



Dayananda Sagar University

School of Engineering

Devarakaggalahalli, Harohalli, Bengaluru South Dt., – 562 112

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Minor in Intelligent XR & Digital Twin Systems using NVIDIA Omniverse

Credits: 18 Credits

Duration: Semester III – VII

Offered By: AR/VR/XR Centre of Excellence

Sl. No	Course Name	Credits
1	Foundations of XR & Intelligent Systems	4
2	XR Application Development with AI Tools	4
3	AI-Driven Digital Twin Systems	4
4	IoT & Edge AI for XR Systems	4
5	Capstone Project	2

Note: DLI courses mapping

- Digital Twin Foundations
- OpenUSD Fundamentals
- Building Video AI Applications
- Omniverse Development