

**Syllabus and Course Scheme**  
**Academic year 2020-21**



# **University of Kota**

## **KOTA**

**FACULTY OF EDUCATION**

### **SYLLABUS**

**Integrated Programme of**

**B.Sc.-B.Ed.**

**Examination Part-I (2021)**

## **NOTICE**

1. Change in syllabus/ordinance/rules/regulations/ syllabi and books may from time to time, be made by amendment or remaking and a candidate shall, accept in so far as the university determines otherwise comply with any change that applies to years he/she has not completed at time of change.
2. All court cases shall be subject to the jurisdiction of University of Kota headquarter Kota only and not any other place.

## **Ordinance and Regulations related to the Integrated B.Sc.-B.Ed. Degree**

**01.** The Objective and the Learning outcomes of the Integrated B.Sc.-B.Ed. Degree are-

### **Objectives:**

- To promote capabilities for inculcating national values and goals as mentioned in the constitution of India.
- To act as agents of modernization and social change.
- To promote social cohesion, international understanding and protection of human rights and right of the child.
- To acquire competencies and skills needed for teacher.
- To use competencies and skills needed for becoming an effective teacher.
- To become competent and committed teacher.
- To be sensitive about emerging issues such as environment, population general equality, legal literacy etc.
- To inculcate logical, rational thinking and scientific temper among the students.
- To develop critical awareness about the social issues & realities among the students.
- To use managerial organizational and information & technological skills.

### **Learning outcomes:**

1. Competence to teach effectively two school subjects at the Elementary & secondary levels.
2. Ability to translate objectives of secondary education in terms of specific Programmes and activities in relation to the curriculum.
3. Ability to understand children's needs, motives, growth pattern and the process of learning to stimulate learning and creative thinking to faster growth and development.
4. Ability to use-
5. Individualized instruction
6. Dynamic methods in large classes.
7. Ability to examine pupil's progress and effectiveness of their own teaching through the use of proper evaluation techniques.
8. Equipment for diagnosing pupil progress and effectiveness of their own teachings through the use of proper evaluation techniques.
9. Readiness to spot talented and gifted children and capacity to meet their needs.
10. Ability to organize various school programmes, activities for pupil.

11. Developing guidance point of view in educational, personal and vocational matters.
12. Ability to access the all round development of pupils and to maintain a cumulative record.
13. Developing certain practical skill such as:
  - a. Black board work
  - b. Preparing improvised apparatus
  - c. Preparing teaching aids and ICT.
14. Interest and competence in the development of the teaching profession and education.  
Readiness to participate in activities of professional organizations.

### **Integrated Programme of B.Sc.-B.Ed. Degree Shall Consist of**

- |      |                         |      |
|------|-------------------------|------|
| i)   | First Year B.Sc.-B.Ed.  | 2017 |
| ii)  | Second Year B.Sc.-B.Ed. | 2018 |
| iii) | Third Year B.Sc.-B.Ed.  | 2019 |
| iv)  | Final Year B.Sc.-B.Ed.  | 2020 |

## **Duration of the Course - Four Years**

### **Examination after each session in theory papers**

**Terminal 80 marks            or            20 marks = Total 100**

Some of the papers are fully Sessional of having according to their practical marks as the case may be Chemistry, Botany, Zoology, Physics & Mathematics.

### **1. Compulsory Papers :**

<b>Year</b>	<b>Paper</b>
Its Year	Gen. English
II Year	Gen. Hindi
III Year	Elementary Computer Application
IV Year	Environmental Studies

\* ELIGIBILITY CRITERIAN ON PASSING MARKS BUT MARKS SHALL NOT BE INCLUDED IN DIVISION

### **Group – A :- Subject Speciliasation :**

<b>Year</b>	<b>Paper</b>
I Year	Instructional System & Educational Evaluation
II Year	. Peace Education
III Year	Guidance and Counseling in School
IV Year	Physical Education & Yoga

## Group-B :

Content of Science Subject:- A Student has to opt any three paper form group B.

Chemistry	I, II & III
Botany	I, II & III
Zoology	I, II & III
Physics	I, II & III
Mathematics	I, II & III

## Group C: Pedagogy of School Subject A/B :

Pedagogy of a School Subject III Year and IV Year(candidate shall be required to offer any two papers from the following, for part-III & part-IV).

Pedagogy of Chemistry
Pedagogy of Botany
Pedagogy of Zoology
Pedagogy of Physics
Pedagogy of Mathematics

- ❖ In all the subjects the student has to study a minimum of 12 papers in I year, 12 Paper in II Year. 12Paper in III Year and 7 Paper in IV Year ( Total 43Papers).
- ❖ Each theory paper will carry 100 marks and content base paper 5(a,b). 6(a,b), 7 (a,b) will carry 150 marks.(with practical part).

## Scheme of Instruction for B.Sc. - B.Ed Courses

Details of courses and scheme of study, titles of the papers, duration etc. for B.Sc.-B.Ed  
Courses are provided in Tables given below :-

## Four Years Integrated Course

### Scheme of B.Sc.-B.Ed. I Year

Theory Paper	Course Code	Title of the Paper	Evaluation			Total
			External	Internal	Practical	
I	B.Sc.- B.Ed. 01	Gen. English(Compulsory)*	100	-	-	100
II	B.Sc.-B.Ed. 02	Childhood and Growing Up	80	20	-	100
III	B.Sc.-B.Ed. 03	Contemporary India and Education	80	20	-	100
VIII	B.Sc.-B.Ed. 04 (G-A)	Instructional System & Educational Evaluation	80	20	-	100
V VI & VII	B.Sc.-B.Ed 05, 06 & 07 (G-B)	<b>Content (PCB &amp; PCM Group) (Select any Three)</b> 1. Chemistry(I,II,III) 2. Botany (I,II,III) 3. Zoology(I,II,III) 4. Physics (I,II,III) 5. Mathematics(I,II,III)	50+50+50 50+50+50 50+50+50 50+50+50 50+75+75	- - - - -	75 75 75 75 25	225 225 225 225 225
						<b>975</b>

**Note\*** - B.Sc.B.Ed. integrated I<sup>st</sup> year syllabus and scheme course code 01, 05, 06 & 07 will be according to B.Sc. I<sup>st</sup> year academic course of University of Kota, Kota.

\* ELIGIBILITY CRITERIAN ON PASSING MARKS BUT MARKS SHALL NOT BE INCLUDED IN DIVISION.

## Four Years Integrated Course

### Scheme of B.Sc.-B.Ed. II Year

Theory Paper	Course Code	Title of the Paper	Evaluation			Total
			External	Internal	Practical	
I	B.Sc.-B.Ed. 08	Gen. Hindi(Compulsory)*	100	-	-	100
II	B.Sc.-B.Ed. 09	Knowledge and curriculum	80	20	-	100
III	B.Sc.-B.Ed. 10	Learning and Teaching	80	20	-	100
IV	B.Sc.-B.Ed 11 (G-A)	Peace Education	80	20	-	100
V VI & VII	B.Sc.-B.Ed 12, 13 & 14 (G-B)	<b>Content (PCB &amp; PCM Group) (Select any Three)</b> <ol style="list-style-type: none"> <li>1. Chemistry(I,II,III)</li> <li>2. Botany (I,II,III)</li> <li>3. Zoology(I,II,III)</li> <li>4. Physics (I,II,III)</li> <li>5. Mathematics(I,II,III)</li> </ol>	50+50+50 50+50+50 50+50+50 50+50+50 75+50+75	- - - - -	75 75 75 75 25	225 225 225 225 225
VIII	B.Sc. - B.Ed 15	<b>OPEN AIR / SUPW CAMP</b> <ol style="list-style-type: none"> <li>1. Community Service</li> <li>2. Survey (Based on social and educational events)</li> <li>3. Co-Curricular Activities</li> <li>4. Health and Social awareness programme (DISASTER MANAGEMENT AND CLEANINESS)</li> </ol>		25 25  25 25		100
						975+100

**Note\*** - B.Sc.B.Ed. integrated II<sup>nd</sup> year syllabus and scheme course code 8 will be according to B.Sc. Ist year & course code 12, 13 & 14 will be according to B.Sc. II<sup>nd</sup> year academic course of University of Kota, Kota.

\* ELIGIBILITY CRITERIAN ON PASSING MARKS BUT MARKS SHALL NOT BE INCLUDED IN DIVISION.



## Four Years Integrated Course

### Scheme of B.Sc.-B.Ed. III Year

Theory Paper	Course Code	Title of the Paper	Evaluation			Total
			External	Internal	Practical	
I	B.Sc.- B.Ed. 16	Elementary Computer Application (Compulsory)*	100	-	-	100
II	B.Sc.-B.Ed. 17	Language Across the Curriculum	80	20	-	100
IV	B.Sc.-B.Ed- 18 (G-A)	Guidance and Counseling in School	80	20	-	100
V VI & VII	B.Sc.-B.Ed 19, 20 & 21 (G-B)	<b>Content (PCB &amp; PCM Group) (Select any Three)</b> 1. Chemistry(I,II,III) 2. Botany (I,II,III) 3. Zoology(I,II,III) 4. Physics (I,II,III) 5. Mathematics(I,II,III)	50+50+50 50+50+50 50+50+50 50+50+50 75+75+50	- - - - -	75 75 75 75 25	225 225 225 225 225
VIII	B.Sc.-B.Ed 22 (a,b)	Pedagogy of a School Subject (part-1) , Ist & IInd Year(candidate shall be required to offer any two papers from the following for part-1 & other for part-2). 1. General Science 2. Biology Physics 3. Chemistry 4. Mathematics 5. Physics	80	20		100
<b>Practicum</b>	B.Sc.-B.Ed 23	<b>Special Training Programme</b> • Micro Teaching • Practice Lesson • Observation Lesson • Technology Based Lesson • Criticism Lesson • Attendance /Seminar/ Workshop			10 50 05 05 20 10	100
		<b>Final Lesson</b>	<b>100</b>			100
						975+100 +100

**Note\*** - B.Sc. B.Ed. integrated III<sup>rd</sup> year syllabus and scheme course code 16 will be according to B.Sc. Ist year & course code 19, 20 & 21 will be according to B.Sc. III<sup>rd</sup> year academic course of University of Kota, Kota.

\* ELIGIBILITY CRITERIAN ON PASSING MARKS BUT MARKS SHALL NOT

BE INCLUDED IN DIVISION.

## Four Years Integrated Course Scheme of B.Sc.-B.Ed. IV Year

Theory Paper	Course Code	Title of the Paper	Evaluation			Total
			External	Internal	Practical	
I	B.Sc.-B.Ed. 24	Environmental Studies (Compulsory)*	100	-	-	100
II	B.Sc - B.Ed. 25	Creating an inclusive school	80	20	-	100
III	B.Sc B.Ed. 26	Understanding Disciplines and Subject	80	20	-	100
IV	B.Sc.-B.Ed. 27(G-A)	Physical Education & Yoga	80	20	-	100
V	B.Sc -B.Ed. 28	Gender, School and Society	80	20	-	100
VI	B.Sc -B.Ed. 29	Assessment for Learning	80	20	-	100
VIII	B.Sc- B.Ed. 30(a,b)	Pedagogy of a School Subject (part-2) , Ist & IInd Year(candidate shall be required to offer any two papers from the following for part-1 & other for part-2). 1.Mathematics 2. Physics 3. Chemistry 4. Biology 5. General Science	80	20	-	100
Practicum	B.Sc- B.Ed 31	1. Practice teaching 2. Block Teaching (Participation in School Activities Social Participation in Group) 3. Report of any feature of school / case study/action research 4. Criticism Lesson		50 20  10 20		100
		<b>Final Lesson</b>	<b>100</b>			<b>100</b>
						600+100 +100

**Note\*** - B.Sc.B.Ed. integrated IV<sup>th</sup> year syllabus and scheme course code 24 will be according to B.Sc. academic course of University of Kota, Kota.

\* ELIGIBILITY CRITERIAN ON PASSING MARKS BUT MARKS SHALL NOT BE INCLUDED IN DIVISION.

# Four Years Integrated Course

## Scheme of B.Sc.-B.Ed.

### Compulsory Papers

Year	Paper
Ist Year	Gen. English
II Year	Gen. Hindi
III Year	Elementary Computer Application
IV Year	Environmental Studies

Group – A	Group – B (PCB & PCM Group) (Select any Three)
1. Instructional System & Educational Evaluation 2. Peace Education 3. Guidance and Counseling in School 4. Physical Education & Yoga	1. Chemistry(I,II,III) 2. Botany (I,II,III) 3. Zoology(I,II,III) 4. Mathematics(I,II,III) 5. Physics(I,II,III)

### Group C: Pedagogy of School Subject A/B :

Pedagogy of a School Subject III Year and IV Year(candidate shall be required to offer any two

papers from the following, for part-III & part-IV).

Chemistry
Botany
Zoology
Physics
Mathematics

- ❖ In all the subjects the student has to study a minimum of 12 papers in I year, 12 Paper in II Year. 12Paper in III Year and 7 Paper in IV Year ( Total 43Papers).
- ❖ Each theory paper will carry 100 marks and content base paper 5(a,b). 6(a,b),

7 (a,b) will carry 150 marks.(with practical part).

### **Scheme of Instruction for B.Sc. - B.Ed Courses**

Details of courses and scheme of study, titles of the papers, duration etc. for B.Sc.-B.Ed Courses are provided in Tables given below :-

<b>Years</b>	<b>Papers</b>	<b>Marks</b>
I Year	12Paper +Practical	975
II Year	12Paper +Practical	975+100
III Year	12Paper +Practical + Practicum +Final Lesson	975+100+100
IV Year	7 Paper +Practical + Practicum +Final Lesson	600+100 + 100
<b>Total</b>	<b>43Papers</b>	<b>2850 +550+200 +200= 3800</b>

**O. 321** The objectives of the practical work prescribed for the Integrated Programme of B.Sc.-B.Ed. Degree (Four Year) are follows: