#### J.S.P.M.'s

## Jayawantrao Sawant College of Engineering, Hadapsar, Pune-28 Department of Electronics and Telecommunication Engineering Academic year (2021-22) Semester-II

# Subject: Power Devices & Circuits Activity Report

Class: TE [B]

Name of the method: Role Play

Date: 17.03.2022

**Description:**In this activity students has to behave like the power device, and they need to explain the features & applications of power devices in a team. This activity was conducted during the lab session in a batch of students. This activity is helpful for in depth understanding of the concepts.

Suggested By: HOD & Module Coordinator: Dr. R. D. Gawade

#### **Statement & Evidences:**

**Statement:**Students need to explain the features & applications of power devices by assuming they are the individual power device (SCR, MOSFET, IGBT & GTO)in a group.(BL-3, PO1, PO9,PO10)

#### **Evidences:**

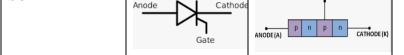
Students played the role of SCR, MOSFET, IGBT, GTO.

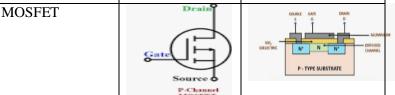


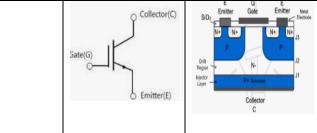


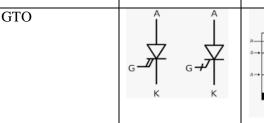
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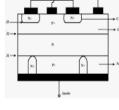
# NAME OF SYMBOL CONSTRUCTION DEVICE SCR GATE(G)











## Outcome: Following are the outcomes of the activity:

- Increased interest in the subject by learning the topic with fun.
- Enhancedcommunication &presentation skills.
- Increased the engagement of the students which is essential while switching from online to offline mode.

**IGBT**