

Experiential Intensive Digital Teaching Learning Methods

DYPES Mission statement to use technology to provide a global standard of higher education materialized with JUNO Campus (GEMS) Learning Management System in 2017. Faculty training, and support in technology use optimized delivery of learning.

1. **Simulation Skills Centre** occupies 10,000 sq ft area with six computers, ten TV monitors, two debriefing rooms, five segments: Skills Training, Anatomage, Ultrasound (Vimedix, Blue phantom), Surgical Simulation (EndoVR, LaproVR) and Patient simulation with three high fidelity simulators (Apollo, Lucina, and Luna). Total 139 workshops had 1100 beneficiaries.
2. **Microsoft Teams** facilitated academic interactions (theory and practical), assessments, mentoring, video sharing, creation of 14 e-modules consisting of 115 interdisciplinary lectures.
3. **Microsoft 365 training** highlighted storage, convenience of work, collaboration.
4. **Zoom Platform** –facilitated academics, administrative, hospital operations, audits.
5. **Biometric Face recognition** precluded physical contact
6. **Teaching Aids** - Smart Boards, LCS, 2-way OT AV Relay, Visualizer
7. **LMS:** timetables, notices, leave application, indenting, attendance, lectures are routinely done.
8. **3D Cyber Anatomy**- facilitated student revision
9. **WiFi Campus** - 1 GBPS line (BSNL), router spread, and back-up Airtel subscription with Firewall and data protection
10. **Digital Libraries**, Wi-Fi/LAN access in workplaces, discipline-specific **databases**, availability of e-resources