

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 (2016-17).

Best Practice 1 – Research & Development:

- Yogi Vemana University Research cell is supported by University Research Committee and Department Research Committee for the smooth functioning of Research related activities to promote the excellence in Teaching and Research.
- University is continuously encouraging the faculty for submitting proposals to various national and international funding agencies like UGC, DST, DBT, ICSSR, MNRE, CSIR, MOEF, DAE-NRB, ICMR and NBM, ISRO, APCOST, MIC, MoES, MNMA, etc.
- In association with Edusat-IIRS Regional Centre, Department of Earth Science has conducted online classes on GIS and Remote Sensing and 900 students got training in the current year. This programme is successful and continuing since 2014.
- Department of Physics, Yogi Vemana University was the first department to be selected for DST-FIST programme worth ₹1,00,00,000/-.
- University is pursuing research on new variants of Banana and Mushroom cultivation under Agri-science park scheme funded by Ministry of commerce, Government of Andhra Pradesh.

Post Doctoral Research

- University is continuously encouraging the faculty, research scholars and students to establish cordial relations and collaborative programs with national and international research institutions and other organizations. It is also encouraged to sign MoUs for exchange of students and research facilities.
- University is continued to get the UCG-Raman Post-Doctoral Fellowship under INDO-US Collaborative Research Programme. In the current year 4 faculty members of various departments of Yogi Vemana University has selected under this programme. In total 13 faculty members were awarded with UCG-Raman Post-Doctoral Fellowship till date.

Research Infrastructure

- Highly sophisticated research equipment has been procured and made available to the researchers of the university. To name some – NMR, UV-Vis-NIR Spectrophotometer, XRD Spectrometer, Particle Size Analyser, GC, Super conducting facility, FTIR, Solar Simulator, HPLC, PCR machine, -20 and -80 freezers, CO₂ incubators.

- ISRO-Geosphere and Biosphere Programme Network Facility: Department of Physics has established an Atmospheric Science Laboratory for continues monitoring of various Atmospheric parameters as a part of Indian Space Research Organization (ISRO)'s Aerosol Radiative Forcing over India Network Project (ARFINET), which involved around 42 aerosol observatories across India.

Best Practice 2 - Examination Branch Digitalization:

- The Examination branch has adopted Digitalization in generation of register numbers, hall ticket generation, coding and decoding of answer scripts, photo nominal rolls, Candidate specific answer booklet and Result processing.
- University has developed a separate official examination portal for payment of examination fee, display of results and other examination related information will be displayed on.