

# POSSIBLE SCHEDULE FOR ECE AY2012 INTAKE STUDENTS

## Possible Schedule for EE (planning for IA) AY2012/13 Intake

Schedule I	Schedule II	Schedule III	Schedule IV	Schedule V	Schedule VI	Schedule VII	Schedule VIII
MA1505 Maths I	MA1506 Maths II	EE2022 Electrical Energy Systems	EE3031 (Innovation & Enterprise Project I)	EE3032 (Innovation & Enterprise Project II)	Industrial Attachment (12MCs)	EE4001	EE4001
CS1010E Programming Methodology	EE1003 Intro to Signals & Communications	EE2023 Signals & Systems	EE2012 Analytical Methods in ECE	EG2401 Engineering Professionalism	BREADTH / DEPTH ELECTIVE	HR2002 Human Capital in Organisations	1 Unrestricted Elective Module
EE1001 Emerging Technologies in EE	ES1531 Critical Thinking & Writing <small>[Former code: EG1413]</small>	EE2024 Programming for Computer Interfaces <small>[Pre-Requisite:EE2020] [ Note: change from 4 to 5 MCs wef AY13/14 with no change in module workload ]</small>	EE2021 Devices & Circuits	BREADTH ELECTIVE	DEPTH ELECTIVE	DEPTH ELECTIVE	1 GEM Module
EE1002 Intro to Circuits & Systems	EE2020 Digital Fundamentals <small>[ Note: change from 4 to 5 MCs wef AY13/14 with no change in module workload ]</small>	EE2011 Engineering Electromagnetics	PC2232 (Physics module) <small>[Pre-Requisite:EE2011]</small>	BREADTH ELECTIVE		DEPTH ELECTIVE	DEPTH ELECTIVE
1 SS Module / ES1102 <sup>1</sup>	1 GEM Module	1 ULR-Breadth / Unrestricted Elective Module : * ES2331 Communicating Engineering <small>[Pre-Requisite:ES1531]</small>	EE2032 Lab module 2 (3MCs) <small>[ Note: change from 2 to 3 MCs wef AY13/14 with no change in module workload ]</small>	EE2031 Lab module 1 (3MCs) <small>[ Note: change from 2 to 3 MCs wef AY13/14 with no change in module workload ]</small>			
			BREADTH ELECTIVE	1 ULR-Breadth Module			
20 MCS	20 MCS	20 MCS	22 MCS	23 MCS	20 MCS	17 MCS	18 MCS

<sup>1</sup> ES1102 is to be read by students who do not meet the pre-requisite of ES1531 [Former module code EG1413].

\* **ES2331** is a new compulsory Faculty Requirement for B.Eng(EE) students admitted from AY2012/13. The module should be read on a graded basis, as ULR Breadth or Unrestricted Elective. Students who qualify & were earlier invited to read the advanced ES1501A/ES1501B, will read the module in lieu of both ES1531 and ES2331. Students in the University Town Residential programme will read IEM1201\_ and IEM2201\_ in lieu of both ES1531 and ES2331.

### Important:

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 bidding 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 **32** MCs of **electives** satisfying the EE **Breadth / Depth** requirements can be taken at any semester upon satisfying the pre-requisites.
4. Students planning on going to IA should plan to take EE3 project in sem I of the third year of study (schedule V) or during the special term subject to availability.
5. Accelerating students can take EE4001 when they achieve level 4 standing.