

Name of the Department : Electronic Science

Odd Semester	Type of the Course	Name of Course	UPC	Credits	Link of DU site having the course syllabus	Page Number of syllabus	Even Semester	Type of the Course	Name of Course	UPC	Credits	Link of DU site having the course syllabus	Page Number of syllabus			
Semester 1	Core 1	Programming Fundamentals Using Python	2512011101	4	15092023_Indis_sem1.pdf	43-50	Semester 2	Core 4	Basic Instrumentation and Measurement Techniques	2512011201	4	28032023_nep-Faculty of Interdisciplinary & Applied Sciences.pdf	19-27			
	Core 2	Circuit Theory & Network Analysis	2512011102	4	https://www.du.ac.in/uploads/new-web/09082024-ec-Appendix-52.pdf			Core 5	Digital Electronics	2512011202	4					
	Core 3	Semiconductor Devices	2512011103	4				Core 6	Analog Electronics-I	2512011203	4					
	GE 1	Fundamentals of Electronics	2514001003	4				GE 2	Digital System Design	2514001201	4					
	SEC 1	Basic IT Tools	2346000005	2	21092022_SEC.pdf			SEC 2	Basic IT Tools	2346000005	2			21092022_SEC.pdf	12-14	
	VAC 1			2	26102022_VAC.pdf			VAC 2		6967000016	2			26102022_VAC.pdf	51-67	
	AEC 1							AEC 2								
Semester 3	Core 7	Engineering Mathematics	2512012301	4	https://www.du.ac.in/uploads/new-web/15092023_Indis_sem1.pdf	94-118	Semester 4	Core 10	Electrical Technology	2512012401	4	18092023_Inter_4.pdf	106-128			
	Core 8	Analog Electronics-II	2512012302	4				Core 11	Microprocessor	2512012402	4					
	Core 9	Signals and Systems	2512012303	4				Core 12	Principles of Communication Systems	2512012403	4					
	GE 3	Electronic Circuits and Interfacing	2514002001	4				GE 4	Instrumentation	2514002005	4					
	DSE 1	Artificial Intelligence and Machine Learning	2513012001	4				DSE 2	Internet of Things	2513012004	4					
	SEC 3	Essentials of Python		2				21092022_SEC.pdf	SEC 4	-						
	VAC 3		6967000019	2				26102022_VAC.pdf	VAC 4		6967000027			2	26102022_VAC.pdf	11-13
AEC 3					AEC 4											
Semester 5	Core 13	Embedded System	2512013501	4	18092023_Inter_4.pdf	131-155	Semester 6	Core 16	Digital Signal Processing	2512013601	4	18092023_Inter_4.pdf	156-179			
	Core 14	Electromagnetics	2512013502					Core 17	Photonics	2512013602	4	https://www.du.ac.in/uploads/new-web/09082024-ec-Appendix-52.pdf				
	Core 15	Basic VLSI Design	2512013503					Core 18	Technology	2512013603	4					
	GE 5	Microprocessor	2514000011	4				GE 6	Microcontroller Systems	2514000021	4					
	DSE 3	Computer Networks	2513010007	4				DSE 4	Instrumentation	2513010013	4					
	SEC 5	Assessment		2				29122022_Appendix-127.pdf	SEC 6	-						
Semester 7	Core 19	Control Systems			27052025_Merge_notification_idas.pdf	2-28	Semester 8	Core 20	Power Electronics		4	27052025_Merge_notification_idas.pdf	30-53			
	DSE 5	Advanced Machine Learning						DSE 8	Natural Language Processing		4					
	GE 7 (if Minor)	Semiconductor Devices and its applications						GE 8 (if Minor)	Communication Systems							
		Research/Project/Internship 1						Research/Project/Internship 2								