

**Rayat Shikshan Sanstha's
Balwant College, Vita
Department of Physics
2024-25**



One Page Report

Department:	Department of Physics	
Title of Activity:	Study Tour	
Day :Monday	Date:07/10/2024	Time:7am – 7.30pm

Synopsis:

As per the syllabus, a one day educational tour was organized by department of Physics. During this study tour, students visited, **S. G. M. College, Karad** dated on 07-10-2024 (Monday). This activity was conducted under functional **MOU with S. G. M. College** in heads of Sharing academic facilities to conduct study visits.

Students visited M.Sc. Laboratories and Common Facility centre (CFC) in college. Students took information about facilities concern to set up of chemical and physical methods useful for synthesis of thin films and nanoparticle viz. Spray pyrolysis, CBD, ED, SILAR, reflux, Spin coating, Dip coating, Hydrothermal, Nanofiber electrospinning set up etc. Along with this, students took information about double distillation units, constant temperature bath, oven, vacuum furnace, muffle furnace, autoclaves and their uses.

During visit, Hon. Head, Department of Physics Prof. (Dr.) J. B. Thorat guided students about research and concern career opportunities and answered their queries. The students not only gained awareness about most recent research but also get well acquainted with career opportunities in the same fields.

In Common facility centre, students visited to instrumentation set ups of various characterization facilities such as potentiostat, Fourier transform infrared spectroscopy (FTIR), contact angle meter, UV-VIS Spectrophotometer, Electrochemical Impedance Spectrometer workstation (EIS), Precision LCR meter etc. They have taken information in relation to their construction, working and applications. This activity is conducted under guidance of honorable Principal Dr. V. S. Shivankar and Head, Department of Physics, Prof. C. R. Bobade.

Objectives	Outcomes-
To develop research interest among students.	Developed research interest among students.
To visit laboratory and research facilities.	Students Exposed to new experiences and research environment.

Geotag Photos:



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