

B.N.M. Institute of Technology

Approved by AICTE, Affiliated to VTU, Accredited as grade A Institution by NAAC

All UG branches – CSE, ECE, EEE, ISE & Mech.Engg. accredited by NBA for academic years 2018-19 to 2020-21 & valid upto 30.06.2021

Post box no. 7087, 27th cross, 12th Main, Banashankari II Stage, Bengaluru- 560070, INDIA Ph: 91-80- 26711780/81/82 Email:

principal@bnmit.in, bnmitprincipal@gmail.com, www. bnmit.org

Department: Electrical & Electronics Engineering

Innovative Teaching Method

Academic Year 2020-21

Sl. No.	Name of Faculty	Course	Semester	Innovative method	Whether published in website? (Yes/No)
1.	Dr.R.V.Parimala	Power System Analysis-2	7 th	https://youtu.be/0F7Ikxlt7xY	Yes
2.	Dr.K.Venkatesha	Digital System Design	3 rd	https://youtu.be/SeAYE7oCbLA	Yes
3.	Dr.Priyashree S	Signals and Systems	5 th	https://youtu.be/WqmRh3x0Y	Yes
4.	Dr.Madhu S	Analog Electronics Circuits	3 rd	https://youtu.be/PHusNiZo6UE	Yes
5.	Sri.A.Kumar	Microcontroller	5 th	https://youtu.be/I13rf8fWXCU	Yes
6.	Smt. Ashiwini A	Basic Electrical Engineering	1 st /2 nd	https://youtu.be/FQZVcP3nOOo	Yes
7.	Ms.Kruthi Jayaram	Basic Electrical Engineering	1 st /2 nd	https://youtu.be/k5UuJwZkbac	Yes
8.	Smt.Karanam Vasudha	Electric Circuit Analysis	3 rd	https://youtu.be/gPWXYXxUoxM	Yes
9.	1. Smt. Ashiwini A 2. Smt. Champa P N	Electrical Machines Laboratory	3 rd	Video recording of all the experiments	Yes

10.	1.Dr. K Venkatesha 2.Dr.Shubha Rao K	Electronics Laboratory	3 rd		Yes
11.	1. Dr.K.Venkatesha 2. Smt. Karanam Vasudha	Power Electronics Laboratory	5 th		Yes
12.	1. Dr. Priyashree S 2. Ms.Kruthi Jayaram	High Voltage Engineering Laboratory	7 th		Yes
13.	1.Dr. Madhu S 2.Sri.Sujith T	Power System Simulation Laboratory	7 th		Yes

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Department: Electrical & Electronics Engineering

Innovative Teaching Method

Subject: Video recording of various courses by **VROOK**

Sem: I ,III, V sem EEE (Odd Sem 2020-21)

Title of Innovative method/Activity: **Virtual Class**

Year: 2020-21

Faculty: Dr. R V Parimala for Power system Analysis-II, Dr. Venkatesha K for Digital System Design, Dr.Priyashree for Signal and Systems, Dr. Madhu S for Analog system Smt. Ashwini A, Ms. Kruthi Jayaram for Basic Electrical Engineering, Mrs. Karanam Vasudha for Electrical circuit analysis, A kumar for Microcontrollers.

Goals/Objective of method:

To create a virtual classroom for the students.

Description of method:

Video Recording of various courses was done and uploaded on YouTube so that the students can watch it anytime and anywhere and understand the concepts very well.

Benefits of method:

- Creation of technical awareness amongst the students.
- A permanent record of topics in various courses.

Effectiveness of method:

Students' especially slow learners are able to understand the concepts in a much better way.

For review and critique contact:

E-Mail address of faculty:

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kvasudha@bnmit.in,

kumarbnmiteee@gmail.com,

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kvenkatesha@bnmit.in,

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Department: Electrical & Electronics Engineering

Innovative Teaching Method

Subject: Electrical Machines Laboratory-I, Electronics Lab, Power Electronics Lab and Power system simulation Lab, High Voltage Engineering Lab.

Sem: I ,III V and VII sem EEE (Odd Sem 2020-21)

Title of Innovative method/Activity: Virtual Laboratory Classes

Year: 2020-21

Faculty:

Smt. Ashwini A and Smt. Champa P N for Machines Lab-I

Dr. Venkatesha K and Smt. Shubha Rao k for Electronics Lab.

Dr. Venkatesha K and Smt. Karanam vasudha for Power Electronics Lab.

Dr. Madhu S and Sri Sujith T for Power system Simulation Lab

Dr. Priyashree S and Ms. Kruthi Jayaram for High Voltage Engineering Lab

Goals/Objective of method:

To create a virtual Lab for the students.

Description of method:

Video Recording of experiments of various laboratories was done and shared with students so that they can watch it anytime and anywhere and understand the concepts very well.

Benefits of method:

- Creation of technical awareness amongst the students.
- A permanent record of conduction of experiments.

Effectiveness of method:

Students' especially slow learners are able to understand the concepts in a much better way.

For review and critique contact:

E-Mail address of faculty:

priyashrees@bnmit.in, kruthijay@gmail.com, madhus@bnmit.in, ashwinia@bnmit.in, shubharaok@bnmit.in, kruthijay@gmail.com, kvasudha@bnmit.in, kvenkatesha@bnmit.in, hodeee@bnmit.in ,