



**TELANGANA TRIBAL WELFARE
RESIDENTIAL DEGREE COLLEGE(M)
KAMAREDDY**

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE

2021-2022

Certificate course/ Add-on course/ Value based course (Pls select one)	Certificate course
Organisation	Telangana Tribal Welfare Residential Degree College (M), Kamareddy
Title of the course	ARITHMEIC ABILITIES
Permission Letter:	<p>04-09-2021 Kamareddy</p> <p>To The Principal TTWRDC(M) Kamareddy</p> <p>Respected Sir</p> <p>Sub: Proposal for organizing Certificate Course- Arithmetic Abilities</p> <p>We the Department of Mathematics propose to organize Certificate Course – Arithmetic Abilities for UG students of Telangana Tribal Welfare Residential Degree College(M), Kamareddy . Duration of the course is 30 hrs. We therefore request you to kindly grant permission to organize Certificate Course – Arithmetic Abilities.</p> <p>Thanks and Regards</p> <p><i>P. Nalanda</i> Ms. P. Nalanda Dept. of Mathematics</p>
Date of commencement of course	08-11-2021 TO 27-11-2021
Course duration	30 Hours
Resource person	Ms. P. Nalanda
No. of students enrolled	20
<p>Course content, Outcome:</p> <p>Objectives of the Course:</p> <ul style="list-style-type: none"> To give a basic understanding of Arithmetic part of Mathematics to all stream of under graduate students and a special emphasis on non mathematics background students To help the students understand the basic principles in mathematics to crack the questions easily which will be asked in competitive examinations To guide the students to feel fearless while solving arithmetic problems. To encourage the students to think logically while analyzing the problems. <p>Learning Outcomes:</p>	

- Students will have an idea of basics in mathematics.
- They will be able to solve the problems easily in competitive examinations.
- They will be able to think logically while analyzing the problems

Duration of the course: 30 Hours

SYLLABUS

NO. OF THE HOUR	ARITHMETICAL ABILITIES
1	Number system & HCF and LCM of Numbers
2	Decimal Fractions
3	Simplification
4	Square roots and Cube roots
5	Average
6	Problems on Numbers
7	Problem on Ages
8	Surds and indices
9	Logarithms
10	Percentage
11	Profit and Loss
12	Ration and Proportion
13	Partnership
14	Time and Work
15	Time and Distance
16	Problems on Trains
17	Simple Interest
18	Compound Interest
19	Area
20	Volume and Surface Area
21	Calender
22	Clock
23	Permutations and Combinations
24	Probability
25	Odd one out and Series
26	Data Interpretation Concepts
27	Tabulation

28	Bar Graphs	
29	Pie Chart	
30	Line Graphs	

Brochure

TTWRDC(M) KAMAREDDY

**ARITHMETIC ABILITIES
ADD ON COURSE**

ORGANIZED BY DEPARTMENT OF MATHEMATICS

Dates: 08-11-2021 to 25-11-2021
Duration: 30 hrs

Resource person
Ms. P. Nalanda

Certificate

**Telangana Tribal Welfare Residential
Degree College for Men, Kamareddy**

Certificate of Participation

This is to certify that Mr. B. Ganesh of BZC-III year bearing the
roll no. 19055080445002 has successfully completed a certificate course on
ARITHMETIC ABILITIES during the Academic Year 2021-2022

P. Nalanda
Course Coordinator

Vice-Principal

Principal

Summary Report :

It is inevitable to learn arithmetic abilities as it is must given concept in competitive exams. Regardless of the stream, every student must gain arithmetic abilities in their under graduation for their future endeavours. All the students who attended for the course have studied all the concepts in ARITHMETIC ABILITIES which will help them in their desired area of interests.

List of students enrolled in ARITHMEIC ABILITIES

S. No.	Name of the student	H. T. No.
1.	B.GANESH	19055080445002
2.	H.SRINUNAYAK	19055080445004
3.	J.GOPAL	19055080445005
4.	K.KRANTHI	19055080445006
5.	K.YELLESH	19055080445007
6.	K.VINOD	19055080445008
7.	K.RAJKUMAR	19055080445009
8.	K.VINOD KUMAR	19055080445010
9.	L.VINOD	19055080445011
10.	M.AVINASH	19055080445012
11.	R.VINOD	19055080445014
12.	R.THARUN	19055080445015
13.	A. Naresh	19055080129001
14.	B. PavanKalyan	19055080129002
15.	B. Sachin	19055080129003
16.	B. Vishnu	19055080129004
17.	B. Venkaresh	19055080129005
18.	B. Bhaskar	19055080129006
19.	B. Pavan Kumar	19055080129007
20.	B. Suresh	19055080129008

