

||Jai Sri Gurudev||

S J C INSTITUTE OF TECHNOLOGY, CHICKBALLAPUR

DEPARTMENT OF ECE

INNOVATIVE TEACHING METHODS

Year: 2023-2024 (odd sem)

Sl no.	Subject code	Faculty Name	Subject	ITM
1	18EC62	Dr. S Bhargavi	Research Methodology and IPR	1. Round Robin Discussion 2. STAD 3. Flipped class 4. Think before you Ink
	18EC71		Computer Networks	1. Who Am I 2. Problem solving Exercise 3. Flipped Classroom 4. STAD 5. Think Pair Share
2	BESCK104C	Dr. C Rangaswamy	Introduction to Electronics and Communication	Technical Quiz
3	BESCK104C	Chandini A G	Introduction to Electronics and Communication	Group Subject Seminar

S.J.C. INSTITUTE OF TECHNOLOGY, CHICKBALLAPUR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Activity: Technical QUIZ REPORT -I Sem ISE A Section

Sub: Introduction to Electronics & Communication (BESCK104C)

Name of the Course Faculty: Dr. C Rangaswamy

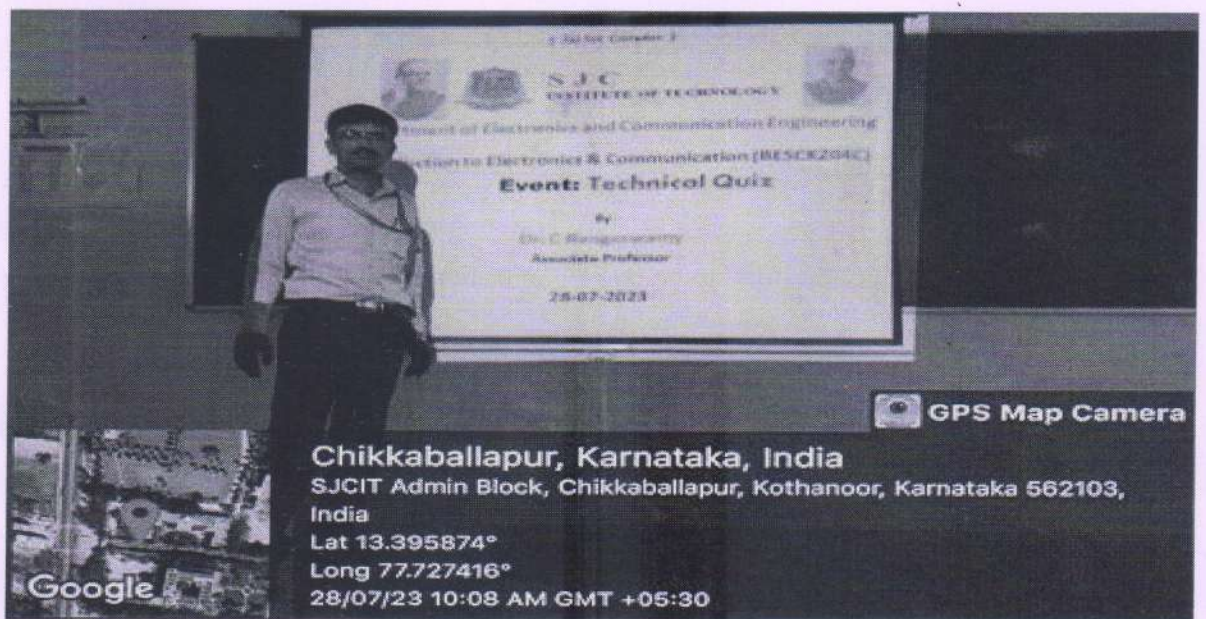
1. Technical QUIZ on BE&CE was conducted on **6th Jan 2024** for I semester ISE A Section Students.
2. Students were divided into 8 Groups, in each group 7 members and were asked the Questions. Points were provided based on Right /Wrong answers given by students. Almost everybody were able to answer the right answer. -This is for 1st set.
3. For 2nd set- Group A and Group B two Groups were made, and competition was very good.
4. All participated well which improved their subject knowledge, skills, analysis, and efficiency of each student.

List of Sample Questions with Solutions

1. If doubling the voltage across a resistor doubles the current through the resistor then
 - A. the resistor value decreased
 - B. the resistor value did not change
 - C. the resistor value increased
 - D. it is impossible to determine the change in the resistor value
2. If the voltage across a fixed value of resistance is increased five times, what does the current do?
 - A. It increases by a factor of five.
 - B. It decreases by a factor of five.
 - C. It stays the same.
 - D. Not enough information
3. If the resistance in a circuit with constant voltage increases, the current will
 - A. increase
 - B. decrease
 - C. stay the same
 - D. Not enough information
4. Ohm's law describes the mathematical relationship between
 - A. ohms, kilohms, and megohms
 - B. resistor size and resistor value
 - C. resistance, voltage, and current
 - D. none of the above

5. Energy is defined as the ability to
- A. produce heat
 - B. produce light
 - C. produce sound
 - D. All of the above
6. Rectifier circuits are?
- A. single-phase
 - B. multi-phase
 - C. Both A and B
 - D. Can not say

Proof



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Activity: Group Subject seminar- I Sem ISE B Section

Sub: Introduction to Electronics & Communication (BESCK104C)

Name of the Course Faculty: Chandini A G

1. Group Subject seminar on BE&CE was conducted on **3rd Jan 2024** for First semester ISE B Section Students.
2. Students were divided into 8 Groups, in each group 6 members and were asked to present. Points were provided based on Presentation skills, explanation quality given by students. Almost everybody were able to present well.
3. All participated well which improved their subject knowledge, skills, analysis, and efficiency of each student.

Description:

- A seminar is a form of academic instruction, either at an academic institution or offered by a commercial or professional organization.
- It has the function of bringing together small groups for recurring meetings, focusing each time on some particular subject, in which everyone present is requested to participate.
- This is often accomplished through an ongoing Socratic dialogue with a seminar leader or instructor, or through a more formal presentation of research.
- It is essentially a place where assigned readings are discussed, questions can be raised and debates can be conducted.

Objective:

Seminar Objectives

- Awareness of how to use values in improving your own professionalism
- Implement values for bridging and harmonising your employees
- Learning about personal and communication styles for team building
- Learning from history, art and music from natural human life
- Learning management of values
- Using values for your business development
- Increase knowledge of Emotional Intelligence

Proof:

