

B.Sc.-B.Ed (Physics)

1st Semester Course Structure							2nd Semester Course Structure						
Sl.	Course Type	Course Code	Course Name	L-T-P	Course Category	Credits	Sl.	Course Type	Course Code	Course Name	L-T-P	Course Category	Credits
1			Language 1 (as per the 8th schedule of the Constitution of India); Sanskrit	3-1-0	Theory	4	1			Language 2 (Other than L1): English for Communication/Learning English	3-1-0	Theory	4
2			Understanding India (Indian Ethos and Knowledge Systems)	2-0-0	Theory	2	2			Understanding India (Indian Ethos and Knowledge Systems)	2-0-0	Theory	2
3			Evolution of Indian Education	3-1-0	Theory	4	3			Teacher and Society	2-0-0	Theory	2
4	Major		Physics I	3-1-0	Theory	4	4	Major		Physics II	3-1-0	Theory	4
5	Major		Physics Lab I	0-0-2	Practical	1	5	Major		Physics III	3-1-0	Theory	4
6			Chemistry I	3-1-0	Theory	4	6	Major		Physics Lab II	0-0-2	Practical	1
			Mathematics I				7			Chemistry II	3-1-0	Theory	4
7			Art (Performing and Visual) & Creative Expressions	0-0-3	--	2			Mathematics II				
						21							21
3rd Semester Course Structure							4th Semester Course Structure						
Sl.	Course Type	Course Code	Course Name	L-T-P	Course Category	Credits	Sl.	Course Type	Course Code	Course Name	L-T-P	Course Category	Credits
1			Child Development and Educational Psychology	3-1-0	Theory	4	1			Philosophical & Sociological Perspectives of Education -I	3-1-0	Theory	4
2			Pedagogy	3-1-0	Theory	4	2			Pedagogy	3-1-0	Theory	4
3	Major		Physics IV	3-1-0	Theory	4	3	Major		Physics VI	3-1-0	Theory	4
4	Major		Physics V	3-1-0	Theory	4	4	Major		Physics VII	3-1-0	Theory	4
5	Major		Physics Lab III	0-0-2	Practical	1	5	Major		Physics Lab IV	0-0-2	Practical	1
6			Chemistry III	3-1-0	Theory	4	6			Chemistry IV	3-1-0	Theory	4
			Mathematics III				Mathematics IV						
						21							21
5th Semester Course Structure							6th Semester Course Structure						
Sl.	Course Type	Course Code	Course Name	L-T-P	Course Category	Credits	Sl.	Course Type	Course Code	Course Name	L-T-P	Course Category	Credits
1			ICT in Education	2-0-0	Theory	2	1			Assessment and Evaluation	2-0-0	Theory	2
2			Pedagogy	3-1-0	Theory	4	2			Inclusive Education	2-0-0	Theory	2
4	Major		Physics VIII	3-1-0	Theory	4	4			Pedagogy	3-1-0	Theory	4
4	Major		Physics IX	3-1-0	Theory	4	4			Mathematical & Quantitative Reasoning	2-0-0	Theory	2
5	Major		Physics Lab V	0-0-2	Practical	1	4	Major		Physics X	3-1-0	Theory	4
5	Major		Physics Lab VI	0-0-2	Practical	1	4	Major		Physics XI	3-1-0	Theory	4
5			Pre-internship Practice (Demo lessons, Peer teaching)	--	--	4	7			School Observation (Field Practice)	--	--	2
						20							20
7th Semester Course Structure							8th Semester Course Structure						
Sl.	Course	Course Code	Course Name	L-T-P	Course	Credits	Sl.	Course Type	Course Code	Course Name	L-T-P	Course	Credits
1			Curriculum Planning & Development (textbooks, material development, etc.) – (Stage Specific)	2-0-0	Theory	2	1			Citizenship Education, Sustainability and Environment Education	2-0-0	Theory	2
2			Perspectives on School Leadership and Management	2-0-0	Theory	2	2			Education Policy Analysis	2-0-0	Theory	2
4			Art (Performing and Visual) & Creative Expressions	0-0-4		2	4			Philosophical & Sociological Perspectives of Education-II	3-1-0	Theory	4
4			Sports, Nutrition and Fitness	--	--	2	4			Yoga and Understanding Self	2-0-0	Theory	2
5			School-based Research Project	--	--	2	4			Depth Elective I (Education Major)	3-1-0	Theory	4
5			Internship in Teaching	--	--	10	4			Creating Teaching Learning Material/Work Experience (Educational Toy making, local/traditional vocations, etc.)	--	--	2
										Post Internship (Review and Analysis)	--	--	2
										Community Engagement and Service	--	--	2
						20							20