

BEST PRACTICE

1. Title of the practice:

Guidance to school students in fundamentals and principles of mathematics

2. Objectives of the practice:;

- Basic principle and fundamental of mathematics and science are essential for students to develop their awareness, knowledge, problem solving and reasoning skills and also to inculcate a spirit of enquiry, research and thirst for knowledge.
- The objective of this practice is to train and improve the knowledge of the students in basic principles and fundamentals of mathematics.

3. The Context :

Without being thorough in fundamentals. It is impossible for students to pursue higher studies and sustain their interest in education. Especially students from rural background lack proper instructions, training and practice in mathematics. They also develop fear and a version to mathematics as the subject needs to be simplified and made easy to understand. As a result many students are unable to excel in their studies as well pursue career. In the current scenario, no career is possible without mathematics and for working on computers.

4. The Practice :

Mathematical knowledge is compulsory. Envisaging the future growth of the students, with a motive to extend and impact our teaching and guidance to them; to develop their awareness, knowledge acumen and to perfect them in mathematical abilities, the department of mathematics as come out with this innovative practice of designing mathematical models. The department of mathematics adopted schools in and around Vijayawada and its suburbs. The faculty members trained in vedic mathematics visited the schools and taught them vedic mathematics. As an extension and also to support them instructions, we also prepared various mathematical model showing the actual working of various mathematical principles and fundamentals. This enabled the students to understand the demonstration of the principle and group of the concept.

5. Evidence of Success :

The faculty members as well as the respective members of school had continues interaction with students throughout the lectures and after the lectures. In the feedback from the students before and after the lectures show marked difference. There was increased interest and enthusiasm to learn and improve their subject knowledge. Through their active participation students could overcome their fears and respond positively. They also expressed their desire to learn the concept with an enthusiastic spirit.

6. Problems and Encountered and Resources Required :

Reading out to the students from rural areas was quite difficult due to the distance and communication. Lack of transportation facilities, fares, school timings etc.

ICT based teaching using such as laptops etc., electronic gadgets, requires regular electricity supply. Internet connectivity was also needed to display videos.

Internet connectivity, power supply and transportation facilities are necessary resources to conduct the program successfully and more efficiently.

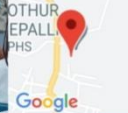
However by interacting with the school authorities and making necessary management with power bags and internet data. We were able to impact the instruction as per schedule and achieved our objectives successfully.

Basic Mathematics to School Students

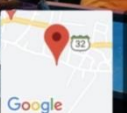
S NO	Faculty Incharge	ACEDMIC YEAR	School name	NUMBER OF STUDENTS PARTICIPATED
1	L.VIJAY KUMAR	2016-17	ANNAPURNA DEVI GOVT SCHOOL	50
2	K.VANAMA DEVI	2017-18	MADDI SUBBARAO E.M SCHOOL	50
3	M.L PRASANNA	2018-19	NETAJI E.M SCHOOL	60
4	CH.MAHINADH	2019-20	SK.P.V.HINDU HIGH SCHOOL	56
5	SK.RAHAMTHULLA	2020-21	RAVINDRA BHARATI SCHOOL	50
6	M. L PRASANNA	2021-22	MADDI SUBBARAO E.M.SCHOOL	60
7	M. L PRASANNA	2022-23	Zilla Parishad High School , Nunna	60
8	K. VANAMA DEVI	2022-23	Zilla Parishad High School, Kotturu Tadepalli	58
9	S.JAYA BHARATHI	2022-23	Zilla Parishad Upper Primary School , Vellaturu	65
10	CH.SHALINI	2022-23	LPCT GUJARATHI	60
11	P.SESHU BABU	2022-23	OXFORD HIGH SCHOOL	60
12	K. VANAMA DEVI	2022-23	SIDDHARTHA PUBLIC SCHOOL(SILVER BELL)	60
13	P.KALMA BEGUM	2022-23	SKPVV SCHOOL	60
14	G. SITA RATNAM	2022-23	GANDHIJI MUNICIPAL HIGH SCHOOL	60
15	CH.SHALINI	2022-23	ANNAPURNA HIGH SCHOOL	60
16	SK .RAHAMTHULLA	2022-23	RAMA KRISHNA MISSION SCHOOL	60
17	K. VANAMA DEVI	2022-23	KC HIGH SCHOOL	60
18	S.JAYA BHARATHI	2022-23	SDMYRR SCHOOL	60
19	SK .RAHAMTHULLA	2022-23	BHARATI VIDYANIKETHAN	60
20	CH.SHALINI	2022-23	SARADA VIDYANIKETAN	60
21	S.JAYA BHARATHI	2022-23	ARUNA CONVENT	60
22	P.KALMA BEGUM	2022-23	BEZAWADA RAJA RAO	60
24	G. SITA RATNAM	2022-23	AKTP HIGH SCHOOL	60
25	P.KALMA BEGUM & SK .RAHAMTHULLA	2022-23	SRI VIGNAN VIHAR	60
26	P.SESHU BABU	2022-23	RAJASTAN SCHOOL	60
27	P.KALMA BEGUM	2022-23	TCMA SCHOOL	60
28	G. SITA RATNAM	2022-23	CHITTURI PUBLIC SCHOOL	60
29	CH.SHALINI	2022-23	VIJETHA SCHOOL	60
30	M.LAKSHMI PRASANNA	2022-23	NETAJI HIGH SCHOOL	60
31	S.JAYA BHARATHI	2022-23	SSR SCHOOL	60
32	CH.SHALINI	2022-23	GNRMC SCHOOL	60
33	G. SITA RATNAM	2022-23	SRI GOWTHAM SCHOOL	60
34	SK .RAHAMTHULLA	2022-23	JAIKISAN SCHOOL	60
35	P.KALMA BEGUM	2022-23	ARAVINDA SCHOOL	60
36	M.LAKSHMI PRASANNA	2022-23	SUNDARAMAA HIGH SCHOOL	60
37	P.KALMA BEGUM	2022-23	ZP HIGH SCHOOL (GIRLS)	60

38	P.KALMA BEGUM	2022-23	ZP HIGH SCHOOL (BOYS)	60
39	P.KALMA BEGUM	2022-23	ZP HIGH SCHOOL	60
40	P.KALMA BEGUM	2022-23	ZP HIGH SCHOOL	60
41	P.KALMA BEGUM	2022-23	ZP HIGH SCHOOL(GIRLS)	60
42	P.KALMA BEGUM	2022-23	ZP HIGH SCHOOL(BOYS)	60
43	P.KALMA BEGUM	2022-23	ZP HIGH SCHOOL	60
44	P.KALMA BEGUM	2022-23	ZP HIGH SCHOOL	60
45	P.KALMA BEGUM	2022-23	STVR SCHOOL	60
46	P.KALMA BEGUM	2022-23	TELAPAROLLU RAJARAO	60





Kotturu Tadepalli, Andhra Pradesh, India
JJ7C+45R, Kotturu Tadepalli, Andhra Pradesh 521228, India
Lat 16.612717°
Long 80.620211°
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Vellaturu, Andhra Pradesh, India
Vijayawada Vissannapeta Rd, Vellaturu, Andhra Pradesh 521230, India
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Long 80.637503°
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Vijayawada, Andhra Pradesh, India
GJ87+WPS, Meenar Masjid St, Islampet, Vijayawada, Andhra Pradesh 520001, India
Lat 16.517303°
Long 80.614295°
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