**ARTICLE ABOUT INNOVATIVE PRACTICES**
**INTRODUCTION:**
Science is a systematic way of building and organizing knowledge about the natural world through observation and experimentation.

It encompasses various disciplines, including physics, chemistry, biology, and earth sciences.

Science relies on evidence-based explanations and predictions.
HERE I AM HANDLING FROM 8TH TO 12TH STD
**Benefits of Innovative practices:**
Students
   - They can **realise** the subject content very clearly and accurately
  -Moreover they **enjoy** their learning
   -**Understanding** capacity is increased upto the maximum level
   -Students **always eager** to receive the content
   -Learning by doing
   -**Fun learning**
**In 9th std**
I am a 9th std science teacher, While I was teaching periodic table
Each element is allocated for students
I called them as Hydrogen, Helium, Lithium, Beryllium,and I ask them to write their nickames in bookmark and pin in their shirt packet.

**Use of this activity**
-Students they don't want to memorise elements
-Simply they understand this with students
-Students really enjoyed

**8th std**
Agricultural practices
It involves seven steps

Here are the **7 steps of agriculture**:

1. Preparation of Soil - with help of spoon
2. Sowing - with my hand
3. Adding Manure and Fertilizers- By using sprayers
4. Irrigation - By watercans
5. Protection from Weeds- By handpicking
6. Harvesting
7. Storage

These practices are experienced by learning by doing

**Use of this activity**
-They know about critical situation of farmers.
-They have hands on experience.
-They can overcome struggles

In 11th std
In animal kingdom concept
I ask them to do 3D real model of different animals
I have allotted each animal like frog, Balonoglossus, leech, Ascaris,parrot,fish
Pleurobrachia, earthworm, Lamprey etc…
They have done and completed beautifully

**Use of this activity**
They really enjoyed
They have hands on experience
They were curious in their learning
They feel proud because their capacity (Own creativity)