

7.2.1 Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link (2018-19).

BEST PRACTICE 1 – Organizing DST-INSPIRE Camps for young students to take up Science as Career for the future endeavors:

Global competitiveness in the changing global knowledge economy calls for expansion and right-sizing of the scientific treasure of the country. To do this there is a urgent need for special interventions to attract youth towards to study science and continue their careers with scientific research. In this connection, Government of India has launched a unique programme called “INSPIRE” to strengthen the National Science and Technology base. INSPIRE is one such innovative program proposed by DST with an objective to communicate to the youth population of the country the excitements of creative pursuit of science and attract talent to the study science at an early stage and build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base.

DST-INSPIRE is a program with long term foresight. One of the components of this programme is Early Attraction of Talent for Science through INSPIRE Internship, in which annually about 50,000 students of top 1% performers in Class X board examinations and pursuing science at plus 2 level will be given an exposure with leaders in science in the Science camps to experience the joy of innovations.

The Department of Geology, Yogi Vemana University, Kadapa has shouldered the responsibility of organizing DST-INSPIRE camp couple of times in 2011 and once in 2016, 2017, 2018 & 2019. University will continue this scientific endeavor in future as well.

BEST PRACTICE 2 - BUTTERFLY PARK – INSECT MUESEUM:

The flying Jewels, Butterflies are important nature creatures because of their diversity, ecological role and influence on agriculture, human health and natural resources. They have been used in landmark studies in biomechanics, climate change, developmental biology, ecology, evolution, genetics and physiology. They are the major groups of Arthropods and the most diverse group of creatures on the earth with over million described species. Presently, about 1,70,000 butterflies are available all over the world. As a part of research, department of Zoology has been conducting experimental biodiversity programmes and creating new knowledge, interest and necessary skills among the students about the butterfly species diversity.

Darwins Butterfly Park Museum first of its kind in Andhra Pradesh is being maintained by Department of Zoology. It has a collection of nearly 400 butterflies belonging to 23 species displaying in a mosaic of various colors and hues. In the Museum more than 70 species along with life cycles were displayed in beautiful boards. Nearly 14 Television channels telecasted programs on the Park Museum.