



SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)

Scheme of Examination (Semester-VI) Bachelor of Technology (B. Tech.) – CSE

for Batch Admitted in session - 2022-23

Subject Code	Subject Category	Subject Name	Maximum Marks Allotted								Contact Hrs.			Total Credits
			Theory				Practical			Total Marks	L	T	P	
			ES	MS	Assignment	Quiz	ES	LW	Quiz					
CS 601	DC	Cloud Computing	60	20	10	10	--	--	--	100	3	1	0	4
CS 602	DC	Machine Learning	60	20	10	10	--	--	--	100	3	0	0	3
CS 603	DE	DE-II	60	20	10	10	--	--	--	100	3	0	0	3
CS 604	DE	DE-III	60	20	10	10	--	--	--	100	3	0	0	3
OE 605	OE	OE-IV	60	20	10	10	--	--	--	100	3	0	0	3
CS 606	DLC	Programming Lab-III	--	--	--	--	60	20	20	100	0	0	4	2
CS 607	DLC	Minor Project	--	--	--	--	100	50	--	150	0	0	8	4
	ILC	Extracurricular Activities	It is a one credit per year activity to be endorsed in the eighth semester mark sheet.											
Total			300	100	50	50	160	70	20	750	15	1	12	22
List of Courses for Honors Degree (MOOCs)									Credits					
List of Courses for Minor Degree (MOOCs)									Credits					

Internship-III (120 Hrs) External /Institute Level
will be evaluated in VII sem

Department Elective DE-2

Code	CS-603 (A)	CS-603 (B)	CS-603 (C)
DE-II	Project Management	Advanced Web Technology	Cyber Security

Department Elective DE-3

Code	CS-604 (A)	CS-604 (B)	CS-604 (C)
DE-III	Soft Computing	Digital Image Processing	Data Warehousing & Data Mining

Open Elective launched by CSE programme

Code	OE-605 (A)	OE-605 (B)	OE-605 (C)
OE-IV	Machine Learning	Cloud Computing	Cyber Security

***Additional Total 20 credits required for Honors / Minor degree**

List of Courses for Honors Degree (MOOCs)

Note: *Informed in Even Semester by CSE department

NPTEL Code	Category	Subject Name	Duration	Credits
noc25-cs61	CSE	Quantum Algorithms and Cryptography	12 Weeks	3
noc25-cs75	CSE	Foundation of Cloud IoT Edge ML	8 Weeks	2
noc25-cs37	CSE	GPU Architectures and Programming	12 Weeks	3
noc25-cs45	CSE	Introduction to Large Language Models (LLMs)	12 Weeks	3
noc25-cs37	CSE	GPU Architectures and Programming	12 Weeks	3
noc25-cs09	CSE	Business Intelligence & Analytics	12 Weeks	3
noc25-cs38	CSE	Human Computer Interaction (In English)	12 Weeks	3
noc25-cs01	CSE	Advanced Computer Architecture	12 Weeks	3
noc25-cs03	CSE	Advanced Graph Theory	8 Weeks	2
noc25-cs79	CSE	Privacy and Security in Online Social Media	12 Weeks	3

List of Courses for Minor Degree (MOOCs)

NPTEL Code	Category	Subject Name	Duration	Credits
noc25-cs15	CSE	Computer Networks And Internet Protocol	12 Weeks	3
noc25-cs08	CSE	Blockchain and its Applications	12 Weeks	3
noc25-cs13	CSE	Compiler Design	12 Weeks	3
noc25-cs16	CSE	Cryptography and Network Security	12 Weeks	3
noc25-cs18	CSE	Data Base Management System	12 Weeks	3
noc25-cs21	CSE	Deep Learning - IIT Ropar	12 Weeks	3
noc25-cs23	CSE	Design and analysis of algorithms	8 Weeks	2
noc25-cs19	CSE	Data Mining	8 Weeks	2
noc25-cs44	CSE	Introduction To Internet Of Things	12 Weeks	3
noc25-cs69	CSE	The Joy of Computing using Python	12 Weeks	3