<center>**Department of Mathematics**</center>

<center>**Best Practice**</center>

1. **Title of the Practice:**
   Guidance of Mathematics to school students.

2. **Objectives of the Practice:**

   Basic school education is very much essential to all children's, especially in rural region. Primary school education can create skill and knowledge of reading and writing English, Maths, Science etc. The importance of basic education improves students' skill, intelligence, knowledge, awareness etc. somewhat broader perspective of rural development in future. That universal or widespread basic education is a key factor in national development. Awareness of Mathematics can be seen in comparisons between the rates of primary education in countries that have high future growth. 'School Chale Hum' is one of the national slogans of government policy. So to train students in Mathematics is our basic objective.

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 certificate is issued from ZP school authority. Detailed information about practice and school is given bellow.

a) 2014-15: 1) Purv Madhmik Shala, Malkhed Taluka Warud Dist. Amravati

        2) Nagar Parishad School No 1, Shendurjanaghat. Taluka Warud Dist. Amravati

b) 2015-16 : 1) Purv Madhmik Shala, Malkhed Taluka Warud Dist. Amravati

        2) Nagar Parishad School No 3, Shendurjanaghat. Taluka Warud Dist. Amravati

c) 2016-17 : Nil

d) 2017-18 : 1) Z.P. Purv Madhymik Shala, Pusla (Boys) Taluka Warud Dist. Amravati

        2) Z.P. Purv Madhymic Kanya shala, Pusla (Girls) Taluka Warud Dist. Amravati

e) 2018-19: 1) Z.P. Purv Madhymik Shala, Pusla (Boys) Taluka Warud Dist. Amravati

        2) Jijamata Vidhyalaya, Pusla. Taluka Warud Dist. Amravati

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 compare 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.