

**Humanities & Social science courses**

Program Name: B.Sc.B.Ed.

BoS Approval date: 2019

| S.No.         | Couse Name  | L        | T        | P         | C        |
|---------------|---|----------|----------|-----------|----------|
| 1             | Scout And Guide Camp(BED251)  | 0        | 0        | 2         | 1        |
| 2             | Cultural Activities, Sports and Yoga (BED351)                         | 0        | 0        | 2         | 1        |
| 3             | Educational Excursion/Art And Craft Workshop(BED461)                  | 0        | 0        | 2         | 1        |
| 4             | Drama and Art In Education(BED561)                                    | 0        | 0        | 2         | 1        |
| 5             | Environment Education (BED802)  | 2        | 0        | 0         | 2        |
| 6             | Understanding The Self Including Workshop On Self Development(BED861) | 0        | 0        | 2         | 2        |
| <b>Total:</b> |   | <b>2</b> | <b>0</b> | <b>10</b> | <b>8</b> |



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**Curriculum Analysis of B.Sc.B.Ed. (Course Category)**

**Regulation: 2019**

| <b>Category</b>                              | <b>L</b>   | <b>T</b>  | <b>P</b>  | <b>C</b>   |
|--|------------|-----------|-----------|------------|
| AECC (Ability Enhancement Compulsory Course) | 06         | 00        | 01        | 07         |
| Skill Enhancement Elective (SEE)             | 0          | 0         | 8         | 22         |
| Discipline Specific Course (DSC)             | 83         | 23        | 24        | 118        |
| General Elective Course (GSC)                | 8          | 0         | 2         | 9          |
| Discipline Specific Electives (DSE)          | 14         | 02        | 00        | 16         |
| <b>Total</b>                                 | <b>115</b> | <b>27</b> | <b>13</b> | <b>169</b> |



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**AECC COURSES LIST**

Regulation: 2019

| <b>Course Name</b>                         | <b>L</b>  | <b>T</b> | <b>P</b>  | <b>C</b> |
|--|-----------|----------|-----------|----------|
| English language and Communication(BED201) | 2         | 0        | 0         | 2        |
| Reading and Reflecting on Texts (BED261)   | 2         | 0        | 0         | 2        |
| Drama & Art in Education (BED561)          | 0         | 0        | 1         | 1        |
| Environmental Education(BED802)            | 2         | 0        | 0         | 2        |
| <b>TOTAL</b>                               | <b>06</b> | <b>0</b> | <b>01</b> | <b>7</b> |

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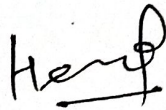
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**Skill Specific Elective Courses List**

Regulation: 2019

| <b>Course Name</b>  | <b>L</b>  | <b>T</b>  | <b>P</b> | <b>C</b>  |
|---|-----------|-----------|----------|-----------|
| Psychology Practical(BED151)  | 0         | 0         | 1        | 1         |
| Cultural Activities, Sports and Yoga(BED351)  | 0         | 0         | 1        | 1         |
| School Internship – I(BED471)   | 0         | 0         | 0        | 2         |
| Preparation of Teaching Aid, Micro Teaching & Construction of Achievement / Diagnostic Test) (BED551) | 0         | 0         | 2        | 2         |
| Workshop on Preparation for Teaching, Simulation and Practice Teaching(BED651)                        | 0         | 0         | 2        | 2         |
| 16 Weeks Including Two Week School and Community Awareness Programme(BED771)                          | 0         | 0         | 0        | 12        |
| Understanding the Self Including Workshop on Self Development(BED861)                                 | 0         | 0         | 2        | 2         |
| <b>TOTAL</b>  | <b>00</b> | <b>00</b> | <b>8</b> | <b>22</b> |



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**Discipline Specific Course List**

Regulation: 2019

| Course Name  | L | T | P | C |
|--|---|---|---|---|
| Non-Chordata and Cell Biology /<br>Mechanics & Thermodynamics<br>BEB109/BEB108                                       | 3 | 1 | 0 | 4 |
| Diversity of Viruses, Bacteria,<br>Algae, Lichens, & Fungi /<br>Matrix Theory & Geometry<br>BEB110/BEB107            | 3 | 1 | 0 | 4 |
| Basics of Inorganic Chemistry -1<br>(BEB106)   | 3 | 1 | 0 | 4 |
| Life Science Lab - I /<br>Physics Lab-I (BEB152/BEB153)  | 0 | 0 | 2 | 1 |
| Chemistry Lab-I (BEB151)   | 0 | 0 | 2 | 1 |
| Childhood And Growing Up<br>(BED101)   | 3 | 1 | 0 | 4 |
| Evolution, Developmental Biology<br>and Environmental Biology /<br>Wave optics & Electromagnetism<br>(BEB209/BEB208) | 3 | 1 | 0 | 4 |
| Diversity of Bryophytes,<br>Pteridophytes, Gymnosperms<br>& Angiosperm / Calculus<br>(BEB210/BEB207)                 | 3 | 1 | 0 | 4 |

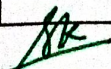
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|  |   |   |   |   |
|--|---|---|---|---|
| Basics of Organic Chemistry I (BEB206)   | 3 | 1 | 0 | 4 |
| Chemistry Lab – II/ (BEB251)   | 0 | 0 | 2 | 1 |
| Life Science Lab – II / Physics Lab–II (BEB253/BEB252)   | 0 | 0 | 2 | 1 |
| Contemporary India And Education (BED201)  | 3 | 1 | 0 | 4 |
| Basic Electronics & Circuit Fundamentals / Chordates and Comparative Anatomy & Histology (BEB308/BEB309) | 3 | 1 | 0 | 4 |
| Basics of Inorganic Chemistry-II (BEB306)  | 3 | 1 | 0 | 4 |
| Statics & Dynamics/ Physiology, Molecular Biology, Plant Biotechnology of Plants (BEB307/BEB310)         | 3 | 1 | 0 | 4 |
| Physics Lab–III/ Physiology, Molecular Biology, Plant Biotechnology of Plants (BEB352/BEB353)            | 0 | 0 | 2 | 1 |
| Chemistry Lab –III (BEB351)  | 0 | 0 | 2 | 1 |
| Development of Education System in India (BED301)  | 3 | 1 | 0 | 4 |
| Economic Botany and Plant Anatomy/Algebra & Trigonometry (BEB410/BEB407)                                 | 3 | 1 | 0 | 4 |
| Basics of Organic Chemistry II (BEB406)  | 3 | 1 | 0 | 4 |

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|---|---|---|---|---|
| Life Science Lab – IV/ Physics Lab-IV<br>(BEB453/BEB452)  | 0 | 0 | 2 | 1 |
| Chemistry Lab-IV (BEB451)   | 0 | 0 | 2 | 1 |
| Biochemistry, Endocrinology and Animal Behaviour/<br>Solid State & Modern Physic<br>(BEB409/BEB408)       | 3 | 1 | 0 | 4 |
| Teaching, Learning and Assessment (BED401)  | 3 | 1 | 0 | 4 |
| Atomic & Nuclear Physics/<br>Economic Zoology, ~1<br>microbiology and Immunology<br>(BEB508/BEB509)       | 2 | 0 | 0 | 2 |
| Basics of Physical Chemistry-I<br>(BEB506)  | 2 | 0 | 0 | 2 |
| Differential Equations/<br>Cytogenetic, Plant Pathology and Environmental Botany<br>(BEB507/BEB510)       | 3 | 1 | 0 | 4 |
| Physics Lab-V / Life science Lab V<br>(BEB552/BEB553)   | 0 | 0 | 2 | 1 |
| Chemistry Lab-V (BEB551)  | 0 | 0 | 2 | 1 |
| Pedagogy of Physical Science –I<br>(BED503)   | 2 | 0 | 0 | 2 |
| Pedagogy of mathematical Science-I/ Pedagogy of Biological Science (BED504)/(BED505)                      | 2 | 0 | 0 | 2 |
| Physiology & Toxicology, Genetics and Biotechnology/<br>Mathematical & Quantum Physics<br>(BEB609/BEB608) | 3 | 1 | 0 | 4 |

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|   |           |           |           |            |
|---|-----------|-----------|-----------|------------|
| Plant Resource Utilization, Palynology and Biostatistics/ Statistics & Numerical Analysis (BEB610/BEB607) | 3         | 1         | 0         | 4          |
| Basics of Physical Chemistry – II(BEB606)   | 3         | 1         | 0         | 4          |
| Life Science Lab VI/ Physics Lab-VI (BEB653)  | 0         | 0         | 2         | 1          |
| Chemistry lab VI (BEB651)   | 0         | 0         | 2         | 1          |
| Pedagogy of Physical Science – II(BED603)   | 2         | 0         | 0         | 2          |
| Pedagogy of biological Science-II/ Pedagogy of mathematical Science-II (BED605)/BED604)                   | 2         | 0         | 0         | 2          |
| Inclusive Education (BED801)  | 3         | 1         | 0         | 4          |
| Gender, School & Society(BED803)  | 3         | 1         | 0         | 4          |
| Educational Measurement & Evaluation(BED804)  | 3         | 1         | 0         | 4          |
| Curriculum Development (BED805)   | 2         | 0         | 0         | 2          |
| <b>TOTAL</b>  | <b>83</b> | <b>23</b> | <b>24</b> | <b>118</b> |

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**Generic Elective Courses List**

Regulation: 2019

| <b>Course Name</b>                          | <b>L</b>  | <b>T</b>  | <b>P</b>  | <b>C</b> |
|---|-----------|-----------|-----------|----------|
| Scout and Guide Camp<br>(BED251)            | 0         | 0         | 2         | 1        |
| General Hindi (BED507)                      | 2         | 0         | 0         | 2        |
| Open Educational<br>Resources(BED606)       | 2         | 0         | 0         | 2        |
| Educational<br>Entrepreneurship<br>(BED806) | 2         | 0         | 0         | 2        |
| <b>TOTAL</b>                                | <b>06</b> | <b>00</b> | <b>02</b> | <b>7</b> |

  
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**Discipline Specific Elective Course**

Regulation: 2019

| <b>COURSE NAME</b>   | <b>L</b>  | <b>T</b>  | <b>P</b>  | <b>C</b>  |
|--|-----------|-----------|-----------|-----------|
| Educational Technology   | 2         | 0         | 0         | 2         |
| ICT in Education – I(BED203)   | 2         | 0         | 0         | 2         |
| Sociological Aspects of Education(BED302)  | 2         | 0         | 0         | 2         |
| Classroom Management(BED402)   | 3         | 1         | 0         | 4         |
| ICT in Education – II(BED506)  | 2         | 0         | 0         | 2         |
| Special Education / Guidance and Counseling / Human Values and Ethics Special Education (BOD081/BOD082/BOD083) | 3         | 1         | 0         | 4         |
| <b>TOTAL</b>   | <b>14</b> | <b>02</b> | <b>00</b> | <b>16</b> |

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