

**CLASS 11**  
**SUBJECT- STATISTICS FOR ECONOMICS**  
**(INDEX NUMBERS)**

**INNOVATIVE PEDAGOGY**

The **Economics of innovation** refers to the tendency for **innovative** activity.

In traditional methods, information is seen as unchangeable facts that are passed on to learners. Modern education, on the other hand, brings the meaning to the foreground by activating students.

This epistemological change deepens and broadens the subject areas of the teachers and fosters the use of new pedagogical strategies.

Today, there are many innovations and changes in the field of education

It is noteworthy that the curriculum contents are organized for student-centered and questioning during the curriculum renovations.

In this context, it can be said that economics-based tech enthusiast teachers are needed to support the students in acquiring knowledge, skills, and tools to make the world a more livable place

**ACTIVITY BASED LEARNING**

- This method is based on doing some hands-on experiments and activities.
- **Some activities related to this Chapter Index Numbers for measuring relative changes in the large number of items.**
- **There are several formulae for working out index numbers and every formula need to be interpreted carefully.**
- The children are provided the opportunity to explore by their own so that the learning becomes joyful and long-lasting

**DEBATE AND DISCUSSION**

- This method involves the use of small group of students where each group will have a leader who initiates the discussion of the issue or subject matter.
- Some cases are given to the students for their better understanding
- **Some topics given to Students related to Index Numbers for their better understanding.**
- Some cases are given to the students for their better understanding
- **To visit the market after a long gap and observe the changes in the items.**
- **An Industrial worker was earning a salary of Rs. 1,000 in 1982. Today, he**

earns  
Rs.

**12,000. Can his standard of living is said to have risen 12 times during this period? By how much should his salary be raised so that he is as well off as above.**

- **You must have reading about the sensex in the newspapers. The sensex crossing 8000point is, greeted with euphoria, When, sensex dipped600 points recently. It eroded investors wealth by Rs. 1,53,000 crores. What exactly is sensex.**

### **COMPUTER AIDED LEARNING (CAL)**

- In this method specially designed software applications are used to learn a subject.
- **Special e-content on Correlation is prepared for students like; PPT, lesson related videos, different types of question bank, for the betterment of students.**
- This creates an environment, where learning and assessment is fun and the opportunities to learn is equitable among the rural and urban children.

### **Teaching as inquiry:**

The first question requires us to know our students.

The second, to have (or acquire) the appropriate content knowledge and pedagogical content knowledge.

The third, to assess what learning has gone on and in whose mind.

The answer to this third question will have implications for our teaching - and possibly, our own learning. We may need to cast the net a bit wider in the search for a more effective pedagogy.

Study material provide to students according to their level.

### **Using a social inquiry approach:**

- Asking lesson related questions and activities, gathering information and background ideas, and examine relevant current issues.
- All given activities given to the students related to lesson for making links between the theory and relevant current issues will connect the learning to the students making it more relevant to them exploring and analyzing people's outlook – Index Numbers. These can help the students to understand the concept of Index Numbers.
- Considering the ways in which people make decisions and participate in economic actions - examining the implications and consequences of people's actions in relation to a particular issue.

### **Exploring values and perspectives**

- **Some value-based questions and PISA based questions related to lesson Correlation is given to students.**
- Values are deeply held beliefs about what is important and desirable in the topic Index Numbers.
- To understand the features, difficulties and uses of Index Numbers.
- Application of formula largely depends on the question of interest.
- Widely used index numbers are whole sale price index, Consumer price index, Index of Industrial Production, Agricultural Production Index and sensex.

### **Creating a supportive learning environment**

- **Try to prepare a lesson for both types of students.**
- **For this lesson should be simple innovative and activity based so that supportive students understand the human geography in easy way.**
- Discussing alternative assessment methods with students, for example, presenting perspectives by writing on Index Numbers.
- Encouraging dialogue and valuing the contribution of student and community knowledge and expertise.
- Promoting an interactive classroom environment.

### **The interest mechanism**

- Try to use student experiences and a variety of activities to promote interest and learning in **Index Numbers**.
- Lesson related designs programs with activities that engage students.
- The teacher uses real life experiences that students can relate to which give them a better understanding of an issue.

**Students are more likely to understand the concepts when they see their concerns and ideas taken seriously with practical approach.**

Kulwant Kumar Sood  
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