

# Report of Physics Department

(2017-18)



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Sector-36, Chandigarh

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**Department Name:** Physics Department

**Session:** 2017-18

**Names of Courses offered:**

1. B.Sc. (Non Medical and Vocational)- Three year Degree Course (Semester system).
2. B.Sc. (Hons.) Physics.

**FACULTY DETAILS:**

**1. Publications:**

Permanent Faculty/ Contractual faculty	Title of Paper	Title of the Journal with ISSN	Month/ Year
Dr. Renu Bala (Contractual)	Dependence of structure factor and correlation energy on width of electron wires	Eur. Phys. J. B <b>91</b> : 29 (2018).	2018

**2. Activities Organized by Physics Department:**

- **Lectures:** Department of Physics organized a lecture on the topic “New Experiments in Physics” by Prof. Ramandeep Johal, Professor at IISER, Mohali, on Nov 8, 2017.
- **Celebration of Physics fest. Eureka -2017:** With a vision to promote Physics as well as to provide the students a platform for showcasing their talent, Department of Physics instituted PHYSICS SOCIETY having students from all classes [B.Sc. (Non-medical and Vocational)]. An educational event EUREKA was organized by Physics Society in which activities like Poster Making, Power Point Presentations, Scientific cartoons, Working Models, Idea Contest and Nature poetry were organized.
- **Workshops:**
  - ✓ One day workshop on experimental demonstration of Physics in daily life was organized by Department of Physics on March 15, 2018 in which Prof. M. S. Marwaha was the resource person.
  - ✓ A two day workshop of ‘automation and control’ was organized in which Mr. Lalitesh Kumar from Sofcon Pvt. Ltd. was the resource person.

## **STUDENTS' DETAILS:**

- ✓ About 40 students and all faculty members of Department of Physics took part in automation and control workshop.
- ✓ About one hundred (100) students of UG classes participated in this Physics Fest Eureka 2017.