7.3 Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Area of Thrust:

ICT Integration in Teaching, Learning and Administration at Panjab University

Computer technologies and other aspects of digital culture have changed the ways people live, work, play, and learn, impacting the construction and distribution of knowledge and power around the world.

Information Communication Technology (ICT) is considered a powerful tool for educational change and reform and plays an important role in enhancing the quality of education. Administration and management applications of ICT are currently popular in HEIs due to their capabilities in facilitating administration activities from data storage to knowledge management and decision-making.

Methods of ICT Integration in Teaching and Learning

- o Teachers extensively use ICT-enabled tools for interactive teaching to optimally deploy student-centric methods.
- o Power-point presentations, holding quizzes (Google Forms) etc. are a few methods adopted by teachers to blend IT-enabled methods into the traditional classroom setup.
- o Guest lectures, seminars/webinars, talks etc., workshops, and training are organized through video-conferencing, skype etc.
- o A repository of recorded videos of seminars, guest lectures and also lectures developed by faculty members has also been created for different courses; they are made available to students online for self-paced learning (online Notice Board on the departmental website).

ICT-enabled Examination Result Processing

- o Format and weightage of assessments are integrated into the PU evaluation portal.
- o The entire process of submission of grades by the faculty, moderation, submission of grades to the Controller of Examination and final display of results to be accessed by the students is carried out online via the Computerized Examination Systems.

- Plagiarism detection software is available for the detection of similarity in students' submissions for term papers, project reports, theses and dissertations.
- Adoption of OMR based Form/ Answer sheets for timely processing of forms and declaration of results

ICT integration in Admission and other administrative processes.

- Website for admission to all programmes and further time-to-time updates on the admission status posted in https://admissions.puchd.ac.in
- Up-to-date and complete information on the admission dates, the procedure to apply, no. of seats, fee payment, loan facility, and refund policy along with a copy of the brochure are posted on the PU website.

The infrastructure supporting ICT integration

- Dedicated IT staff for managing IT services and ICT assets in Dr A P J Abdul Kalam Computer Center and other branches at the university.
- Every classroom, seminar hall and conference room at PU is well-equipped with a computer system and projector.
- Wi-Fi enabled campus.
- A vast collection of e-books, e-journals and other e-resources along with remote access to the library.

Pedagogic innovations

- Remote access to the office – computer systems are given to faculty and staff for better coordination. Students could access the computer in the laboratory to access and use the software in those systems.
- CISCO WebEx and Google Meet were used as the platform for conducting classes, discussions, webinars etc.
- Accessibility of Online Resources at the Library from remote locations facilitates the students to access online aggregators subscribed by the library such as JSTOR, Science Direct, etc.