



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.) – BC
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						
BC 601	DC	Cloud Computing	60	20	10	10	--	--	--	100	3	1	0	4	
BC 602	DC	Introduction to Smart Contract	60	20	10	10	--	--	--	100	3	0	0	3	
BC 603	DE	DE-II	60	20	10	10	--	--	--	100	3	0	0	3	
BC 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	
BC 606	DLC	Programming Lab-III	--	--	--	--	60	20	20	100	0	0	4	2	
BC 607		Minor Project	--	--	--	--	100	50		150	0	0	8	4	
	ILC	Extracurricular Activities	It is a one credit per year activity to be endorsed in eight 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	

Additional total 20 credits required for Honors / Minor degree

Internship-III (120 Hrs) External /Institute Level (Will be Evaluated in VII Semester)

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

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

Code	OE-605 (A)	OE-605 (B)	OE-605 (C)
OE-IV	Machine Learning	Exploratory Data Analysis	Introduction to Smart Contract
Prerequisite	Discrete Mathematics & AI	Data Science	Foundation of Blockchain

List of Courses for Honors Degree (MOOCs)

Note: *Informed in Even Semester by 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)

Note: *Informed in Even Semester by department

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