

❖ **Benefits of Diagnostic and Remedial Teaching Methods** : The benefits of diagnostic and remedial teaching methods are numerous. By identifying learning gaps and providing targeted support, teachers can help students overcome challenges and achieve academic success. Through this action Research it's Found that "Remedial teaching technique is an effective strategy for overcoming learning difficulties in chemistry at the higher secondary level". This approach can lead to improved student outcomes, increased confidence, and a more positive attitude towards Chemistry.

❖ **Abstract** : Implementation of Diagnostic and Remedial Teaching Methods to implement diagnostic and remedial teaching methods effectively, teachers should follow a structured approach.

This includes:

1. **Diagnostic Testing**:- Conduct regular diagnostic tests to identify learning gaps and areas where students require additional support.

2. **Targeted Instruction**:- Provide targeted instruction to address specific learning deficiencies, using a range of teaching strategies and resources.

3. **Remedial Support**:- Offer remedial support to students who require additional help, either individually or in small groups.

4. **Monitoring Progress**:- Regularly monitor student progress, adjusting instruction and support as needed.

❖ **Conclusion** : Based on the findings of this action Research, the following recommendations are made. Teachers should use diagnostic testing to identify learning gaps and provide targeted remedial instruction.

Remedial teaching should be tailored to meet the individual needs of students. Teachers should use a variety of teaching strategies, including models and drawings, and Real time Examples along with Live Practical Demonstration to enhance student understanding of abstract concepts. By adopting these strategies, educators can improve student outcomes in Chemistry and help them achieve academic success.



## **Topic : Study of the effectiveness of teaching through continuous teaching method and educational equipment in Biology subject in Standard 11<sup>th</sup>and 12<sup>th</sup> Science stream**

**Parasben R. Rana**

(Asstt. Teacher, Hr. Sec. Science Section)

❖ **Introduction** : In today's era, it is necessary to educate students. Many problems are faced during the teaching and learning process in the classroom. The biggest problem is the educational methods. The student understands better by teaching in the classroom with the help of educational devices rather than the traditional teaching method. Educational methods are very important in today's education. Educational methods in which teaching is done through educational devices, tools, animations and videos increase the effectiveness of learning.

❖ **Area of Problem** : "Students of Standard 11<sup>th</sup> and 12<sup>th</sup> Science stream of English medium of Narayan Vidyalaya, Bharuch a prestigious school located in the middle of Bharuch district, have difficulty in understanding about the human circulatory system in Biology subject"

❖ **Possible causes of the problem** : When the problem became clear, during the study of the human circulatory system in biology, it was found that some possible reasons are responsible for the difficulties faced by students in understanding this topic, which are as follows.