Program Study Plan

Course Code	Course Name	Credit Hours
First Year		**Level 1**
711CCE	Advanced Computer Architecture	3
721CCE	Hardware Design Tools	3
722CCE	VLSI Design	3
751CCE	Wireless Communication Technologies	3
		12

Course Code	Course Name	Credit Hours
First Year		**Level 2**
791CCE	Research Methodology	2
723CCE	H/W and S/W Co-design	3
741CCE	Advanced Cryptography	3
731CCE	Embedded System Design	3
		11

Second Year		**Level 3**
742CCE	Advanced Hardware Security	3
712CCE	High Performance Computing	3
7**CCE	Elective-1	3
7**CCE	Elective-2	3
		12

Second Year		**Level 4**
7**CCE	Elective-3	3
7**CCE	Elective-4	3
798CCE	Project	3
		9

Total Credits =(12+11)+12+9=44

Electives				
1	761CCE: Design and Analysis of Algorithms	6	745CCE: Security Architecture
2	771CCE: Advanced Intelligent Systems	7	746CCE: Securing Internet of Things
3	772CCE: Computer Vision	8	732CCE: Systems On-Chip
4	743CCE: Hardware Hacking and Control	9	733CCE: Real-time Embedded Systems
5	744CCE: Hardware Testing	10	734CCE: Networked Embedded Systems