

**Mahatma Fule Arts, Commerce and Sitaramji Chaudhari
Science Mahavidyalaya warud, Dist-Amravati
Department of Mathematics
Best Practice 2019-20**

1. Title of the Practice:

Guidance of Mathematics to school students.

2. Objectives of the Practice:

Primary school education is basically very much essential to each student. The middle school education can create a skill, knowledge in language, Science and in Mathematics etc. The government of Maharashtra implemented teaching of Science and Mathematics subject through English medium but the teaching staff provided has certain limitations and may not be a graduate with Mathematics. Hence we thought to conduct such extension activity in a region nearby our college region. It also social outreach undertaken by the department every year. The main objective of the activity are

- To develop the teaching skill in teacher student.
- To create awareness and interest in Mathematics.
- To reduce the fear in learning in Mathematics.
- To improve the confidence level of middle school students.
- To provide a experiential learning.
- To enrich knowledge of students in Mathematics.
- To create platform for the higher education in Mathematics.

3. The Context:

Each boy or girl in the country should be literate is a government policy. That's why they started school in urban as well as rural regions. But warud region is a region which is far interior from district place and closer to forest as well as border of Madhya Pradesh state. Teachers are not interested to join the services in interior places. Therefore every day lacunas of teachers occurred in the schools. The ratio of teacher and students are much large. So School and teaching faculties are not in sufficient ratio to give special attention to each student. Mathematics is a subject which having rumour of difficult in students. It is difficult to inculcate the idea of Mathematical concept in the students of Z.P. schools. That's why Mathematics Department select this issue to train the students from rural region especially from Zila Parishad School. They use easy methods to teach school students.

4 The practice:

The burning issue of students' education in rural region is selected by Mathematics department. Teachers from Mathematics department selected the college students who pursue Mathematics subject in graduation level. They visited schools explain the intention of visit and discuss with concerning higher authority of the schools. And take the permission of authority to teach the school students according to their syllabus and informed to the Mathematics department. Faculties from Mathematics can plan the schedule and send them to school for teaching. College students take easy methods in their own language. Weekly they engage two periods, teach them and solve their difficulties. College students prepare diary and maintain all necessary information such as topic, date, problems etc. And finally a certificate has been issued from ZP school authority. Detailed information about practice and school for session 2019-20 is given bellow.

S.No	Name of students	Class	Name of school
1	Ku.Pornima V.Patil	B.Sc.II	ZP Purva Madhyamic School Pusla (Girls)
2	Ku.Punam R.Thakre	B.Sc.II	ZP Purva Madhyamic School Pusla (Girls)
3	Ku.Rushali R.Maliye	B.Sc.II	ZP Purva Madhyamic School Pusla (Girls)
4	Ku.Mayuri J.Virkhade	B.Sc.II	ZP Purva Madhyamic School Pusla (Girls)
5	Ku.Pooja V.Thakre	B.Sc.II	ZP Purva Madhyamic School Pusla (Girls)
6	Ku.Arpita K.Sonde	B.Sc.II	ZP Purva Madhyamic School Pusla (Boys)
7	Ku.Arta N.Kumbhare	B.Sc.II	ZP Purva Madhyamic School Pusla (Boys)
8	Ku.Samiksha N.Patil	B.Sc.II	ZP Purva Madhyamic School Pusla (Boys)
9	Ku.Rojia Prvin R.Shaha	B.Sc.II	ZP Purva Madhyamic School Pusla (Boys)
10	Ku.Jyotsana D.Sakarde	B.Sc.II	ZP Purva Madhyamic School Borgaon
11	Ku.Jaya W.Bhuyar	B.Sc.II	ZP Purva Madhyamic School Gavhankund
12	Mr.Aniket S.Jawale	B.Sc.II	ZP Purva Madhyamic School Jarud
13	Ku.Rakhi S.Wankhede	B.Sc.II	ZP Purva Madhyamic School Bahada
14	Ku.Arta R.Buwade	B.Sc.II	ZP Purva Madhyamic School Jamthi

5. Evidence of success:

Faculties from Mathematics Department and authority from school has continuous discussion with school students and obtain feedback from them. It is found that these students were very happy and satisfied with performance of students. Due to their teaching, they understand the concept, increase the interest, confidence and they are interested to learn from our college students. When authority compares the results of school students, it shows progress. Therefore school authority also gets satisfied by their work and to

inspire the college students. They felicitate the students with certificates. The target given to students is achieved within time and they cover more than 90 to 95 percentage of the task. The result of this practice indicates that students from rural region are innocent and sharp but they require more attention and proper counselling. Due to this practice they can turn towards the higher education and contribute to the prosperity of the Mathematics subject.

6. Problems Encountered and Resources Required:

The schools selected for the practice are generally from rural region and they are away from city. So transportation problem occurred. Because suitable schedule of MHRTC and private transportations are not available. Another was school timings, it also not convenient for students. Still college students take especial efforts for that and did the practice. ICT based teaching may be possible in schools. It requires Electronics gazettes such as Mobile, laptop or projector. It requires regular electricity also. Sometimes download videos related with subjects were shown by the students but the internet connectivity problems also occurred.

7 Notes (Optional)

This practice created interest of students to learn Mathematics. They entered in flow of education which creates platform for higher education. Students also take experience of teaching and improve their confidence. School authority has given appreciation certificates to students.



Photo copy during teaching

दिनांक	विषय	अध्यापक	विषय	दिनांक	विषय
10/10/20	Maths	Dr. S. S. Chaudhari	Maths	11/10/20	Maths
11/10/20	Maths	Dr. S. S. Chaudhari	Maths	12/10/20	Maths
13/10/20	Maths	Dr. S. S. Chaudhari	Maths	14/10/20	Maths
15/10/20	Maths	Dr. S. S. Chaudhari	Maths	16/10/20	Maths
17/10/20	Maths	Dr. S. S. Chaudhari	Maths	18/10/20	Maths
19/10/20	Maths	Dr. S. S. Chaudhari	Maths	20/10/20	Maths
21/10/20	Maths	Dr. S. S. Chaudhari	Maths	22/10/20	Maths
23/10/20	Maths	Dr. S. S. Chaudhari	Maths	24/10/20	Maths
25/10/20	Maths	Dr. S. S. Chaudhari	Maths	26/10/20	Maths
27/10/20	Maths	Dr. S. S. Chaudhari	Maths	28/10/20	Maths
29/10/20	Maths	Dr. S. S. Chaudhari	Maths	30/10/20	Maths

दिनांक	विषय	अध्यापक	विषय	दिनांक	विषय
10/10/20	Maths	Dr. S. S. Chaudhari	Maths	11/10/20	Maths
11/10/20	Maths	Dr. S. S. Chaudhari	Maths	12/10/20	Maths
13/10/20	Maths	Dr. S. S. Chaudhari	Maths	14/10/20	Maths
15/10/20	Maths	Dr. S. S. Chaudhari	Maths	16/10/20	Maths
17/10/20	Maths	Dr. S. S. Chaudhari	Maths	18/10/20	Maths
19/10/20	Maths	Dr. S. S. Chaudhari	Maths	20/10/20	Maths
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25/10/20	Maths	Dr. S. S. Chaudhari	Maths	26/10/20	Maths
27/10/20	Maths	Dr. S. S. Chaudhari	Maths	28/10/20	Maths
29/10/20	Maths	Dr. S. S. Chaudhari	Maths	30/10/20	Maths

Detail record of topic, date, class etc.



Certificates given by school authority



