

# MAHAJUBILEE TRAINING COLLEGE

MULLOOKARA - THRISSUR (DT.) Pin: 680 583



## ACTION RESEARCH

Year ...2020-2022....

Semester ...THIRD.....

Name :.....ANNA.VIJO.....

Reg.No. :.....M.T.A.U.T.P.N.002.....

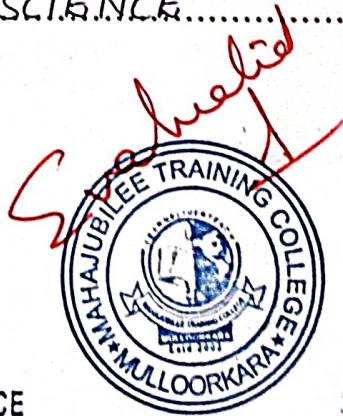
Optional Subject :.....PHYSICAL SCIENCE.....

*Reshma*

FACULTY MEMBER

Date...22/01/2022....

Asst. PROFESSOR IN PHYSICAL SCIENCE  
MAHAJUBILEE TRAINING COLLEGE  
MULLOOKARA - 680 583



*[Handwritten Signature]*  
PRINCIPAL

Date....22/01/2022

Rev. Dr. Chacko Chiramel  
PRINCIPAL  
MAHAJUBILEE TRAINING COLLEGE  
MULLOOKARA - THRISSUR







# INSTRUCTION

Instruction is a process of helping learners acquire knowledge, skills, and attitudes. It is a planned and systematic process of interaction between the teacher and the learner. The teacher's role is to create a learning environment that is conducive to learning. This involves setting clear objectives, selecting appropriate materials, and using a variety of instructional strategies. The learner's role is to actively participate in the learning process, engage in self-reflection, and seek feedback. Instruction should be student-centered and focused on meeting the needs of individual learners.

# ACTION RESEARCH

Action research is a process of inquiry that is designed to improve practice. It is a cyclical process that involves planning, acting, observing, and reflecting. The goal of action research is to identify and solve a specific problem in the classroom. The process begins with the identification of a problem or a question. The teacher then plans an intervention, implements it, and collects data on its effectiveness. Finally, the teacher reflects on the results and makes adjustments as needed. Action research is a collaborative process that involves the participation of the teacher, students, and colleagues.

In schools, action research refers to a wide variety of evaluation investigations and analytical activities that are designed to diagnose problems and identify solutions. It is a process that is designed to be practical and useful. Action research is a process that is designed to be ongoing and iterative. It is a process that is designed to be collaborative and participatory. Action research is a process that is designed to be transformative and empowering.



# 1. INTRODUCTION

Action Research is defined as any systematic inquiry conducted by teachers, administrators, counsellors or others with a vested interest in the teaching and learning process or environment for the purpose of gathering information about how their particular school operate, how they teach, and how their students learn.

Action research allows teachers to study their own classrooms - for example, their own instructional methods, their own students and their own assessments - in order to better understand them and to be able to improve their quality or characteristics of the population with whom a practise is employed or with whom some action must be taken. This in turn results in the increased utility and effectiveness for the practitioner. It offers a process by which current practice can be changed toward better practice. The overall goal of action research is to improve practice immediately with one or a few classrooms or schools.

In schools, action research refers to a wide variety of evaluations, investigative and analytical research methods designed to diagnose problems or weaknesses - whether organizational, academic or instructional - and help educators develop practical educa-



to address them quickly and efficiently. The general goal of action research is to create a simple practical, repeatable process of iterative learning, evaluation and improvement that leads to increasingly better results for schools, teachers or programs.

## 2. OBJECTIVES

- To make the teacher and school administrators research minded.
- To develop in the practitioners the required confidence and ability to carryout research for solving their own problems.
- To make the school or educational personnel more cooperative and democratic in their world of work.
- To make the teaching-learning environment more conducive for effective outcomes.
- To raise the level of performance and the level of aspiration of the students.
- To improve the working conditions of various infra structural components of a school.
- To develop scientific attitude among teachers where by they are motivated to study problems scientifically before taking decisions.



### 3. NEED AND IMPORTANCE

- Action research develops scientific outlook in the teachers, inspectors, heads and management of the educational institution.
- Some of the problems of educational institutions are related to curriculum, textbooks, methods of teaching, system of examination, discipline, co-curricular activities etc. Action research helps the teachers and examiners to evaluate their own methods and to remove their defects.
- Action research is useful from the point of view of application of the results obtained. Results are applied and implemented by the person engaged in the work of education.
- It helps the teachers to turn from the traditional methods of teaching to those methods that are modern and effective hence ensuring the satisfaction of the needs of the students.

### 4. IDENTIFICATION OF PROBLEM

During the period of my internship, I came across certain problem in learning among the students of Govt. Girls High school, Wadakkancherry. Balancing