IES UNIVERSITY, BHOPAL

IES Campus Kalkheda, Ratibad Main Road, Bhopal (M.P.) – 462044

NEW SCHEME OF EXAMINATION AS PER NEP 2020 ORDINANCE 14(1) OF M.P. HIGHER EDUCATION

BACHELOR OF SCIENCE (B. SC) COMPUTER SCIENCE (I SEMESTER) WITH SINGLE MAJOR FOR THE BATCH ADMITTED 2026

SEMESTER I

S. No.	Course Code	Category	Course Name	Maximum Marks Allocated				Practical Max		Tot.	Contact Hours per Week			
				Theory			End Term				L	T	P	Total Credits
				Mid Term	Attd.	Continuous Assessment		End Term	Continuous Assessment					
1	BCS121	MAJOR	Computer System Architecture	20	5	5	70	30	20	150	5	-	2	6
2	BCS122	MINOR	Introductory Programming Methodologies	20	5	5	70	30	20	150	3	-	2	4
3	BCS123	GEC	Artificial Intelligence(AI) for Every One	20	5	5	70	-	-	100	3	-	-	3
4	ENG121	AEC	English Language & Indian Culture	20	5	5	70	-	-	100	2	-	0	2
5	CS121	SEC	Information Technology	20	5	5	70	-	-	100	2	-	2	3
	BSC121	PW/AP/CE	Project Work	-	-	-	-	70	30	100	-	-	4	2
Total				**100**	**25**	**25**	**350**	**130**	**70**	**700**	**15**	**-**	**10**	**20**

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NEW SCHEME OF EXAMINATION AS PER NEP 2020 ORDINANCE 14(1) OF M.P. HIGHER EDUCATION

BACHELOR OF SCIENCE (B. SC) COMPUTER SCIENCE (II SEMESTER) WITH SINGLE MAJOR FOR THE BATCH ADMITTED 2026

SEMESTER II

S. No.	Course Code	Category	Course Name	Maximum Marks Allocated				Practical Max		Tot.	Contact Hours per Week			
				Theory			End Term	End Term	Continuous Assessment		L	T	P	Total Credits
				Mid Term	Attd.	Continuous Assessment								
1	BCS221	MAJOR	Operating System and Office Tools	20	5	5	70	30	20	150	5	-	2	6
2	BCS222	MAJOR	Programming Methodology and Data Structure(Using C & C++)	20	5	5	70	30	20	150	5	-	2	6
3	BCS223	MINOR	Ordinary Differential Equations	20	5	5	70	-	-	100	4	-	-	4
4	HIN221	AEC	Hindi Language & Indian Culture	20	5	5	70	-	-	100	2	-	0	2
5	BSC221	VAC	Understanding India	20	5	5	70	-	-	100	2	-	-	2
Total				**100**	**25**	**25**	**350**	**60**	**40**	600	**18**		**4**	**20**

NOTE: EXIT OPTION AFTER TWO SEMESTER WITH CERTIFICATE IN COMPUTER SCIENCE OF NCRF LEVEL 4.5 AFTER EARNING 40 CREDITS WITH AN ADDITIONAL INTERNSHIP OF 4 CREDITS.

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NEW SCHEME OF EXAMINATION AS PER NEP 2020 ORDINANCE 14(1) OF M.P. HIGHER EDUCATION

BACHELOR OF SCIENCE (B. SC) COMPUTER SCIENCE (I SEMESTER) WITH DOUBLE MAJOR FOR THE BATCH ADMITTED 2026

SEMESTER I

T. No.	Course Code	Category	Course Name	Maximum Marks Allocated				Practical Max		Tot.	Contact Hours per Week			
				Theory			End Term				L	T	P	Total Credits
				Mid Term	Attd.	Continuous Assessment		End Term	Continuous Assessment					
1	BCS121	MAJOR	Computer System Architecture	20	5	5	70	30	20	150	5	-	2	6
2	BCS122	MINOR	Introductory Programming Methodologies	20	5	5	70	30	20	150	3	-	2	4
3	BCS123	GEC	Artificial Intelligence(AI) for Every One	20	5	5	70	-	-	100	3	-	-	3
4	ENG121	AEC	English Language & Indian Culture	20	5	5	70	-	-	100	2	-	0	2
5	CS121	SEC	Information Technology	20	5	5	70	-	-	100	2	-	2	3
	BSC121	PW/AP/CE	Project Work	-	-	-	-	70	30	100	-	-	4	2
Total				**100**	**25**	**25**	**350**	**130**	**70**	**700**	**15**	**-**	**10**	**20**

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BACHELOR OF SCIENCE (B. SC) COMPUTER SCIENCE (II SEMESTER) WITH DOUBLE MAJOR FOR THE BATCH ADMITTED 2026

SEMESTER II

S. No.	Course Code	Category	Course Name	Maximum Marks Allocated				Practical Max		Tot.	Contact Hours per Week			
				Theory			End Term	End Term	Continuous Assessment		L	T	P	Total Credits
				Mid Term	Attd.	Continuous Assessment								
1	BCS221	MAJOR	Operating System and Office Tools	20	5	5	70	30	20	150	5	-	2	6
2	BCS222	MAJOR	Programming Methodology and Data Structure(Using C & C++)	20	5	5	70	30	20	150	5	-	2	6
3	BCS223	MINOR	Ordinary Differential Equations	20	5	5	70	-	-	100	4	-	-	4
4	HIN221	AEC	Hindi Language & Indian Culture	20	5	5	70	-	-	100	2	-	0	2
5	BSC221	VAC	Understanding India	20	5	5	70	-	-	100	2	-	-	2
Total				**100**	**25**	**25**	**350**	**60**	**40**	**600**	**18**		**4**	**20**

NOTE: EXIT OPTION AFTER TWO SEMESTER WITH CERTIFICATE IN COMPUTER SCIENCE OF NCRF LEVEL 4.5 AFTER EARNING 40 CREDITS WITH AN ADDITIONAL INTERNSHIP OF 4 CREDITS.