9:00AM-10:00AM

List of students Enrollment

S.No	Regd. No	Name of the Student
1	1521001	A.S.S.DURGA PRASAD
2	1521002	A.RAMU
3	1521005	CH.D.D.VARA PRASAD
4	1521007	D.KUMARA SWAMY
5	1521008	G.DHANA PRASAD
6	1521009	G TAGORE LAKSHMAN
7	1521010	G TATAJI
8	1521011	G TRIMURTHI RAJU
9	1521012	G PREMKUMAR
10	1521013	G RAJESH
11	1521014	J R ESWARI
12	1521015	K NEELIMA RANI
13	1521017	K DIVYA
14	1521018	K DURGA PRASAD
15	1521020	K J SATYA DURGA RAO
16	1521021	K SIMHACHALAM
17	1521022	K DHANISHTA KUMAR
18	1521023	M RAJU
19	1521025	N SAI TIRUPATHAMBA DEVI
20	1521028	P BHAVANI SHANKAR
21	1521029	P SAIRAMBABU
22	1521030	SHEIK GOWSIA
23	1521031	T SRINIVASA KUMAR
24	1521032	U V V S D VARALAKSHMI
25	1522034	B. VENKAT
26	1522037	J.SURYA CHANDRA RAO
27	1522038	K.V.V DURGA
28	1522039	K.S.SATISH
28	1522040	M DURGA PRASAD
29	1522043	V. SIRISHA

**Attendance of Students Value Added Course :
III B.Sc.(MPC)& III B.Sc.(MPCs)
(04-12-2017 to 24-01-2018) 30 days from 9am to 10 am**

S.No	Regd No.	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			04/12	05/12	06/12	07/12	08/12	11/12	12/12	13/12	14/12	16/12	18/12	19/12	20/12	21/12	22/12
1	1521001	A.S.S.DURGA PRASAD	p	p	p	p	p	A	A	P	A	P	P	P	A	P	P
2	1521002	A.RAMU	P	A	P	A	A	P	P	A	P	P	A	A	P	P	P
3	1521005	CH.D.D.VARA PRASAD	p	p	p	p	p	p	p	p	A	p	p	p	p	p	p
4	1521007	D.KUMARA SWAMY	p	p	p	A	p	p	p	A	p	p	p	p	A	p	p
5	1521008	G.DHANA PRASAD	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
6	1521009	G TAGORE LAKSHMAN	p	p	A	p	p	p	A	p	p	p	p	A	p	A	p
7	1521010	G TATAJI	p	A	p	A	p	p	A	p	p	p	A	p	p	p	p
8	1521011	G TRIMURTHI RAJU	p	A	p	p	A	p	p	A	p	p	p	p	A	p	p
9	1521012	G PREMKUMAR	p	p	p	A	A	p	p	p	p	A	p	p	A	p	p
10	1521013	G RAJESH	p	A	p	p	A	A	p	p	p	A	p	p	p	A	p
11	1521014	J R ESWARI	p	p	p	p	p	p	A	p	p	p	p	A	p	p	p
12	1521015	K NEELIMA RANI	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
13	1521017	K DIVYA	p	A	p	p	p	p	p	A	p	p	p	A	p	p	p
14	1521018	K DURGA PRASAD	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
15	1521020	K J SATYA DURGA RAO	p	A	p	A	p	p	p	p	p	p	A	p	p	p	p
16	1521021	K SIMHACHALAM	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
17	1521022	K DHANISHTA KUMAR	p	p	A	p	p	p	A	p	p	p	A	p	p	p	p
18	1521023	M RAJU	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
19	1521025	N SAI TIRUPATHAMBA DEVI	p	A	p	p	A	p	p	p	A	p	p	p	p	A	p
20	1521028	P BHAVANI SHANKAR	p	p	p	p	p	p	p	A	p	p	p	p	p	p	p
21	1521029	P SAIRAMBABU	p	p	A	p	p	p	p	p	p	p	p	A	p	p	p
22	1521030	SHEIK GOWSIA	p	A	p	p	p	p	p	A	p	p	p	p	A	p	p
23	1521031	T SRINIVASA KUMAR	p	p	p	p	p	p	A	p	p	p	p	p	p	p	p
24	1521032	U V V S D VARALAKSHMI	p	p	p	p	p	p	p	p	p	p	p	p	A	p	p
25	1522034	B. VENKAT	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
26	1522037	J.SURYA CHANDRA RAO	p	p	p	A	p	p	A	p	p	p	p	A	p	p	A
27	1522038	K.V.V DURGA	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
28	1522039	K.S.SATISH	p	p	p	p	p	A	p	p	p	p	A	p	p	p	p
29	1522040	M DURGA PRASAD	p	p	p	p	p	p	p	p	A	p	p	p	p	p	p
30	1522043	V. SIRISHA	p	p	p	p	A	p	p	p	p	p	p	p	A	p	p

Value Added Course | 2017-2018

S.No	Regd No.	Name of the student	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
			27/ 12	28/ 12	29/ 12	02/ 01	03/ 01	04/ 01	05/ 01	06/ 01	08/ 01	09/ 01	10/ 01	11/ 01	22/ 01	23/ 01	24/ 01
1	1521001	A.S.S.DURGA PRASAD	p	p	p	p	p	A	A	P	A	P	P	P	A	P	P
2	1521002	A.RAMU	p	A	p	A	A	P	P	A	P	P	A	A	p	P	P
3	1521005	CH.D.D.VARA PRASAD	p	p	p	p	p	p	p	p	A	p	p	p	p	p	p
4	1521007	D.KUMARA SWAMY	p	p	p	A	p	p	p	A	p	p	p	p	A	p	p
5	1521008	G.DHANA PRASAD	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
6	1521009	G TAGORE LAKSHMAN	p	p	A	p	p	p	A	p	p	p	p	A	p	A	p
7	1521010	G TATAJI	p	A	p	A	p	p	A	p	p	p	A	p	p	p	p
8	1521011	G TRIMURTHI RAJU	p	A	p	p	A	p	p	A	p	p	p	p	A	p	p
9	1521012	G PREMKUMAR	p	p	p	A	A	p	p	p	p	A	p	p	A	p	p
10	1521013	G RAJESH	p	A	p	p	A	A	p	p	p	A	p	p	p	A	p
11	1521014	J R ESWARI	p	p	p	p	p	p	A	p	p	p	p	A	p	p	p
12	1521015	K NEELIMA RANI	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
13	1521017	K DIVYA	p	A	p	p	p	p	p	A	p	p	p	A	p	p	p
14	1521018	K DURGA PRASAD	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
15	1521020	K J SATYA DURGA RAO	p	A	p	A	p	p	p	p	p	p	A	p	p	p	p
16	1521021	K SIMHACHALAM	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
17	1521022	K DHANISHTA KUMAR	p	p	A	p	p	p	A	p	p	p	A	p	p	p	p
18	1521023	M RAJU	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
19	1521025	N SAI TIRUPATHAMBA DEVI	p	A	p	p	A	p	p	p	A	p	p	p	p	A	p
20	1521028	P BHAVANI SHANKAR	p	p	p	p	p	p	p	A	p	p	p	p	p	p	p
21	1521029	P SAIRAMBABU	p	p	A	p	p	p	p	p	p	p	p	A	p	p	p
22	1521030	SHEIK GOWSIA	p	A	p	p	p	p	p	A	p	p	p	p	A	p	p
23	1521031	T SRINIVASA KUMAR	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
24	1521032	U V V S D VARALAKSHMI	p	p	p	p	p	p	A	p	p	p	p	p	p	A	p
25	1522034	B. VENKAT	p	p	p	A	p	p	p	p	p	p	p	p	A	p	p
26	1522037	J.SURYA CHANDRA RAO	p	p	A	p	p	A	p	p	p	p	A	p	p	p	p
27	1522038	K.V.V DURGA	p	p	p	p	p	A	p	p	p	p	p	A	p	p	p
28	1522039	K.S.SATISH	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
29	1522040	M DURGA PRASAD	p	p	p	A	p	p	p	p	p	p	p	p	p	p	p
30	1522043	V. SIRISHA	p	p	p	p	p	p	A	p	p	p	p	A	p	p	p

Course Syallabus

SYLLABUS :
Unit-1 1. Arithmetic Mean 2. Geometric Mean 3. Harmonic Mean
Unit-2 1. Median 2. Mode

Certificates issue document on students signatures

Date: 1-2-2018

S.No	Regd. No	Name of the Student	Student Signature
1	1521001	A.S.S.DURGA PRASAD	A.S.S. Durga Prasad
2	1521002	A.RAMU	A. Ramu
3	1521005	CH.D.D.VARA PRASAD	CH.D.D. vara prasad
4	1521007	D.KUMARA SWAMY	D. Kumara swamy
5	1521008	G.DHANA PRASAD	G. Dhana Prasad
6	1521009	G TAGORE LAKSHMAN	G. Tagore lakshman
7	1521010	G TATAJI	G. Tataji
8	1521011	G TRIMURTHI RAJU	G. Trimurthi Raju
9	1521012	G PREMKUMAR	G. Premkumar
10	1521013	G RAJESH	G. RAJESH
11	1521014	J R ESWARI	J.R. ESWARI
12	1521015	K NEELIMA RANI	K. Neelima Rani
13	1521017	K DIVYA	K. Divya
14	1521018	K DURGA PRASAD	K. Durga Prasad
15	1521020	K J SATYA DURGA RAO	KJ SATYA DURGA RAO
16	1521021	K SIMHACHALAM	K. Simhachalam
17	1521022	K DHANISHTA KUMAR	K. Dhanishtha kumar
18	1521023	M RAJU	M. Raju
19	1521025	N SAI TIRUPATHAMBA DEVI	N. Sai Tirupathamba Devi
20	1521028	P BHAVANI SHANKAR	P. Bhavani Shankar
21	1521029	P SAIRAMBABU	P. Sairambabu
22	1521030	SHEIK GOWSIA	Sheik. Gowsia
23	1521031	T SRINIVASA KUMAR	T. Srinivasa Kumar
24	1521032	U V V S D VARALAKSHMI	U V V S D Varalakshmi
25	1522034	B. VENKAT	B. Venkat
26	1522037	J.SURYA CHANDRA RAO	J. Surya chandra rao
27	1522038	K.V.V DURGA	K.V.V Durga
28	1522039	K.S.SATISH	K.S. satish
29	1522040	M DURGA PRASAD	M. Durga Prasad
30	1522043	V. SIRISHA	V. Sirisha

Other Details:

Duration of Course	:	30 Hours
Classes starting Date	:	04-12-2017
Classes ended Date	:	24-01-2018
Students Enrollment	:	30
Classes Timings	:	9:00 AM – 10:00 AM
Resource Persons	:	Sri K. Siva Krishna

Conclusion :

This Value Added Course Measures on Central Tendency develops the mathematical concepts and technique which should serve as a insurance analysts and actuaries in the healthcare industry, real estate agents, work in Human Resource departments at companies.



Model Certificate

