Annexure C

Minor in Quantum Technology

Course Code	Course Name	Credits	Mandatory/Basket	Semester	Total Credits
PH5600	Quantum Physics for Engineers	2	Mandatory	5	2
PH5710	Introduction to Quantum Computing	2	Mandatory	6	2
PH5601	Simulations Lab	2	Mandatory	7	2
PH5720	Electronic Materials and Quantum Devices (Quantum Devices-I)	2	Basket of 3 courses – Take any 2 courses out of PH5720/PH5620 /PH5610	In 5th and/or 7th semester	4
PH5620	Quantum Optical Devices	2			
PH5610	Mathematical and Computational Methods for Quantum Devices	2			
PH5650	Quantum Measurement and Sensing	2	Basket of 3 courses – Take any 1 out of PH5650/PH5612 0/PH5730	In 6th or 8th semester	2
PH56120	Fabrication and Characterization of Quantum Devices	2			
PH5730	Introduction to Quantum Communication	2			
				Total	**12**