

B.N.M. Institute of Technology,

Department of Electronics and Communication Engineering.

Innovative teaching method

Title of Innovative method/activity: **Crossword**

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Designation: Asst. Prof.

Goals/objectives of method:

This activity orients such that the students are assisted to remember and recall the complex terminologies in the course during their examinations. Also inculcate the interest and involvement of students completely during the lecture sessions.

Description of method:

The courses like Basic Electronics includes more theoretical concepts, hence a method is required to remember the key words related to those concepts, thus activity includes a set of questions related to the key words in each chapter. The questions can be the meaning, definition of that word etc. with the help of those clues students are suppose to fill the blank squares provided in a particular pattern.

This activity is conducted before their internal or soon after completion of that particular module so as to ensure the important words or phrases are clearly understood by the students. A feedback form is provided to them for the purpose of evaluating the same.

Benefits of method:

The key words can be remembered and recapitulated whenever required.

It also makes the session interesting, brings in fun during learning, which enhances the understanding capability.

It helps to involve themselves actively during the sessions.

For review and critique contact:

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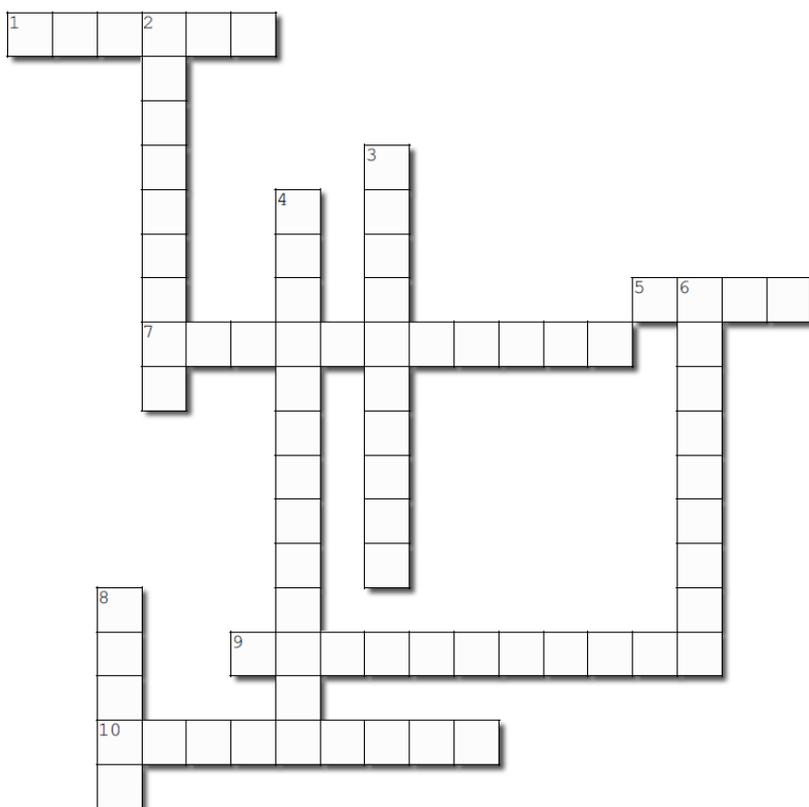
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B.N.M Institute of Technology

BASIC ELECTRONICS CROSSWORD

Name:

USN:



Created using the Crossword Maker on TheTeachersCorner.net

Across

1. JFET terminal 'legs' are connections to the drain, the gate, and the
5. Is FET a voltage controlled device.
7. To use FET as a voltage controlled resistor, in which region it should operate?
9. A passive electrical device which transfers electrical energy between two or more devices
10. When an input signal reduces the channel size, the process is called

Down

2. A device that maintains designated voltage level consistently
3. A component used for regulating the line or load voltage
4. For an n-channel FET, What is the direction of current flow?
6. The first stage of AC to DC converter.
8. 2 terminal PN junction