Title of the Practice: IISc Knowledge and E-Learning Network

Objective: To offer online post-graduate degree programmes to working professionals at a quality on-par with the equivalent residential programmes, by blending foundations and practice, novel pedagogy and innovative technology platforms.

Context: Global universities have adopted online and digital learning strategies through Massive Open Online Courses (MOOCs) and certification/degree programmes. The National Education Policy (NEP) 2020 of India put forth a vision and enabling framework for online education. The COVID-19 pandemic created an ecosystem for new online degree programmes.

Practice:
IISc began offering degrees in three streams in sponsored mode. The host company signs an MOU with IISc, nominates students, and support their study. The curriculum and credit structure are on par with our residential programmes. Moodle, a learning management system, and Teams are used for lectures and collaborative learning.

Evidence of Success:
About 45 faculty members from IISc are involved in offering courses and mentoring projects. About 40 unique online courses have been offered till date. About 120 students enrolled in the programme across the three streams.

Problems Encountered and Resources Required: Only those streams with no or minimal lab content are offered. We can also benefit from better outreach.