

# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY PUNE

## First Year Course Structure

SEMESTER - I				SEMESTER – II			
Sr. No	Course name	Type	Credits L-T-P-C	Sr. No.	Course name	Type	Credits L-T-P-C
1	Linear Algebra, Sequence and series	BSC	2-1-0-3	1	Univariate Calculus	BSC	2-1-0-3
2	Solid State Physics and Electromagnetism	BSC	3-0-2-4	2	Data Structures and Algorithms	SC	3-1-2-5
3	Electrical Science	PSC	3-0-2-4	3	Digital Electronics	SC	3-0-2-4
4	Semiconductor Devices and Circuits	SC	3-0-2-4	4	Electronics and Computer Workshop	SBC	0-0-4-2
5	Computer Programming	SC	3-1-2-5	5	Discrete Structures and Graph Theory	SC	3-0-0-3
6	Communicative English	HSMC	1-0-2-2	6	Environmental Studies	MLC	2-0-0-2
7	Yoga Course	HSMC	2-0-0-0	7	Quantum Mechanics and Opto-Electronics	BSC	3-0-2-4
Total engagement / credits			29 / 22	8	Yoga Course	EAA	2-0-0-0
				Total engagement / credits			30 / 23

## **Abbreviations:**

- **Sem: Semester**
  - **AY: Academic Year**
  - **BSC: Basic Science Course**
  - **SC: Subject Core**
  - **PSC: Professional Science course**
  - **SBC: Skill Based Course**
  - **HSMC: Humanities / Social Science / Management Course**
  - **MLC: Mandatory Learning course**
  - **EAA: Extra Academic Activities**
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- **L - Lectures**
  - **T- Tutorials**
  - **P- Practical**
  - **C- Credits**
  - **A- Audit**