



## PRIYADARSHINI COLLEGE OF ENGINEERING

(Approved by A.I.C.T.E., New Delhi & Govt. Of Maharashtra,

Affiliated to R.T.M. Nagpur University, Nagpur)

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### One Page Report of Students Activity (Virtual LAB) (2024-25)

**Name of Department :** Electronics and Telecommunication Engineering

**Title of the Activity :** Performance of Half wave rectifier/Full wave rectifier

**Date/Time/Venue :** 15/07/2024 from 3:00 pm to 5:00 pm at EDC Lab  
(Communication Electronics Lab)

**Name of the Faculty :** Dr. V. G. Girhepunje

**Resources used :** Virtual Lab ( IIT Kharagpur)

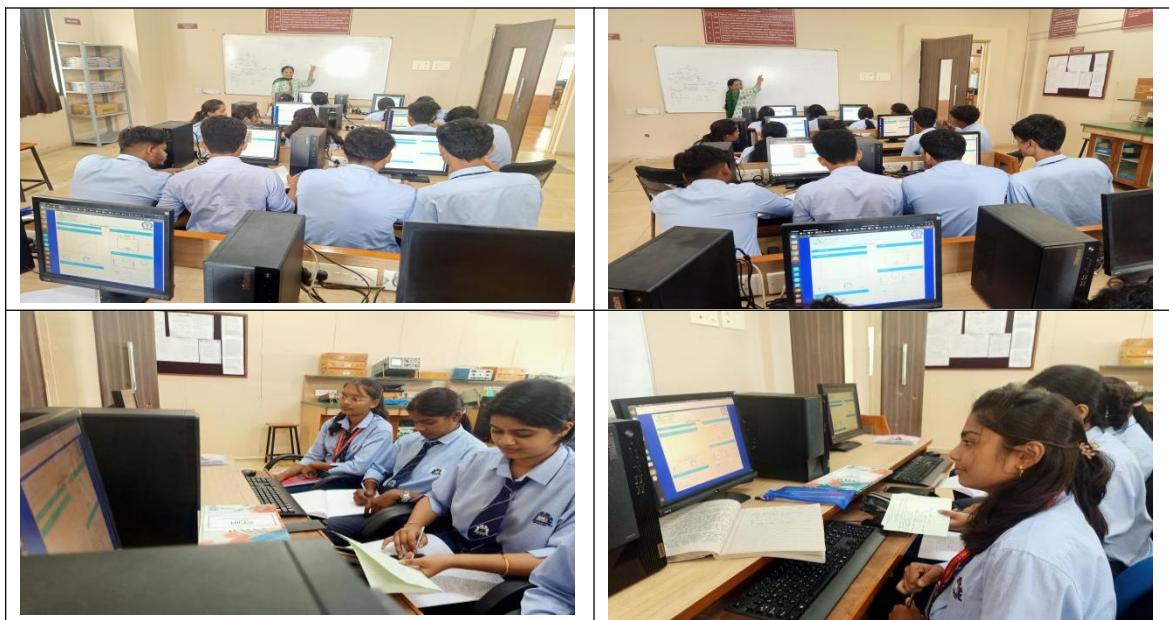
**Brief Description of Activity :** Observation of Waveform of HWR/FWR and calculation of Ripple factor

**Number of Students Involved : 18**

**Outcome :** Students can verify the results by varying the component values and draw a conclusions on Ripple factor dependency on Load resistance.

**Relevance to POs, PSOS :** PO5, PO6, PO9, PO11, PO12 / PSO2

**Photographs:**



Dr. V. G. Girhepunje  
Assistant Professor, ETC

Dr. V.K.Taksande  
Head, ETC