M.S. Embedded Systems (Eaton Technologies, Pune)

Type of Input: Sponsored employees (with adequate relevant work experience) with an Integrated First Degree of BITS in Electrical & Electronics or Electronics & Instrumentation or Computer Science or its equivalent.

Duration: Four Semesters

Special Feature: This is a specially designed Work-Integrated Learning Programme for the HRD requirements of sponsored employees of Eaton Technologies, Pune.

Year	First Semester		U	Second Semester		U
I	ESET ZG512	Embedded System Design	4	ESET ZC341	Mechatronics	3
	ESET ZG523	Project Management	4	ESET ZC424	Software for Embedded System	3
	ESET ZG553	Real Time Systems	5	ESET ZG611	Advanced Control Systems	5
	ESET ZG573	Digital Signal Processing	3	ESET ZG641	Hardware Software Co-Design	4
		Total	16		Total	15
II	ESET ZG525	Avionics Systems	5	ESET ZG629T	Dissertation	20
	ESET ZG531	Pervasive Computing	4			
	ESET ZG612	Fault Tolerant System Design	5			
	ESET ZG651	Networked Embedded Applications	4			
		Total	18		Total	20

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants.

M.S. Embedded Systems (iGate-Patni, Mumbai)

Type of Input: Sponsored employees (with adequate relevant work experience) with an Integrated First Degree of BITS in Electrical & Electronic or Electronics & Instrumentation or Computer Science or its equivalent.

Duration: Normally Four Semesters

Special Feature: This is a specially designed programme for Human Resource Development needs of iGate-Patni, Mumbai.

Year	First Semester		U	Second Semester		U
I	ESPC ZC421	Computer Networks	3	ESPC ZC424	Software for Embedded Systems	3
	ESPC ZG512	Embedded System Design	4	ESPC ZG520	Wireless & Mobile Communication	5
	ESPC ZG553	Real-Time Systems	5	ESPC ZG641	Hardware Software Co-Design	4
	ESPC ZG573	Digital Signal Processing	3	ESPC ZG651	Networked Embedded Applications	4
		Total	15		Total	16
II	ESPC ZC446	Data Storage Technologies & Networks	3	ESPC ZG629T	Dissertation	20
	ESPC ZG513	Network Security	4			
	ESPC ZG531	Pervasive Computing	4			
	ESPC ZG612	Fault Tolerant System Design	5			
		Total	16		Total	20

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants.