6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

DEI has formulated a comprehensive and progressive two-decade strategic plan **(VISION-2031)**, in tune with its Vision and Mission, to become a leading teaching-cum-research Institute through an exemplary system of education, afteran exhaustive self-examination by all its stakeholders, including external experts from prestigious institutes in India and abroad.

DEI has been awarded the ISO 9001:2015 certification whose scope is provision for academic administration, management and administrative support services for conducting educational programmes with the award of credits and grades. Detailed quality manuals mapping processes with key performance indicators have been prepared and deployed. Certification for ISO:2100 has already been initiated.

A desirable outcome of the strategic plan is the **Infusion of ICT into all aspects of Education.** DEI successfully implemented this important aspect of the Strategic Plan through the following initiatives:

1. **Vidyaprasar**: The DEI Open Course Portal, an on-line collaborative learning, live web cast and content management system.
2. **e-DEI-de (e-DEI distance education)**: A non-profit modular on-line mentored programme offering a variety of short 2-4 week Certificate Courses in diverse subject areas, to provide, (i) opportunities for working professionals and (ii) for skill-set enhancement and live training.
3. **Student Centred Online Teaching-Learning System (SCOTLS)**: Simultaneous online interactive teaching in diverse locations, as part of B.Ed. and M.Ed. internship programmes.
4. **SWAYAM@DEI**: A Postgraduate Course in Visual Arts that includes portrait and landscape studies.
5. **Digitization of all courses by Department of Management**: for professional courses such as BBA and MBA.
6. **Virtual Laboratories**: Establishment of 11 remote triggered labs. in Physical and Chemical Sciences, Electrical, Mechanical and Electronics and Communication Engg.
7. **Quantum and Nano Computing Virtual Centre**: A multidisciplinary centrein partnership with IIT Kanpur, IIT Delhi and IIT Madras, besides several international collaborators that include, Univ. of Waterloo, Canada and Univ. of Maryland, College Park, USA.
8. **Educational Resource Planning (EDRP) Software**for Admission, Course Registration, Examination and Result Processing, Optical Mark Recognition (OMR) Evaluation, Online Quiz and Project Planning.
9. **Library Automation and e-journal services**.
10. **Dayalbagh Adivasi Education (Academics, Vocation and Entrepreneurship)** at Rajaborari Tribal Area in M.P.: Established basic infrastructure, communication network to provide education and socio-economic initiatives to empower the underprivileged. Virtual classes integrated with LMS accessed by school students on mobile devices such as tablets.

11. **Information-Communication-Neuro-Cognitive-) Technologies Assisted Language Lab, (I-C-N-C-) Tall**: for teaching and learning and interdisciplinary research in the realms of consciousness, literature and languages.
12. **2G to 5G and Internet of Things Laboratories**to groom graduate students in emerging technologies in communication.
13. **Hole in the Wall**: To spread computer literacy among village children by providing access to multimedia computers.
14. **Telemedicine**: providing expert medical opinion via e-consultation integrated with medical camps at remote locations: Rajaborari Forest Area, MP and Murar in District Buxar, Bihar.
15. **ICT-enabled Vocational Courses and Translation to Regional Languages**: The Center for Applied Rural Technology (CART) designed and developed courses in English and translated into Hindi and Tamil.

Links

Vision 2031
https://www.dei.ac.in/dei/index.php?option=com_content&view=category&layout=blog&id=74&Itemid=378

IoE Book
https://www.dei.ac.in/dei/files/notices/2019/IOE.pdf