Possible Schedule for EE AY2014/15 Common Intake (Major Requirements), joining EE2 in Sem 1 AY2015/16

Schedule I	Schedule II	Schedule III	Schedule IV	Schedule V or VI	Schedule VI or V	Schedule VII	Schedule VIII
MA1505 Maths I	MA1506 Maths II	EE1001 Emerging Technologies in EE	EE2012 Analytical Methods in ECE	Industrial Attachment (IA)	EE2031 Circuits & Systems Design Lab (3MCs)	EE4001	EE4001
EG1108* [map to EE1002]	EG1109 [convert to UEM]	EE1003 Intro to Signals & Comms	EE2025 Power Electronics	EE3031 (Innovation & Enterprise Project I)	EE2032 Signals & Comms Lab (3MCs)	EG2401 Engineering Professionalism	1 Unrestricted Elective Module
CS1010E Programming Metholdology	MLE1101 [convert to UEM]	EE2020 Digital Fundamentals (5MCs)	EE2024 (5MCs) Programming for Computer Interfaces (Pre-Requisite:EE2020)		ELECTIVE (OUTERCORE)	HR2002 Human Capital in Organisations	DEPTH ELECTIVE
PC1431 [convert to ULR]	PC1432 [convert to UEM]	EE2021 Devices & Circuits	EE2023 Signals & Systems		ELECTIVE (OUTERCORE)	DEPTH ELECTIVE	BREADTH/DEPTH ELECTIVE (Unrestricted)
1 SS Module	GEM A Module: GEK1549 Critical Thinking & Writing	EE2011 Engineering Electromagnetics	PC2232 Physics for EE [Pre-requsite:EE2011]		ELECTIVE (OUTERCORE)	1 ULR Breadth	
		ES2331 Communicating Engineering	1 GEM Module				
19 MCs	20 MCs	25 MCs	25 MCS	16 MCs	18 MCs	20 MCs	18 MCs

ES2331 is a compulsory Faculty Requirement for B.Eng(EE) students admitted from AY2014/15. Students who qualify & were earlier invited to read the advanced ES1501A/ES1501B, will read the module in lieu of both GEK1549 and ES2331. Students in the University Town Residential programme will read IEM1201 and IEM2201 in lieu of both GEK1549 and ES2331.

*EG1108 (3 MCs) will be mapped to EE1002 (4 MCs). The 1 MC shortage will be top-up by the Technical Elective module. Other modules done in year 1 which cannot be mapped to Programme requirement can be converted to fulfill UEM/ULR requirements.

Students are required to take **at least 22 MCs of technical electives (6 technical electives)**.

<u>**Important:**</u>

1. **The above University Level Requirements (GEMs, SS, ULR Breadths) and Unrestricted Elective Module Requirements (UEM) are for reference only. Students are free to re-schedule these (GEMs, SS, ULR Breadths, UEM) modules as they are done by biding via CORS.**
2. **In the second-year(schedule III & IV), students will study most ECE core modules and are advised not to take more than one additional module in each sem.**
3. **The minimum 22 MCs of electives satisfying the EE Outercore/Breadth / Depth requirements can be taken at any semester upon satisfying the pre-requisites.**
4. **Accelerating students can take EE4001 when they achieve level 4 standing.**