

**Structure of Four year Integrated Programme B.Sc. B.Ed. Mathematics**

**SEMESTER I**

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
I	General Tamil – I	6	20	120	3	30	70	100
II	General English	6	20	120	3	30	70	100
III	Core Paper – I Calculus	6	20	120	3	30	70	100
III	Core Paper – II Classical Algebra	6	20	120	3	30	70	100
III	Differential Equations with Laplace Transform	6	20	120	2	25	50	75
IV	Childhood & Growing up Part - I	3	20	60	1(1/2)	15	35	50
IV	Language Across the Curriculum	3	20	60	1(1/2)	15	35	50
<b>Total</b>		<b>36</b>		<b>720</b>				<b>575</b>

SEMESTER – I

**Structure of Four year Integrated Programme B.Sc. B.Ed. Physical Science**

**(PHYSICS)**

**SEMESTER I**

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
I	General Tamil – I	6	20	120	3	30	70	100
II	General English	6	20	120	3	30	70	100
III	Core Paper – I Mechanics, Properties of matter and sound	6	20	120	3	30	70	100
III	Extensible Learning Physics -I	3	20	60	2	25	50	75
III	Core Practical -I	3	20	60	--	--	--	--
III	Allied Mathematics - I	6	20	120	3	30	70	100
IV	Childhood & Growing up Part - I	3	20	60	1(1/2)	15	35	50
IV	Language Across the Curriculum	3	20	60	1(1/2)	15	35	50
<b>Total</b>		<b>36</b>		<b>720</b>				<b>575</b>

SEMESTER – I

**Structure of Four year Integrated Programme B.Sc. B.Ed. Physical Science**

**(CHEMISTRY)**

**SEMESTER I**

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
I	General Tamil – I	6	20	120	3	30	70	100
II	General English	6	20	120	3	30	70	100
III	Core Paper – I Inorganic, Organic and Physical Chemistry – I	6	20	120	3	30	70	100
III	Chemistry for School Education paper - I	3	20	60	2	25	50	75
III	Core Practical - I Inorganic Qualitative Analysis	3	20	60	--	--	--	--
III	Allied Mathematics – I (or) Allied Zoology – I	6	20	120	3	30	70	100
		4	20	80	3	15	60	75
III	Allied Zoology Practicals	2	20	40	--	--	--	--
IV	Childhood & Growing up Part - I	3	20	60	1(1/2)	15	35	50
IV	Language Across the Curriculum	3	20	60	1(1/2)	15	35	50
<b>Total (Allied Mathematics)</b>		<b>36</b>		<b>720</b>				<b>575</b>
<b>Total (Allied Zoology)</b>								<b>550</b>

**Structure of Four year Integrated Programme B.Sc. B.Ed. Biological Science**

**(BOTANY)**

**SEMESTER I**

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
<b>I</b>	General Tamil – I	6	20	120	3	30	70	100
<b>II</b>	General English	6	20	120	3	30	70	100
<b>III</b>	Core Paper-I Biodiversity- I : Algae, Fungi, Lichens And Bryophytes	6	20	120	3	30	70	100
<b>III</b>	Bio Basics I - Botany	3	20	60	2	25	50	75
<b>III</b>	Core Practical – I	3	20	60	--	--	--	--
<b>III</b>	Allied Zoology	4	20	80	3	15	60	75
<b>III</b>	Allied Zoology Practicals	2	20	40	--	--	--	--
<b>IV</b>	Childhood & Growing up Part - I	3	20	60	1(1/2)	15	35	50
<b>IV</b>	Language Across the Curriculum	3	20	60	1(1/2)	15	35	50
<b>Total</b>		<b>36</b>		<b>720</b>				<b>550</b>

**Structure of Four year Integrated Programme B.Sc. B.Ed. Biological Science**

**(ZOOLOGY)**

**SEMESTER I**

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
<b>I</b>	General Tamil – I	6	20	120	3	30	70	100
<b>II</b>	General English	6	20	120	3	30	70	100
<b>III</b>	Core Paper – I Invertebrata	6	20	120	3	30	70	100
<b>III</b>	Basic Zoology -I	3	20	60	2	25	50	75
<b>III</b>	Core Practical –I Invertebrata & Chordata	3	20	60	--	--	--	--
<b>III</b>	Allied Botany - I	4	20	80	3	15	60	75
<b>III</b>	Allied Botany Practical I	2	20	40	--	--	--	--
<b>IV</b>	Childhood & Growing up Part - I	3	20	60	1(1/2)	15	35	50
<b>IV</b>	Language Across the Curriculum	3	20	60	1(1/2)	15	35	50
<b>Total</b>		<b>36</b>		<b>720</b>				<b>550</b>

SEMESTER – I