




KBTCOE
Affiliated to Savitribai Phule Pune University
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NASHIK DISTRICT MARATHA VIDYA PRASARAK SAMAJ'S
Karmaveer Adv. Baburao Ganpatrao Thakare
College of Engineering

Udoji Maratha Boarding Campus, Near Pumping Station Road,
Gangapur Road, Nashik-422013, Maharashtra - India
Phone: +91 253-2571439, 2314319, Fax: 0253-2317016
email: principal@kbtcoe.org website: www.kbtcoe.org



Innovative Teaching Methodologies

Name of Teaching Method: 1) Inquiry Based Learning 2) QR- Code based Learning

Inquiry-Based Learning:

Inquiry-based learning is one of the most powerful teaching strategies in the classroom because research tells us that students learn best when they construct their own meaning. Inquiry-based learning triggers student curiosity. Teachers act as facilitators during the inquiry-based learning process. There are four steps in the process:

1. Students develop questions that they are hungry to answer
2. Students research the topic using time in class
3. Students present what they've learned
4. Students reflect on what worked about the process and what didn't

In a classroom where students research a topic then present their findings, inquiry-based learning allows students to learn deeper and wider than ever before. In traditional teaching, students are less likely to ask questions and are expected to listen and answer questions posed by the teacher. Inquiry-based learning allows students to pose the questions and research and convert the information into useful knowledge, thus ramping up the level of student engagement.

QR Codes:

QR (Quick Response) codes are easy to create and have multiple uses in classrooms at all grade levels. QR codes can lead students to information just by scanning the code on a student's digital device. In the classroom, students can use QR codes to

- Check their answers
- Vote on answers during class discussions
- Extend information found in textbooks
- Get survey information for math units on data
- Participate in scavenger hunts

QR codes allow students to access information without leaving their seat. Students can even generate QR codes to showcase their learning with peers and parents.

Faculty Name: Mr. Nitin S. Ujgare **Department:** Information Technology