

TEACHER'S ACTIVITY REPORT : 2020 - 2021

FACULTY: Science

DEPARTMENT/ COMMITTEE: PHYSICS

IQAC ACTIVITY No: SVC/2020-2021/PHYSICS/SOC/6

NAME OF THE ACTIVITY: Two days Workshop on Lab Safety and Waste Management

DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
04 – 05 Jun, 2021	Science	Physics	Dr. Narender Kumar (TIC)
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE : OUT/IN – DOOR
04 Jun, 2021 – 05 Jun 2021	Microsoft Teams	Lab Staff of the College: Faculty :	On-line

Support/Assistance	Sri Venkateswara College, University of Delhi
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BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. II, III, VII):

TOPIC/SUBJECT OF THE ACTIVITY	Lab Safety and Waste Management
OBJECTIVES	To train Lab staff for making Physics Laboratory a place a hazardless place, and action to be taken in case of any hazard. Also, to train them the maintenance of lab equipment for their smooth functioning and elongativity.
METHODOLOGY	A brief discourse was made on what is (or should be) the role of teachers, Lab staff, Students, College Administration and even safaiwala in the making of Laboratory a better work place. So that everyone can play equally important role in improving the learning environment, thus eventually making our society a better and more logically empowered society. We also discussed how an undergraduate physics lab is different from any other undergraduate lab in science stream. We concluded that the health and accidental hazard in physics lab are also present in other labs but converse is not true and

	<p>accidental hazards in physics lab are much smaller at undergrad level. This scenario though changes in case of nuclear and particle physics lab where extra precaution is required to avoid interaction with nuclear radiation. The continuous exposure to the radiation causes health issues and therefore must be avoided. We also discussed various precautionary measures to be taken while performing experiments in different areas of physics.</p>
<p>OUTCOMES</p>	<p>Speakers: 1. Dr. Chandrabhan Dohre 2. Dr. Ram Lal Awasthi</p> <p>After listening this session lab staff was able to appreciate and understand the fact that they have a big role to play in lab. They should increase the interaction with students to improve the quality and precaution measures to be taken before and during the time students are performing an experiment. They should also actively participate in discussion sessions and also go for one to one discussion with faculties to learn various physics concepts to improve their own understanding about physics in general and about experiment installed in the lab in particular. They also learned that a clean lab environment has a positive psychological impact on students. Also, installation of only functioning experiments and relegating the damaged/non-working equipment's also improves the temperament towards performing experiments. They also learned that lab staff should create an environment which makes students to be attached to lab in their spare time.</p> <p>They learned that in Mechanics Lab people should keep in mind of elastic limits, in electricity and magnetism lab they should keep in mind about electric safety and battery maintenance, in optics lab they should maintain cleanliness, reduce brittleness and make proper wiring etc in dark room, in thermal physics lab they should take in to account of corrosion, and alertness about heat and electric sources during and after experiments, in modern physics and spectroscopy careful handling of experiments and proper calibration, in solid state physics lab they should be careful about electric</p>

	and magnetic field, x-rays etc, and in nuclear and particle physics lab a general precaution while even handling lab equipment's must be taken. Any close contact with source or detector should be avoided. Face, particularly eyes, should not be touched before proper cleaning of hands etc.
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PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

Notice & Letters (Poster) : YES	Student list of participation	Activity report	Photos : YES	Feedback Form
Feedback Analysis	News Clip with Details	Certificate	Any Other (Booklet)	

IQAC Document No:	Criterion No:	Metric No:
Departmental file no :	IQAC file No;	

NAME OF TEACHER(S) & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
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Dr. Narender Kumar	Dr. Narender Kumar (Teacher-in-Charge) Department of Physics	Dr. N. Latha IQAC Coordinator Sri Venkateswara College
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For Reference

Criterion I	Curricular Aspects (Planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

Proofs :

* Activity Report

* Booklet (If Any)

* Poster of the Event

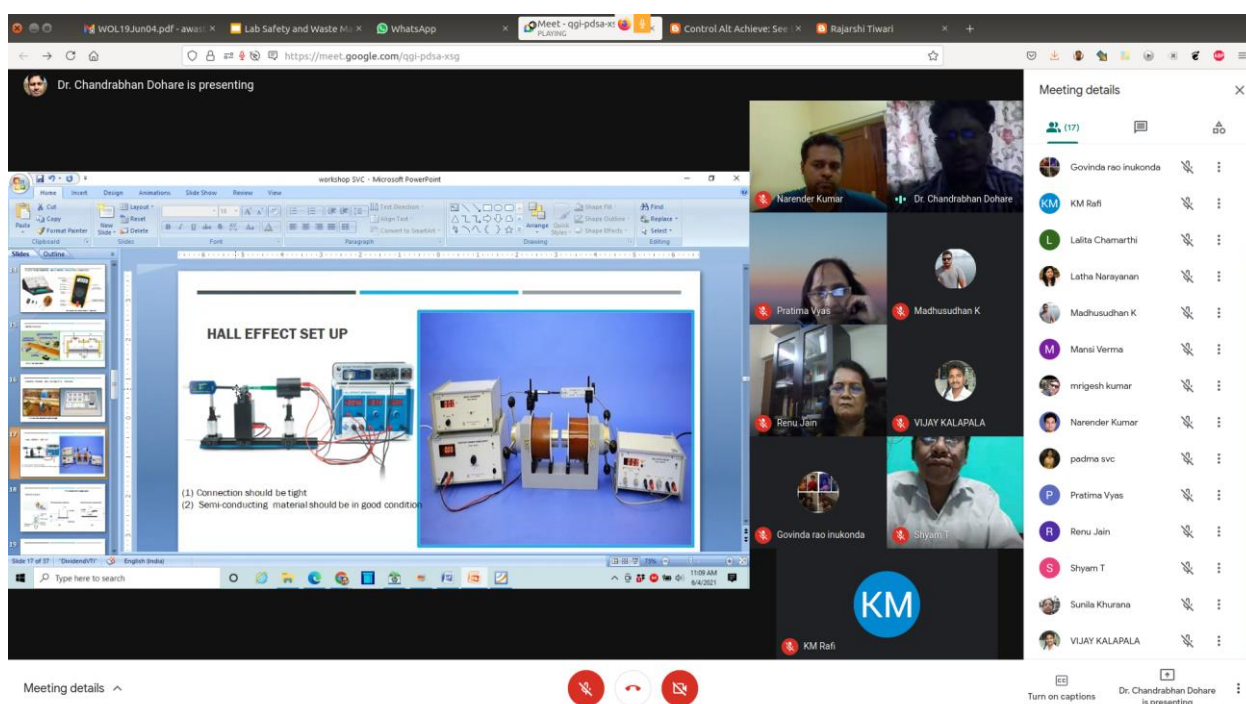
* Poster of Special event if any

* Program Schedule

* Feedback Form

* Feedback Highlights

* Photo Gallery



* Certificate

Attendance of Participants

ACTIVITY: Two Days Workshop on Lab Safety and Waste Management

Time: 10:30 AM 11:30 AM

Date: 04 Jun 2021

Time : 02:45 pm – 03:45 pm

Date: 05 Jun 2021

Venue: Sri Venkatesawara College

Criterion No: II/ III/ V/ VII

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S. No.	Name of Faculty	Designation
1	Dr. Renu Jain	Associate Professor
2	Dr. Pratima Vyas	Associate Professor
3	Dr. A. K. Chaudhary	Associate Professor
4	Dr. K. C. Singh	Associate Professor
5	Dr. Narender Kumar	Assistant Professor
6	Dr. Anant Pandey	Assistant Professor
7	Dr. Manoj Giri	Assistant Professor
8	Dr. Garima Saxena	Assistant Professor
9	Dr. Ram Lal Awasthi	Assistant Professor

