

Syllabus

DEPARTMENT OF EDUCATION

Four-Year Integrated Teacher Education Programme (ITEP)

B.Sc.-B.Ed.- Regular Programme



"A" Grade by NAAC & "A" Category by MHRD

Jain Vishva Bharati Institute

(Deemed to be University under section 3 of UGC Act, 1956)

Ladnun-341306 (Raj.)

2025

Price: Rs.

INTEGRATED TEACHER EDUCATION PROGRAMME (ITEP)

(B.Sc.-B.Ed.) Semester-I

Distribution of Papers, Marks and Credit

Course Code	Curricular Component	Course Title	Course Category	Credit	C.I.A.	Theory	Total
-	Student Induction Programme	Two Week Student Induction Programme					
BBSE101MJ	Disciplinary/Inter disciplinary Courses	Chemistry-I	Select Any Two Major Course	4	15	20	100
		Chemistry-II				20	
		Chemistry-III				20	
		Chemistry Practical				25	
BBSE102MJ	Disciplinary/Inter disciplinary Courses	Physics-I	CE	4	15	20	100
		Physics-II				20	
		Physics-III				20	
		Physics Practical				25	
BBSE103MJ	Disciplinary/Inter disciplinary Courses	Mathematics-I	CE	4	15	20	100
		Mathematics-II				20	
		Mathematics-III				20	
		Mathematics Practical				25	
BBSE104MJ	Disciplinary/Inter disciplinary Courses	Botany-I		4	15	20	100
		Botany-II				20	
		Botany-III				20	
		Botany Practical				25	
BBSE105MJ	Disciplinary/Inter disciplinary Courses	Zoology-I		4	15	20	100
		Zoology-II				20	
		Zoology-III				20	
		Zoology Practical				25	
BBSE106FD	Foundation of Education	Evolution of Indian Education	CC	4	30	70	100
BBSE107AV	Ability Enhancement & Value-Added Courses	Language-I (as per the 8 th schedule of constitution of India)	CC	4	30	70	100
BBSE108AV	Ability Enhancement & Value-Added Courses	Arts Education (Performing and Visual)	CC	2	15	35	50
BBSE109AV	Ability Enhancement & Value-Added Courses	Understanding India (India Ethos and Knowledge System)	CC	2	15	35	50
			Total	20	120	380	500

Note: Choice One Group (A/B /C)

Group 'A' Major Course 1. Physical Science (Physics, Chemistry)

Group 'B' Major Course 2. Biological Science (Any Two-Zoology, Botany, Chemistry)

Group 'C' Major Course 3. Mathematics (Mathematics, Physics)

❖ It is mandatory to study two courses from I to VI Semesters in the major course.

INTEGRATED TEACHER EDUCATION PROGRAMME (ITEP)

(B.Sc.-B.Ed.) Semester-II

Distribution of Papers, Marks and Credit

Course Code	Curricular Component	Course Title	Course Category	Credit	C.I.A.	Theory	Total
BBSE201MJ/MN	Disciplinary/Inter disciplinary Courses	Chemistry-I	Select Any Two Major Course	4	15	20	100
		Chemistry-II				20	
		Chemistry-III				20	
		Chemistry Practical				25 Practical	
BBSE202MJ/MN	Disciplinary/Inter disciplinary Courses	Physics-I	CE	4	15	20	100
		Physics-II				20	
		Physics-III				20	
		Physics Practical				25 Practical	
BBSE203MJ/MN	Disciplinary/Inter disciplinary Courses	Mathematics-I	CE	4	15	20	100
		Mathematics-II				20	
		Mathematics-III				20	
		Mathematics Practical				25 Practical	
BBSE204MJ/MN	Disciplinary/Inter disciplinary Courses	Botany-I	Select Any One Minor Course	4	15	20	100
		Botany-II				20	
		Botany-III				20	
		Botany Practical				25 Practical	
BBSE205MJ/MN	Disciplinary/Inter disciplinary Courses	Zoology-I	CE	4	15	20	100
		Zoology-II				20	
		Zoology-III				20	
		Zoology Practical				25 Practical	
BBSE206AV	Ability Enhancement & Value-Added Courses	Language-II (Other than Language-I)	CC	4	30	70	100
BBSE207AV	Ability Enhancement & Value-Added Courses	Understanding India (India Ethos and Knowledge System)	CC	2	15	35	50
BBSE208AV	Ability Enhancement & Value-Added Courses	Teacher and Society	CC	2	15	35	50
			Total	20	105	395	500

Note: Choice One Group (A/B /C)

Group 'A' Major Course 1. Physical Science (Physics, Chemistry) & Minor Course (Mathematics)

Group 'B' Major Course 2. Biological Science (Any Two-Zoology, Botany, Chemistry) & Minor Course (Any One-Zoology, Botany, Chemistry)

Group 'C' Major Course 3. Mathematics (Mathematics, Physics) & Minor Course (Chemistry)

- ❖ It is mandatory to study two courses from I to VI Semesters in the major course.
- ❖ It is mandatory to study one course of II to V Semesters in the minor course.

INTEGRATED TEACHER EDUCATION PROGRAMME (ITEP)

(B.Sc.-B.Ed.) Semester-III

Distribution of Papers, Marks and Credit

Course Code	Curricular Component	Course Title	Course Category	Credit	C.I.A.	Theory	Total
BBSE301MJ/MN	Disciplinary/Inter disciplinary Courses	Chemistry-I	Select Any Two Major Course CE	4	15	20	100
		Chemistry-II				20	
		Chemistry-III				20	
		Chemistry Practical				25 Practical	
BBSE302MJ/MN	Disciplinary/Inter disciplinary Courses	Physics-I	CE	4	15	20	100
		Physics-II				20	
		Physics-III				20	
		Physics Practical				25 Practical	
BBSE303MJ/MN	Disciplinary/Inter disciplinary Courses	Mathematics-I	CE	4	15	20	100
		Mathematics-II				20	
		Mathematics-III				20	
		Mathematics Practical				25 Practical	
BBSE304MJ/MN	Disciplinary/Inter disciplinary Courses	Botany-I	Select Any One Minor Course	4	15	20	100
		Botany-II				20	
		Botany-III				20	
		Botany Practical				25 Practical	
BBSE305MJ/MN	Disciplinary/Inter disciplinary Courses	Zoology-I	CE	4	15	20	100
		Zoology-II				20	
		Zoology-III				20	
		Zoology Practical				25 Practical	
BBSE306FD	Foundation of Education	Child Development & Education Psychology	CC	4	30	70	100
BBSE307OP	Stage-Specific Content-Cum Pedagogy General Pedagogy - For all curricular Areas	Basics of Pedagogy at Secondary Stage	CC	4	30	70	100
			Total	20	105	395	500

Note: Choice One Group (A/B /C)

Group 'A' Major Course 1. Physical Science (Physics, Chemistry) & Minor Course (Mathematics)

Group 'B' Major Course 2. Biological Science (Any Two-Zoology, Botany, Chemistry) & Minor Course (Any One-Zoology, Botany, Chemistry)

Group 'C' Major Course 3. Mathematics (Mathematics, Physics) & Minor Course (Chemistry)

❖ It is mandatory to study two courses from I to VI Semesters in the major course.

❖ It is mandatory to study one course of II to V Semesters in the minor course.

Compulsory Skill Enhancement Certificate Course (Chose Any One)

Course Code	Curricular Component	Course Title	Course Category	Credit	CIA	Theory	Total
BBSE308CC	Skill Enhancement	Teaching Skill	CC	4	30	70	100
BBSE309CC	Skill Enhancement	Educational Psychology & Cognitive Development	CC	4	30	70	100

INTEGRATED TEACHER EDUCATION PROGRAMME (ITEP)

(B.Sc.-B.Ed) Semester-IV

Distribution of Papers, Marks and Credit

Course Code	Curricular Component	Course Title	Course Category	Credit	C.I.A.	Theory	Total
BBSE401MJ/MN	Disciplinary/Inter disciplinary Courses	Chemistry-I	Select Any Two Major Course CE	4	15	20	100
		Chemistry-II				20	
		Chemistry-III				20	
		Chemistry Practical				25 Practical	
BBSE402MJ/MN	Disciplinary/Inter disciplinary Courses	Physics-I	CE	4	15	20	100
		Physics-II				20	
		Physics-III				20	
		Physics Practical				25 Practical	
BBSE403MJ/MN	Disciplinary/Inter disciplinary Courses	Mathematics-I	Select Any One Minor Course	4	15	20	100
		Mathematics-II				20	
		Mathematics-III				20	
		Mathematics Practical				25 Practical	
BBSE404MJ/MN	Disciplinary/Inter disciplinary Courses	Botany-I	CE	4	15	20	100
		Botany-II				20	
		Botany-III				20	
		Botany Practical				25 Practical	
BBSE405MJ/MN	Disciplinary/Inter disciplinary Courses	Zoology-I	CE	4	15	20	100
		Zoology-II				20	
		Zoology-III				20	
		Zoology Practical				25 Practical	
BBSE406FD	Foundation of Education	Philosophical & Sociological Perspectives of Education-I	CC	4	30	70	100
BBSE407OP	Stage-Specific Content-Cum Pedagogy	Content cum Pedagogy of Mathematics at Secondary Stage - Course (I)	Content cum Pedagogy of at Secondary Stage Course (I)	2	15	35	50
BBSE408OP	Stage-Specific Content-Cum Pedagogy	Content cum Pedagogy of Physical Sciences at Secondary Stage – Course (I)	Any Two CE	2	15	35	50
BBSE409OP	Stage-Specific Content-Cum Pedagogy	Content cum Pedagogy of Biological Sciences at Secondary Stage – Course (I)	CE	2	15	35	50
			Total	20	105	395	500

Note: Choice One Group (A/B /C)

Group 'A' Major Course 1. Physical Science (Physics, Chemistry) & Minor Course (Mathematics)

Group 'B' Major Course 2. Biological Science (Any Two-Zoology, Botany, Chemistry) & Minor Course (Any One-Zoology, Botany, Chemistry)

Group 'C' Major Course 3. Mathematics (Mathematics, Physics) & Minor Course (Chemistry)

- ❖ It is mandatory to study two courses from I to VI Semesters in the major course.
- ❖ It is mandatory to study one course of II to V Semesters in the minor course.

INTEGRATED TEACHER EDUCATION PROGRAMME (ITEP)

(B.Sc.- B. Ed) Semester-V

Distribution of Papers, Marks and Credit

Course Code	Curricular Component	Course Title	Course Category	Credit	C.I.A .	Theory	Total
BBSE501MJ/MN	Disciplinary/Inter disciplinary Courses	Chemistry-I	Select Any Two Major Course CE	4	15	20	100
		Chemistry-II				20	
		Chemistry-III				20	
		Chemistry Practical				25 Practical	
BBSE502MJ/MN	Disciplinary/Inter disciplinary Courses	Physics-I	CE	4	15	20	100
		Physics-II				20	
		Physics-III				20	
		Physics Practical				25 Practical	
BBSE503MJ/MN	Disciplinary/Inter disciplinary Courses	Mathematics-I	Select Any One Minor Course	4	15	20	100
		Mathematics-II				20	
		Mathematics-III				20	
		Mathematics Practical				25 Practical	
BBSE504MJ/MN	Disciplinary/Inter disciplinary Courses	Botany-I	CE	4	15	20	100
		Botany-II				20	
		Botany-III				20	
		Botany Practical				25 Practical	
BBSE505MJ/MN	Disciplinary/Inter disciplinary Courses	Zoology-I		4	15	20	100
		Zoology-II				20	
		Zoology-III				20	
		Zoology Practical				25 Practical	
BBSE506AV	Ability Enhancement & Value-Added Courses	ICT in Education	CC	2	15	35	50
BBSE507SI	School Experience)	Pre. Internship Practice (Demonstration lessons, Peer teaching)	CC	2	Pre. Internship Practice 50		50
BBSE508OP	Stage-Specific Content-Cum Pedagogy	Content cum Pedagogy of Mathematics at Secondary Stage – Course (II)	Content cum Pedagogy of at Secondary Stage – Course (II)	2	15	35	50
BBSE509OP	Stage-Specific Content-Cum Pedagogy	Content cum Pedagogy of Physical Sciences at Secondary	Any Two CE	2	15	35	50

		Stage – Course (II)	CE				
BBSE510OP	Stage-Specific Content-Cum Pedagogy	Content cum Pedagogy of Biological Sciences at Secondary Stage – Course (II)		2	15	35	50
			Total	20	90	410	500

Note: Choice One Group (A/B /C)

Group ‘A’ Major Course 1. Physical Science (Physics, Chemistry) & Minor Course (Mathematics)

Group ‘B’ Major Course 2. Biological Science (Any Two-Zoology, Botany, Chemistry) & Minor Course (Any One-Zoology, Botany, Chemistry)

Group ‘C’ Major Course 3. Mathematics (Mathematics, Physics) & Minor Course (Chemistry)

- ❖ It is mandatory to study two courses from I to VI Semesters in the major course.
- ❖ It is mandatory to study one course of II to V Semesters in the minor course.

INTEGRATED TEACHER EDUCATION PROGRAMME (ITEP)

(B.Sc.-B. Ed) Semester-VI

Distribution of Papers, Marks and Credit

Course Code	Curricular Component	Course Title	Course Category	Credit	C.I.A.	Theory	Total
BBSE601MJ	Disciplinary/Inter disciplinary Courses	Chemistry-I	Select Any Two Major Course CE	4	15	20	100
		Chemistry-II				20	
		Chemistry-III				20	
		Chemistry Practical				25 Practical	
BBSE602MJ	Disciplinary/Inter disciplinary Courses	Physics-I		4	15	20	100
		Physics-II				20	
		Physics-III				20	
		Physics Practical				25 Practical	
BBSE603MJ	Disciplinary/Inter disciplinary Courses	Mathematics-I		4	15	20	100
		Mathematics-II				20	
		Mathematics-III				20	
		Mathematics Practical				25 Practical	
BBSE604MJ	Disciplinary/Inter disciplinary Courses	Botany-I	CE	4	15	20	100
		Botany-II				20	
		Botany-III				20	
		Botany Practical				25 Practical	
BBSE605MJ	Disciplinary/Inter disciplinary Courses	Zoology-I		4	15	20	100
		Zoology-II				20	
		Zoology-III				20	
		Zoology Practical				25 Practical	
BBSE606FD	Foundation of Education	Assessment & Evaluation	CC	2	15	35	50
BBSE607FD	Foundation of Education	Inclusive Education	CC	2	15	35	50
BBSE608AV	Ability Enhancement & Value-Added Courses	Mathematical & Quantitative Reasoning	CC	2	15	35	50
BBSE609SI	School Experience	School Observation (field Practice)	CC	2	School Observation (field Practice) 50		50
BBSE610OP	Stage-Specific Content-Cum Pedagogy	Content cum Pedagogy of Mathematics at Secondary Stage – Course (III)	Content cum Pedagogy of at Secondary Stage – Course (III)	2	15	35	50
BBSE611OP	Stage-Specific Content-Cum Pedagogy	Content cum Pedagogy of Physical Sciences at Secondary Stage – Course (III)	Any Two CE	2	15	35	50

BBSE612OP	Stage-Specific Content-Cum Pedagogy	Content cum Pedagogy of Biological Sciences at Secondary Stage – Course (III)	CE	2	15	35	50
			Total	20	105	395	500

Note: Choice One Group (A/B /C) Major Course

Group ‘A’ Major Course 1. Physical Science (Physics, Chemistry)

Group ‘B’ Major Course 2. Biological Science (Any Two-Zoology, Botany, Chemistry)

Group ‘C’ Major Course 3. Mathematics (Mathematics, Physics)

❖ It is mandatory to study two courses from I to VI Semesters in the major course.

INTEGRATED TEACHER EDUCATION PROGRAMME (ITEP)
(B.Sc.-B.Ed) Semester-VII

Distribution of Papers, Marks and Credit

Course Code	Curricular Component	Course Title	Course Category	Credit	C.I.A.	Theory	Total
BBSE701FD	Foundation of Education	Perspectives on School Leadership and Management	CC	2	15	35	50
BBSE702FD	Foundation of Education	Curriculum Planning & Development	CC	2	15	35	50
BBSE703AV	Ability Enhancement & Value-Added Courses	Arts Education (Performing and Visual)	CC	2	15	35	50
BBSE704AV	Ability Enhancement & Value-Added Courses	Sports, Nutrition and Fitness	CC	2	15	35	50
BBSE705SI	School Experience	School based – Research Project	CC	2	School based – Research Project 50		50
BBSE706SI	School Experience	Internship in Teaching	CC	10	150 Internship+100 Two Subject Final Lesson=250		250
			Total	20	60	440	500

INTEGRATED TEACHER EDUCATION PROGRAMME (ITEP)

(B.Sc.-B. Ed) Semester-VIII

Distribution of Papers, Marks and Credit

Course Code	Curricular Component	Course Title	Course Category	Credit	C.I.A.	Theory	Total
BBSE801FD	Foundation of Education	Philosophical & Sociological Perspectives of Education-II	CC	4	30	70	100
BBSE802FD	Foundation of Education	Education Policy Analysis	CC	2	15	35	50
BBSE803FD	Foundation of Education	Adolescence Education	Any One	4	30	70	100
BBSE804FD	Foundation of Education	Education for Mental Health	CE	4	30	70	100
BBSE805FD	Foundation of Education	Education for Sustainable Development		4	30	70	100
BBSE806FD	Foundation of Education	Emerging Technologies in Education		4	30	70	100
BBSE807FD	Foundation of Education	Gender Education		4	30	70	100
BBSE808FD	Foundation of Education	Guidance and Counselling		4	30	70	100
BBSE809FD	Foundation of Education	Human Right Education		4	30	70	100
BBSE810FD	Foundation of Education	Peace Education		4	30	70	100
BBSE811FD	Foundation of Education	Sport and Fitness Education		4	30	70	100
BBSE812FD	Foundation of Education	Tribal Education		4	30	70	100
BBSE813FD	Foundation of Education	Economics of Education		4	30	70	100
BBSE814FD	Foundation of Education	Jain Culture and Life Values		4	30	70	100
BBSE815AV	Ability Enhancement & Value-Added Courses	Yoga and Understanding Self	CC	2	15	35	50
BBSE816AV	Ability Enhancement & Value-Added Courses	Citizenship Education, Sustainability and Environment	CC	2	15	35	50
BBSE817SI	School Experience	Post Internship (Review and Analysis)	CC	2	Post Internship 50		50
BBSE818SI	School Experience	Creating Teaching Learning Material/ Work Experience	CC	2	Work Experience 50		50

BBSE819CE	Community Engagement and Service	Community Engagement and Service	CC	2	Community Engagement and Service 50		50
			Total	20	105	395	500

Note: 1. ITEP (B.Sc.-B.Ed.) It is mandatory to undergo a skill course

1. Teaching Skill
2. Educational Psychology and Cognitive Development
2. Two related courses of MOOCs are to be done optional as per their time duration