

6.2.1

Additional Information on case study:

Strategic Plan has been framed with the following mechanism:

Purpose & Value: Ever aspiring to achieve the goals set in the Perspective Plan for development.

Objective: The authority is committed to “Encourage Teachers in their higher research” as per the stated strategic plan of the college. The primary objective is to inspire and engage the teachers in higher research. This will certainly help inspire the students as well. Together it will create an environment for higher research.

Name of the project undertaken to serve the purpose: The establishment of Modern Research Lab at the college.

Report: Abhedananda Mahavidyalaya is ever so keen to grow and expand in the sphere of academics. Although we have limited resources we do have a much focused approach in this. Institution identifies, frames and executes plans and update or upgrade those plans regularly. This approach has been well and truly reflected in the case of an establishment of a modern research lab for the department of Physics. At Abhedananda Mahavidyalaya we value the importance of research and give it our due preference. As a part of institution’s well acknowledged strategy to promote higher research the college missed no opportunity to help and establish a Nano Physics lab (funded by DST INSPIRE major project IFA 13 PH79). The lab was established with a view to conduct basic research in physics with an emphasis on the structure and kinetics of systems confined to nano dimensions, as obtained at surfaces and interfaces, in monolayer and multilayer films, and in nanoscale objects. It is to be noted that this highly sophisticated lab is involved in many collaborations with national and international labs. The project head and coordinator Dr. Jayanta Kumar Bal submitted a prayer before the Governing Body for setting up this facility in the college (Letter dated: 21.04.2018). The Governing Body in its meeting held on 22.05.18 readily accepted and approved his proposal with a vision to promote higher research. In addition to that another major project (project no. CRG/2018/002290) has been sanctioned and funded by DST SERB (project no. CRG/2018/002290). In the near future some sophisticated equipments will be installed in this lab. The research outcomes (relevant to the syllabus) of this lab are discussed with graduate students of this college using PPT presentation which facilitates their fundamental understanding. For a Grant-in-aid College, located in a remote place, this sophisticated laboratory holds a special place of significance.

Apart from conducting higher research at a remote place like this the laboratory proves to be a source of inspiration for undergraduate students. This certainly gives them an opportunity to have a glimpse of a horizon of knowledge beyond the boundary of their undergraduate course.

Photo Gallery: <http://abhedanandamahavidyalaya.ac.in/photo-gallery/>