

SSES Amt's Science College, Congress Nagar, Nagpur

Fabrication of DC Power Supply

Session 2018-19

Shri Shivaji Education Society, Amravati's

Science College, congress Nagar, Nagpur

Department of Physics

Session 2018-19

NOTICE

Date: 09/03/2019

All the MSC students of physics department are hereby informed that Department of Physics is organizing **Workshop on Fabrication of DC power Supply** dated **15/03/2019**. All students should remain present for the same.



Dr. S. W. Anwane
Professor and Head
Department of Physics
Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE
Congress Nagar, Nagpur.

Head
Department of Physics



INNOVATIVE PROJECT by Students for the College: Every firstyear students of M.Sc. Physics fabricated a regulated dc power supply which is need of our laboratory. Under the leadership of Dr S S Darokar, our teachers - Ms. Sumedha J. Tamboli, Mr. Sarang R. Daf, Mr. Bhaurao R Balbudhe, Mr. C Ruchir Kumar, Ms. Pratiksha P Dixit, Mr. Pratik M Deshmukh guided the students for design-fabricate-encapsulate the power supply in a cabinet. This state-of-the-art Regulated DC Power Supply was today handed over to the Department by the students. The cost of the project was partly sponsored by the college and partly by the students. To mark the contribution, name of the student is mentioned on the cabinet as a gesture of appreciation. I feel indebted to the students and teacher for their invaluable contribution.

Action Taken: The objective is to understand the DC power supply design and fabrication, improve understanding of power electronics and circuit design. Practical experience with electronics fabrication and testing were held. Students knowledge of transformer, rectifier, filter and regulator circuits were improved. They familiarized with voltage regulation and DC output smoothing.

**Shri Shivaji Education Society Amaravati's
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Department of Physics**

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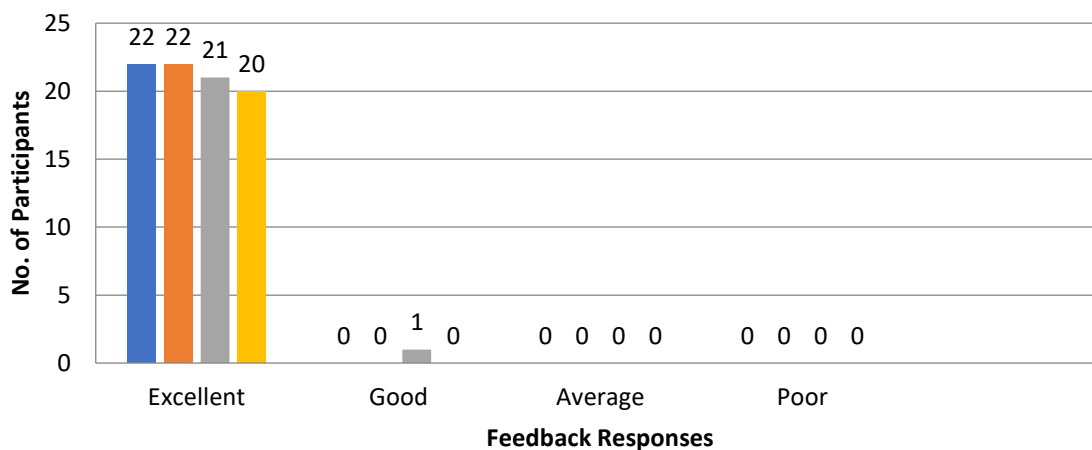
Name of Teacher : Dr. S. W. Anwane

Feedback Form

Name of Student :

- 1) How clear were the instructions provided for the physics activities?
 Excellent
 Good
 Average
 Poor
- 2) How engaging did you find the physics activities?
 Excellent
 Good
 Average
 Poor
- 3) To what extent did the activities help you grasp the key concepts ?
 Excellent
 Good
 Average
 Poor
- 4) How appropriate were the difficulty levels of the physics activities for your current understanding?
 Excellent
 Good
 Average
 Poor

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Dr A A Halder
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