

VEDIC MATHEMATICS

CERTIFICATE COURSE

DURING THE ACEDMIC YEAR 2020-2021



Organized by

DEPARTMENT OF MATHEMATICS

GOVERNMENT DEGREE COLLEGE MAHABUBABAD



Government Degree College, Mahabubabad

ESTD : 1984

Affiliated to Kakatiya University

Accredited by NAAC & ISO 9001:2015 Certified

(Mahabubabad, Mahabubabad (Dist.), Telangana-506101).



CERTIFICATE COURSE ON
“VEDIC MATHEMATICS”

ACADEMIC YEAR 2020-21

[FROM 08-12-2020 TO 10-02-2021]

DEPARTMENT OF MATHEMATICS

No. Of Participants: 12

GOVT. DEGREE COLLEGE, MAHABUBABAD

DIST: MAHABUBABAD-506101.

v. vijaya Lakshmi

PRINCIPAL
Govt. Degree College
MAHABUBABAD-506101

PRINCIPAL

GOVT. DEGREE COLLEGE, MAHABUBABAD-506101
CERTIFICATE COURSE ON "LABORATORY SAFETY RULES FOR CHEMISTRY
STUDENTS" PERMISSION LETTER

Date: 18-08-201

To

The Principal,

Govt. Degree College,
Mahabubabad.

Subject: Seeking Permission to start Certificate Course on

“Vedic mathematics”

In our college-Request-Reg.

We the Department of Mathematics would like to start Certificate Course

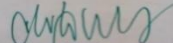
“Vedic Mathematics” in our college for the

academic year 2020-21 for the betterment of all students.

Hence, I request you to permit us to start the Certificate Course for the above mentioned academic year.

Thanking you sir,

Yours faithfully




Dept. of Mathematics
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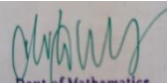
(T. Narahari)

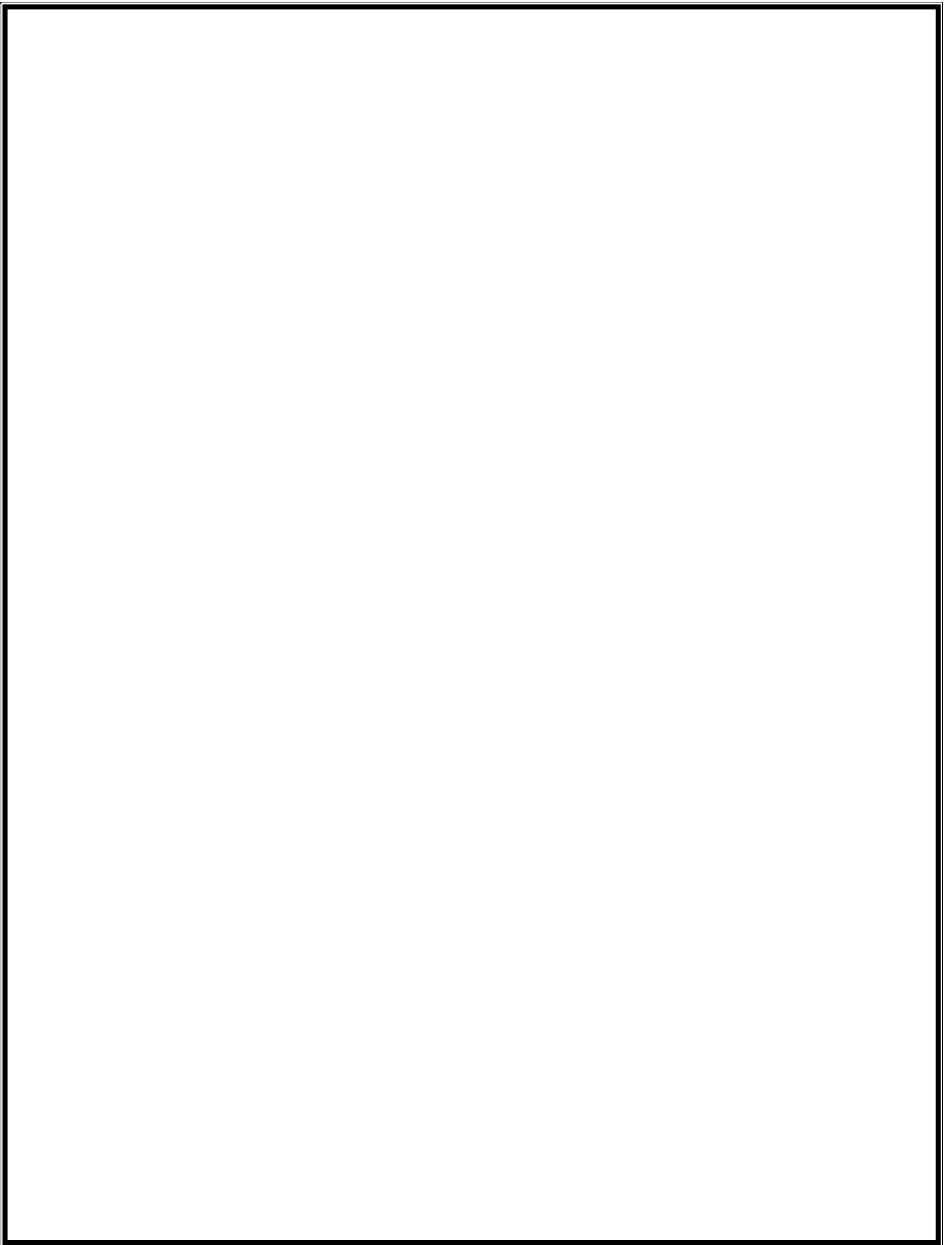
CIRCULAR

All the students are here by informed that we, the Department of Mathematics start Certificate course on the Vedic Mathematics for a period of 30 days for this Academic Year 2020-21. The classes will be conducted during Zero hours that is from (3.00 to 4.00 Pm. 1 Hour) on all working days. The Detailed scheduled will be intimated soon interested candidate may be enrolled their names with Sri T.Narahari, Lecturer in Mathematics if the enrolled candidates are more than thirty, a formal entrance test will be conducted and based on the performance the selected students will be short listed.


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In charge of the Mathematics Dept

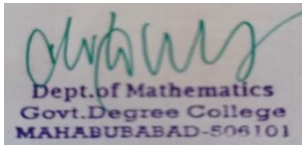

Dept. of Mathematics
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Certificate Course in Vedic Mathematics

Syllabus:

1. EkadhikenaPurvena : By one more than the previous.
2. NikhilamNavatashcaramam : Dashatah All from 9 and last
3. UrdhvaTribhagyam : vertically and crosswise
4. Paravatyayojayet : Transpose and adjust
5. ShunyamSaantasanyuccaye : when sum is same, that sum is zero
6. AnurupyeShunyamanat : If one is in ratio the other is equal
7. Sankalanavyavakalanabhyam : by addition and subtraction.
8. Purnapuranaabhyam : By the completion or non- completion.
9. ChalanaKalanabhyam : Difference and similarities.
10. Yavadunam : Help in finding squares
11. Vyashtisamanstih : part and whole
12. Shesanyankenacharamena : converting fractions to decimals.
13. Sopantyadvayamantyam : The ultimate and twice the penultimate
14. Ekanyunenapurvena : By one less than the previous
15. Gunitasamuchaya : Find correctness in factorization
Problems
16. Gunakasamuchayam : factor of the sum is equal to the sum of
Factor



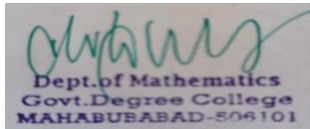
Convener

R. Rajendra Lakshmi
PRINCIPAL
Govt. Degree College
MAHABUBABAD-506101

Principal

Time table (Time 3.00 pm to 4.00 pm)

S.No	Topic	No of Periods
1	EkadhikenaPurvena	01
2	NikhilamNavatashcaramam	02
3	UrdhvaTribhagyam	02
4	ParavatyaYojayet	01
5	LAB	01
6	ShunyamSaantasanyccaye	01
7	AnurupyeShunyamanat	02
8	Sankalanavyavakalanabhyam	02
9	Purnapurabhyam	01
10	LAB	01
11	ChalanaKalanabhyam	01
12	Yavadunam	02
13	Vyastisamanstih	02
14	Shesanyankenacharamena	01
15	LAB	01
16	Sopaantyadvayamantyam	02
17	Ekanyunenapurvena	02
18	Gunitasamuchaya	01
19	Gunakasamuchayam	01
20	LAB	03
	Total	30



Convener

R. Vijaya Lakshmi
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Principal

Introduction:

Vedic Mathematics the Ancient art of superfast Calculations learn Ancient Techniques, perform complicated calculations and play with maths. Application of the Sutras improves your computational skills in wide area of problems. The knowledge of such methods enables you both speed and accuracy strictly based on rational and logical reasoning. These techniques will help you improve your talent and creativity. Eradicates your fear of Mathematics and instills confidence. Improves your calculations speed and numerical skills. Sharpens your brain .

JagadugurushriBharathi Krishna Tirthaji

1884 – 1960 is called the Father of vedic maths. He took top self-realization at shringerimatha with the guidance of shri Shankracharya, shriSachidananda Shiva AbhinavanarsimhaSaraswati, He spent 7 years in deep meditation and study of Vedanta and lived the life of a sadhu form 1911 to 1918 . During this period, the 16 Sutras of Vedic Maths were made.



Description:

The Sanskrit word Veda is derived from the root Vid, meaning to know without limit. The word veda covers all veda-sakhas known to humanity. The veda is a repository of alool knowledge, fathomless, ever revealing as it is delved deeper. Vedic Mathematics is the name given to a supposedly ancient system of calculation which was discovered frp, the Vedas be

Course Benefits : Let mind be your own calculator that tables you to solve complex math calculations within seconds. Feel positive and stand out in the crowd with your exceptional problem solving techniques. Build crfeativity and foster aptitude simultaneously while beating competitors in diverse fields. Lays strong foundation that will stay with you for loife time, opening a wide range of career opportunities.

Certificate form vedic Maths forum India : After the successful completion of the course, students will be acknowledged with a certificate that will give them an edge over others at different curricular events.







Certificate Course - 2020-21 Vedic Mathematics

Attendance Register of Year, Class

Roll No	NAME OF THE STUDENT	Month													Date												
		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
4002	Chintam Mahesh	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
4003	Dram Solhi Rajesh	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
4006	Nampally Rakesh	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
4007	Teluri 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
4008	Dhanuvt Navan Kumar	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
4109	Doodimella Rakib	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
4106	Somanaralli Maheswari	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
4104	MD. MUKURAM PASHA	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
4102	Chalamala shailaja	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
4103	Godishala Supriya	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
4105	Gunja Akila	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
4107	Manchala Divya	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
4108	Manjula Malleswarf	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
4110	MURPHY SVAITKA	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
4114	Adevuladhoudi Rakesh	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

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Final assessment Examination FEBREVARI-2021

(CERTIFICATE COURSE FOR VEDIC MATHENMATICS)

Name

time 1hr

Max Marks 50

Class

Hall Ticket No.

Answer the questions:

1. Explain Vedic Ganitha Sutras EKADHIKENA PURVENS OR URADHVA-TIRYAGBHYAM
2. Explain the RIG VED SAMHITA?
3. What is the Ekadhikena purvena method and use this add
 $6548+4587+6987+3578$
4. Try these 12×999
 56×9999
 7458×99999

5What is the Number closer and lesser than power 10. By using examples

5. Explain the Nikhilam Method by using find 1648 by 92
6. What is the square /Cube roots method in Vedic mathematicsto find square root 8100 and 54^3
7. Find the cube of 474552 by Yavadunam Sutra
8. Explain the Paravartry Sutra
9. Dive the 1298 by 108







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Website: <https://gdets.cgg.gov.in/mahabubabad.edu> e-Mail: wgl.jlc.mhad@gmail.com



Certificate Course Feedback Form

Course Title: *Vedic Mathematics* Venue: *GDC Mahabubabad*

Please fill the short questionnaire to make the course better.

Your background: *Degree*

Your Highest Qualifications: *Intermedi*

Please respond below with 1, 2, 3, 4 or 5, where 1 and 5 are explained.

THE DESIGN OF THE COURSE

- A. Were objectives of the course clear to you? Y N
- B. The course contents met with your expectations 5
1. Strongly disagree 5. Strongly agree
- C. The lecture sequence was well planned 4
1. Strongly disagree 5. Strongly agree
- D. The contents were illustrated with 4
1. Too few examples 5. Adequate examples
- E. The level of the course was 4
1. Too low 5. Too high
- F. The course contents compared with your expectations 3
1. Too theoretical 5. Too empirical
- G. The course exposed you to new knowledge and practices 5
1. Strongly disagree 5. Strongly agree
- H. Will you recommend this course to your colleagues? 5
1. Strongly disagree 5. Strongly agree

THE CONDUCT OF THE COURSE

- A. The lectures were clear and easy to understand 5
1. Strongly disagree 5. Strongly agree
- B. The teaching aids were effectively used 4
1. Strongly disagree 5. Strongly agree
- C. The course material handed out was adequate 5
1. Strongly disagree 5. Strongly agree

D. The instructors encouraged interaction and were helpful

1. Strongly disagree 5. Strongly agree

4

E. Were objectives of the course realized? Y N

F. Please give overall rating of the course

90% - 100% () 60% - 70% ()

80% - 90% (✓) 50% - 60% ()

70% - 80% () Below 50% ()

Please comment on the strengths of the course and the way it was conducted.

Our minds are worked as own calculator.

Please comment on the weaknesses of the course and the way it was conducted.

In this certificate course makes only simple examination of addition, multiplication, subtractions, and divider.

Please give suggestions for the improvement of the course.

It is very good.

Optional - Your name and contact address:

Thank you!!

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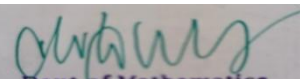
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This is to certify that **CHINDAM MAHESH III B.Sc (MPC), GOVERNMENT DEGREE COLLEGE, MAHABUBABAD** has participated and successfully completed the certificate course on **"VEDICMATHEMATICS"** Conducted by Department of Mathematics, Government Degree College, Mahabubabad, Mahabubabad (Dist.), Telangana, INDIA commenced FROM 08-12-2020 TO 10-02-2021.

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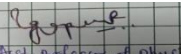


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T.Narahari

Convenor & Lecturer in Maths

GDC, Mahabubabad



Asst. Professor of Physics
Govt. Degree College
MAHABUBABAD-506101

Sri.R.Venugopal

IQAC Coordinator

GDC, Mahabubabad



Principal & IQAC Coordinator

Principal
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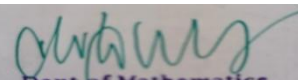
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Certificate

-----of Participation and Completion-----

This is to certify that **DRAMSOTH RAJESH III B.Sc (MPCs), GOVERNMENT DEGREE COLLEGE, MAHABUBABAD** has participated and successfully completed the certificate course on **"VEDICMATHEMATICS"** Conducted by Department of Mathematics, Government Degree College, Mahabubabad, Mahabubabad (Dist.), Telangana, INDIA commenced FROM 08-12-2020 TO 10-02-2021.

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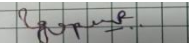


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T.Narahari

Convenor & Lecturer in Maths

GDC, Mahabubabad



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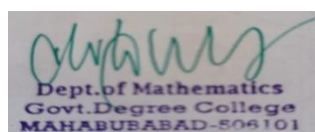
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Certificate

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This is to certify that **NAMPALLY RAKESH III B.Sc (MPC), GOVERNMENT DEGREE COLLEGE, MAHABUBABAD** has participated and successfully completed the certificate course on **"VEDIC MATHEMATICS"** Conducted by Department of Mathematics, Government Degree College, Mahabubabad, Mahabubabad (Dist.), Telangana, INDIA commenced from 22-08-2019 to 30-09-2019.

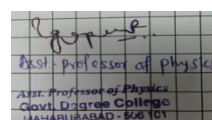
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T.Narahari

Convenor & Lecturer in Maths

GDC, Mahabubabad



Sri.R.Venugopal

IQAC Coordinator

GDC, Mahabubabad

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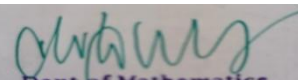
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Certificate

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This is to certify that **DHARAVATH NAVEEN KUMAR**
III B.Sc (MPCs), GOVERNMENT DEGREE COLLEGE,
MAHABUBABAD has participated and successfully completed the
 certificate course on **"VEDICMATHEMATICS"** Conducted by Department
 of Mathematics, Government Degree College, Mahabubabad, Mahabubabad
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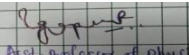


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T.Narahari

Convenor & Lecturer in Maths

GDC, Mahabubabad



Asst. Professor of Physics
Govt. Degree College
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Sri.R.Venugopal

IQAC Coordinator

GDC, Mahabubabad



Principal & IQAC In-charge person

Principal
Govt. Degree College
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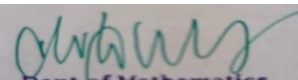
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This is to certify that **DOODIMETHA RADIKA III B.Sc (MPC), GOVERNMENT DEGREE COLLEGE, MAHABUBABAD** has participated and successfully completed the certificate course on **"VEDICMATHEMATICS"** Conducted by Department of Mathematics, Government Degree College, Mahabubabad, Mahabubabad (Dist.), Telangana, INDIA commenced FROM 08-12-2020 TO 10-02-2021.

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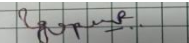


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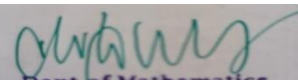
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This is to certify that **SONAMPALLY MAHESHWARI III**
B.Sc (MPCs), GOVERNMENT DEGREE COLLEGE,
MAHABUBABAD has participated and successfully completed the
certificate course on "**VEDICMATHEMATICS**" Conducted by Department
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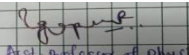


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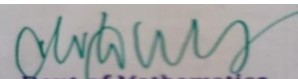
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This is to certify that **MD MUKURAM PASHA III B.Sc (MPCs), GOVERNMENT DEGREE COLLEGE, MAHABUBABAD** has participated and successfully completed the certificate course on **"VEDICMATHEMATICS"** Conducted by Department of Mathematics, Government Degree College, Mahabubabad, Mahabubabad (Dist.), Telangana, INDIA commenced FROM 08-12-2020 TO 10-02-2021.

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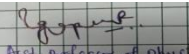


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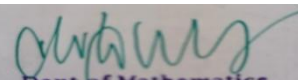
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This is to certify that **T MOUNIKA III B.Sc (MPC)**,
GOVERNMENT DEGREE COLLEGE, MAHABUBABAD has
participated and successfully completed the certificate course on
"VEDICMATHEMATICS" Conducted by Department of Mathematics,
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Telangana, INDIA commenced FROM 08-12-2020 TO 10-02-2021.

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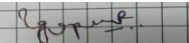


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