



**SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND
SCIENCE, COIMBATORE-20**

DEPARTMENT OF PHYSICS

CONCEPTS BASED WORKING MODELS-2016-2017

Report

Objectives

- Enhance an individual's understanding of the Physics concepts.
- Facilitate efficient conveyance of Physics concepts details between stakeholders.

The course on the concepts-based working model (learning by doing) integrated theory studied in the classroom into real-time learning. The concepts conceptualized in the core Physics courses are transformed into working models. The developed models are displayed in the common forum to conceive the intrinsic knowledge of Physics by the other students. Further, the school students' in and around the institution benefitted through the models. This improves the communication skill, team spirit, and coherence to words the course teacher.

Outcomes

- Learning by doing practice publicizes the Physics concepts at the school and college level.
- Concepts conceptualized are actualized through models established.

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CONCEPTS BASED WORKING MODELS 2017-2018

Report

Objectives

- Enhance the experiential learning concept through demonstration
- Induce the critical thinking among the students

Integrated theory studied in the classroom and experienced in the practical classes is demonstrated through the concepts-based working model. The concepts conceptualized in the core Physics courses are transformed into working models. The developed models are displayed in the common forum to conceive the intrinsic knowledge of Physics by the other students. Further, the school students' in and around the institution benefitted through the models. The students developed their working models based on theory learned from core physics concepts like mechanics, optics and magnetism. This improves the communication skill, team spirit, and coherence to words the course teacher.

Outcomes

- Experiential learning concept through demonstration are enlighten
- Critical thinking among the students are manifested

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DEPARTMENT OF PHYSICS

CONCEPTS BASED WORKING MODELS-2018-2019

Report

Objectives

- Improve the confident level of the students through peer – tutoring.
- Empower the creativity and problem solving skill of the students.

The concepts conceptualized in the core Physics courses are transformed into working models developed by the students through their creativity. The models are exhibited in the common forum to conceive the intrinsic knowledge of Physics by school students. Further, the school students' in and around the institution benefitted through the models. This improves the communication skill, team spirit, and coherence to words the course teacher.

Outcomes

- Confident level of the students are enhanced through peer – tutoring .
- Gained a wide spectrum of skills which will enable them to solve experimental problems.

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