



**Syllabus of Bachelor of Education
Programme (B.Ed.)**

(Two Years)

and

Scheme of Examination

(Session 2017-18 onwards)

**DIRECTOR
LINGAYA'S LALITA INSTITUTE
OF MANAGEMENT & SCIENCES
MANDI ROAD, MANDI
NEW DELHI-110047**

Semester-I

| S.No. | Course Title | Course Code | Credits | Max Marks |
|------------------|--|-------------|-----------|-----------|
| THEORY | | | | |
| 1. | Childhood and Growing up | BED 101 | 4 Credits | 100 |
| 2. | Philosophical Foundations of Education | BED 103 | 4 Credits | 100 |
| 3. | Language Across the Curriculum | BED 105 | 2 Credits | 100 |
| 4. | Understanding Discipline and Subjects | BED 107 | 2 Credits | 100 |
| 5. | Critical Understanding of ICT | BED109 | 4 Credits | 100 |
| 6. | School Organisation and Management | BED 111 | 2 Credits | 100 |
| PRACTICAL | | | | |
| 7 | Understanding the Self | BED 155 | 2 Credits | 100 |
| 8 | Drama and Art in Education | BED157 | 2 Credits | 100 |
| 9 | PSE (Preliminary School Engagement) | BED 159 | 2 Credits | 100 |

Semester-I

Preliminary School Engagement (PSE-1) (2Weeks)

1. Writing a reflective journal on observation of regular class room teaching with respect to pedagogical practices and class room management techniques used by the teachers
2. Reflection on roles and responsibilities of different school staff and Critical study of the infrastructural facilities, namely Library , Laboratories, Playground, Canteen, Sports facilities, Seminar Halls, Auditorium etc which are available in the school.
3. The Student- teacher shall also undertake the field activities pertaining to the practicals during this period.

Semester-II

| S.No. | Course Title | Course Code | Credits | Max Marks |
|------------------|--|-------------|-----------|-----------|
| THEORY | | | | |
| 1. | Learning and Teaching | BED 102 | 4 Credits | 100 |
| 2. | Historical and Sociological Foundations of Education | BED 104 | 4 Credits | 100 |
| 3. | Assessment of Learning | BED 106 | 4 Credits | 100 |
| 4. | Pedagogy of School Subject-(I) | BED116-150 | 4 Credits | 100 |
| 5. | Pedagogy of School Subject-(II) | BED116-150 | 4 Credits | 100 |
| PRACTICAL | | | | |
| 6. | Reading and Reflecting on Texts | BED 152 | 2 Credits | 100 |
| 7. | PSE- II | BED 154 | 2 Credits | 100 |

*In a practical one credit is equivalent to two hours of teaching.

Preliminary School Engagement PSE-2 (2weeks)

1. Organisation of Co-curricular activities by pupil teachers by assisting and participating in the organisation of the same and recording experiences of the same in a reflective journal.
2. Writing a reflective journal on the problems faced by teachers in assessment through the scheme of Continuous and Comprehensive Evaluation by observing the teachers evaluating students and engaging with them to know their problems with respect to implementation of the scheme in their school.
3. The student teacher shall also undertake the field activities pertaining to the practicals during this period.

SEMESTER-III

| Sr. No | Course Code | Course Title | Credits | Max Marks |
|------------------|-----------------------|--------------------|------------------|-----------|
| PRACTICAL | | | | |
| 1 | BED251 & BED253 | Internship Part-I | 5x2 = 10 credits | 100 |
| | | | | 100 |
| 2 | BED255 & BED257 | Internship Part-II | 5x2 = 10 credits | 100 |
| | | | | 100 |
| | | Total | 20 credits | 400 |

This semester shall entail a field engagement of 16 weeks wherein the first week will be exclusively dedicated to observing a regular classroom with a regular teacher and would include peer observations, teacher observations and observations of interns' lessons by faculty.

In the next 15 weeks of internship the student teacher shall be engaged in teaching experience wherein the aim shall be meaningful and holistic engagement including the writing of reflective journals. This shall be enriched through extended discussions with peers and faculty on different aspects of the teaching experience accompanied by presentations post the internship in schools.

School Internship Part I

School Internship Part I shall include the undertaking of the following tasks and the assessment shall be based on a Viva Voce External Examination which shall be held in the college premises.

School Internship Part I (BED251 & BED253)

MM: (200Marks)

10 Credits

| S.No. | Components | Marks | |
|--------------|---|------------|------------|
| 1 | Simulated Teaching (2 in each) | 10 | 10 |
| 2 | Discussion Lessons (2 Lessons in each pedagogy course) Total 4 Discussion Lessons (10x4) | 20 | 20 |
| 3 | 50 Lesson Plans (in each pedagogy course) (25x2) | 25 | 25 |
| 4 | Achievement Test Report (ATR) (In one subject) | 10 | 10 |
| 5 | Two Lessons Delivered in each pedagogy course through the use of Multimedia (5x4=20) | 10 | 10 |
| 6 | Text Book Review | 10 | 10 |
| 6 | Use of Teaching Learning Material in Classroom Discourse (including teaching aids and reference material) | 10 | 10 |
| 7 | Peer Group observation | 5 | 5 |
| Total | | 100 | 100 |

School Internship Part II (BED255 & BED257)

10 Credits

M.M. 200

The School Internship Part-II shall entail the assessment of the final lesson plan at the culmination of the internship wherein the student teacher will be observed by external and internal examiners while they teach in the schools. This assessment shall be done for both the pedagogies of teaching subjects opted by the students-teacher and each shall carry 100 marks.

Bachelor of Education

SEMESTER-IV

| Sr. No | Course Title | Course Code | Credits | Max Marks |
|------------------|---|-------------|-----------|-----------|
| THEORY | | | | |
| 1 | Gender, School and Society | BED210 | 4 Credits | 100 |
| 2 | Knowledge and Curriculum: Perspectives in Education | BED212 | 4 Credits | 100 |
| 3 | Guidance & Counselling | BED214 | 4 Credits | 100 |
| 4 | Environmental Education | BED216 | 4 Credits | 100 |
| 5 | Creating an Inclusive School | BED218 | 2 Credits | 100 |
| 6 | Optional course(any one) | | 4 Credits | 100 |
| | 1. Value Education | BED220 | | |
| | 2. Health & Physical Education | BED222 | | |
| | 3. Adult & Population Education | BED224 | | |
| | 4. Peace Education | BED226 | | |
| | 5. Work Education | BED228 | | |
| | 6. Education of the Marginalised Groups | BED230 | | |
| | 7. Life Skills Education | BED232 | | |
| | 8. School Leadership | BED234 | | |
| PRACTICAL | | | | |
| 7 | Reflection on School Experience | BED252 | 2 Credits | 100 |

Bachelor of Education

*In a practical one credit is equivalent to two hours of teaching.

| *PEDAGOGY OF SCHOOL SUBJECT | COURSE CODE |
|--------------------------------|-------------|
| Teaching of Hindi | BED116 |
| Teaching of Sanskrit | BED118 |
| Teaching of English | BED120 |
| Teaching of Punjabi | BED122 |
| Teaching of Urdu | BED124 |
| Teaching of Mathematics | BED126 |
| Teaching of Social Sciences | BED128 |
| Teaching of Home Science | BED130 |
| Teaching of Accountancy | BED132 |
| Teaching of Business Studies | BED134 |
| Teaching of Political Science | BED136 |
| Teaching of Economics | BED138 |
| Teaching of Geography | BED140 |
| Teaching of History | BED142 |
| Teaching of Integrated Science | BED144 |
| Teaching of Physics | BED146 |
| Teaching of Chemistry | BED148 |
| Teaching of Biology | BED150 |

TWO YEAR B.Ed COURSE AT A GLANCE

| | Semester 1 | Semester 2 | Semester 3 | Semester 4 | Total |
|----------------|------------|------------|------------|------------|------------|
| Courses | 9 | 7 | 2 | 7 | 25 |
| Credits | 24 credits | 24 credits | 20 credits | 24 credits | 92 Credits |
| Marks | 900 | 700 | 400 | 700 | 2700 |

Scheme of Examination

- a) The Two year B.Ed. Programme is of 92 credits and the student will have to earn 88 credits.
- b) In a Four credit course, Three credits are assigned for theory and one credit for practical assignments or field work
- c) In a two Credit course , one credit is assigned for theory and one credit for practical assignments or field work.
- d) In a theory course , one credit is equivalent to one hour of teaching
- e) In the practical course, one credit is equivalent to two hours of engagement in teaching and learning.
- f) For theory courses, breakup of marks is given under;
 - (i) 100 marks- 75 Theory Exam
15 Practical Assignments / Field Engagement
10 Minor.
- g) For a Practical course, the ratio of External and Internal marks is 60:40.
- h) For passing in any course, minimum 50% marks are required to be secured.
- i) The timetable for the B.Ed. Programme should be prepared in a manner to ensure that it contains at least Thirty Six working hours per week.

Total No. of Credits offered in all four semesters - 92

The student will require to earn 88 credits for the award of the degree. The student will not have the option to drop any course covered in the scheme of the examination he/she will be required to register all the courses listed in the scheme of the examination of the programme.

Scheme of Examination

- a) The Two year B.Ed. Programme is of 92 credits and the student will have to earn 88 credits.
- b) In a Four credit course, Three credits are assigned for theory and one credit for practical assignments or field work
- c) In a two Credit course , one credit is assigned for theory and one credit for practical assignments or field work.
- d) In a theory course , one credit is equivalent to one hour of teaching
- e) In the practical course, one credit is equivalent to two hours of engagement in teaching and learning.
- f) For theory courses, breakup of marks is given under:
 - (i) 100 marks- 75 Theory Exam
15 Practical Assignments / Field Engagement
10 Minor.
- g) For a Practical course, the ratio of External and Internal marks is 60:40.
- h) For passing in any course, minimum 50% marks are required to be secured.
- i) The timetable for the B.Ed. Programme should be prepared in a manner to ensure that it contains at least Thirty Six working hours per week.

Total No. of Credits offered in all four semesters - 92

The student will require to earn 88 credits for the award of the degree. The student will not have the option to drop any course covered in the scheme of the examination he/she will be required to register all the courses listed in the scheme of the examination of the programme.




Guru Gobind Singh Indraprastha University

B.Ed. Course Curriculum

(Two Years)

(Session 2021-22 onwards)


DIRECTOR
LINGAYA'S LALITA DEVI INSTITUTE
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MANDI ROAD, MANDI
NEW DELHI-110047

Semester-I

| S.No. | Course Title | Course Code | Credits | Max Marks |
|----------------------|--|-------------|------------|-----------|
| THEORY | | | | |
| 1. | Childhood and Growing up | BED 101 | 4 Credits | 100 |
| 2. | Philosophical Foundations of Education | BED 103 | 4 Credits | 100 |
| 3. | Language Across the Curriculum | BED 105 | 2 Credits | 100 |
| 4. | Understanding Disciplines and Subjects | BED 107 | 4 Credits | 100 |
| 5. | Critical Understanding of ICT | BED109 | 4 Credits | 100 |
| 6. | School Organisation and Management | BED 111 | 4 Credits | 100 |
| PRACTICAL | | | | |
| 7. | Understanding the Self | BED 151 | 2 Credits | 100 |
| 8. | PSE-1 (Preliminary School Engagement) | BED 153 | 2 Credits | 100 |
| ELECTIVE | | | | |
| 9. | MOOC* | | 4 Credits | 100 |
| Total Credits& Marks | | | 30 Credits | 900 |

MOOC-A list of MOOCs will be provided by the University School of Education, GGSIPU. Students are required to successfully complete one of such prescribed MOOCs in order to get requisite number of credits and marks.*

***NCC/NSS can be completed in any semester from Semester 1 – Semester 4. It will be evaluated internally by respective institute. The credit for this will be given after fourth Semester for the students enrolled from the session 2021-22 onwards. # NUES (Non University Examination System).*

Semester-II

| S.No. | Course Title | Course Code | Credits | Max Marks |
|-----------------------|--|-------------|------------|-----------|
| THEORY | | | | |
| 1. | Learning and Teaching | BED 102 | 4 Credits | 100 |
| 2. | Contemporary perspectives in Education | BED 104 | 4 Credits | 100 |
| 3. | Assessment of Learning | BED 106 | 4 Credits | 100 |
| 4. | Experiential Learning | BED 108 | 2 Credits | 100 |
| 5. | Entrepreneurial Mindset | BED 110 | 2 Credits | 100 |
| 6. | Pedagogy of School Subject-(I) | BED116- 150 | 4 Credits | 100 |
| 7. | Pedagogy of School Subject-(II) | BED116- 150 | 4 Credits | 100 |
| PRACTICAL | | | | |
| 8. | Reading and Reflecting on Texts | BED 152 | 2 Credits | 100 |
| 9. | PSE- II | BED 154 | 2 Credits | 100 |
| ELECTIVE | | | | |
| 10. | MOOC* | | 4 Credits | 100 |
| Total Credits & Marks | | | 32 Credits | 1000 |

MOOC-A list of MOOCs will be provided by the University School of Education, GGSIPU. Students are required to successfully complete one of such prescribed MOOCs in order to get requisite number of credits and marks.*

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Semester-III
INTERNSHIP

| Sr. No | Course Code | Course Title | Credits | Max Marks |
|------------------|-----------------|----------------------|------------------|------------|
| PRACTICAL | | | | |
| 1 | BED251 & BED253 | Internship Part-I | 5x2 = 10 credits | 100 100 |
| 2 | BED255 & BED257 | Internship Part-II | 5x2 = 10 credits | 100 100 |
| ELECTIVE | | | | |
| 3. | MOOC* | | 4 Credits | 100 |
| 4. | MOOC* | | 4 Credits | 100 |
| | | Total Credits& Marks | 28 credits | 600 |

MOOC-A list of MOOCs will be provided by the University School of Education, GGSIPU. Students are required to successfully complete one of such prescribed MOOCs in order to get requisite number of credits and marks.*

***NCC/NSS can be completed in any semester from Semester 1 – Semester 4. It will be evaluated internally by the respective institute. The credit for this will be given after fourth Semester for the students enrolled from the session 2021-22 onwards. # NUES (Non University Examination System).*

Semester-IV

| Sr. No | Course Title | Course Code | Credits | Max Marks |
|----------------------------------|---|-------------|-------------------|-------------|
| THEORY | | | | |
| 1 | Gender, School and Society | BED210 | 4 Credits | 100 |
| 2 | Knowledge and Curriculum: Perspectives in Education | BED212 | 4 Credits | 100 |
| 3 | Guidance & Counselling | BED214 | 4 Credits | 100 |
| 4 | Environmental Education | BED216 | 4 Credits | 100 |
| 5 | Creating an Inclusive School | BED218 | 2 Credits | 100 |
| 6 | Elective 1 (any one) | | 4 Credits | 100 |
| | 1. Human Rights and Value Education | BED220 | | |
| | 2. Health & Physical Education | BED222 | | |
| | 3. Adult & Population Education | BED224 | | |
| | 4. Peace Education | BED226 | | |
| | 5. Work Education | BED228 | | |
| | 6. Education of the Marginalized Groups | BED230 | | |
| | 7. Life Skills Education | BED232 | | |
| | 8. School Leadership | BED234 | | |
| PRACTICAL | | | | |
| 7 | Reflection on School Experience | BED252 | 2 Credits | 100 |
| 8 | Drama and Art in Education | BED254 | 2 Credits | 100 |
| ELECTIVE- 2 | | | | |
| 9. | MOOC* | | 4 Credits | 100 |
| | NCC/ NSS | | 2 Credits | 100 |
| Total Credits & Marks | | | 32 Credits | 1000 |

MOOC*-A list of MOOCs will be provided by the University School of Education, GGSIPU. Students are required to successfully complete one of such prescribed MOOCs in order to get requisite number of credits and marks.

****NCC/NSS** can be completed in any semester from Semester 1 – Semester 4. It will be evaluated internally by the respective institute. The credit for this will be given after fourth Semester for the students enrolled from the session 2021-22 onwards. # NUES (Non University Examination System).

| *PEDAGOGY OF SCHOOL SUBJECT | COURSE CODE |
|--------------------------------|-------------|
| Teaching of Hindi | BED116 |
| Teaching of Sanskrit | BED118 |
| Teaching of English | BED120 |
| Teaching of Punjabi | BED122 |
| Teaching of Urdu | BED124 |
| Teaching of Mathematics | BED126 |
| Teaching of Social Sciences | BED128 |
| Teaching of Home Science | BED130 |
| Teaching of Accountancy | BED132 |
| Teaching of Business Studies | BED134 |
| Teaching of Political Science | BED136 |
| Teaching of Economics | BED138 |
| Teaching of Geography | BED140 |
| Teaching of History | BED142 |
| Teaching of Integrated Science | BED144 |
| Teaching of Physics | BED146 |
| Teaching of Chemistry | BED148 |
| Teaching of Biology | BED150 |

Two Year B.Ed. Course at a Glance

| | Semester 1 | Semester 2 | Semester 3 | Semester 4 | Total |
|----------------|------------|------------|------------|------------|-------------|
| Courses | 9 | 10 | 6 | 10 | 35 |
| Credits | 30 credits | 32 credits | 28 credits | 32 credits | 122 Credits |
| Marks | 900 | 1000 | 600 | 1000 | 3500 |

Scheme of Examination

- a) The Two-year B.Ed. Programme is of 122 credits and the student will have to earn 120credits.
- b) The medium of instruction shall be English.
- c) In a Four credit course, three credits are assigned for theory and one credit for practical assignments or field work.
- d) In a Two credit course, one credit is assigned for theory and one credit for practical assignments or field work.
- e) In a theory course, one credit is equivalent to one hour of teaching.
- f) In the practical course, one credit is equivalent to two hours of engagement in teaching and learning.
- g) For theory courses, weightage is of 100 marks, breakup of marks of assessment, is given under;
- 100 marks-
- 75 marks -Theory Exam
- 15marks- Practical Assignments / Field Engagement
- 10 marks- Minors
- g) For a Practical course, weightage is of 100 marks and the ratio of External and Internal assessment of marks is 60:40.
- h) For passing in any course, minimum 50% marks are required to be secured.

The student will be required to earn 120 credits for the award of the degree. The student will not have the option to drop any course covered in the scheme of the examination. The student will be required to register all the courses listed in the scheme of the examination of the programme.

Scheme of Examination

- a) The Two-year B.Ed. Programme is of 122 credits and the student will have to earn 120credits.
- b) The medium of instruction shall be English.
- c) In a Four credit course, three credits are assigned for theory and one credit for practical assignments or field work.
- d) In a Two credit course, one credit is assigned for theory and one credit for practical assignments or field work.
- e) In a theory course, one credit is equivalent to one hour of teaching.
- f) In the practical course, one credit is equivalent to two hours of engagement in teaching and learning.
- g) For theory courses, weightage is of 100 marks, breakup of marks of assessment, is given under;
 - 100 marks-
 - 75 marks -Theory Exam
 - 15marks- Practical Assignments / Field Engagement
 - 10 marks- Minors
- g) For a Practical course, weightage is of 100 marks and the ratio of External and Internal assessment of marks is 60:40.
- h) For passing in any course, minimum 50% marks are required to be secured.

The student will be required to earn 120 credits for the award of the degree. The student will not have the option to drop any course covered in the scheme of the examination. The student will be required to register all the courses listed in the scheme of the examination of the programme.



Guru Gobind Singh Indraprastha University

B.Ed. Course Curriculum

(Two Years)

(Session 2023-24 onwards)


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MANDI ROAD, MANDI
NEW DELHI-110047

Semester-I

| S.No. | Course Title | Course Code | Credits | Max Marks |
|-----------------------|--|-------------|-------------------|-------------|
| THEORY | | | | |
| 1. | Childhood and Growing up | BED 101 | 4 Credits | 100 |
| 2. | Philosophical Foundations of Education | BED 103 | 4 Credits | 100 |
| 3. | Language Across the Curriculum | BED 105 | 4 Credits | 100 |
| 4. | Understanding Disciplines and Subjects | BED 107 | 4 Credits | 100 |
| 5. | Critical Understanding of ICT | BED109 | 4 Credits | 100 |
| 6. | School Organisation and Management | BED 111 | 4 Credits | 100 |
| PRACTICAL | | | | |
| 7. | Understanding the Self | BED 151 | 2 Credits | 100 |
| 8. | PSE-1 (Preliminary School Engagement) | BED 153 | 2 Credits | 100 |
| ELECTIVE | | | | |
| 9. | MOOCs | | 4 Credits | 100 |
| 10. | MOOCs | | 4 Credits | 100 |
| Total Credits & Marks | | | 36 Credits | 1000 |

***NCC/NSS can be completed in any semester from Semester 1 – Semester 4. It will be evaluated internally by respective institute. The credit for this will be given after fourth Semester for the students enrolled from the session 2023-24 onwards. # NUES (Non University Examination System).*

Semester-II

| S.No. | Course Title | Course Code | Credits | Max Marks |
|-----------------------|--|-------------|-------------------|-------------|
| THEORY | | | | |
| 1. | Learning and Teaching | BED 102 | 4 Credits | 100 |
| 2. | Contemporary perspectives in Education | BED 104 | 4 Credits | 100 |
| 3. | Assessment of Learning | BED 106 | 4 Credits | 100 |
| 4. | Experiential Learning | BED 108 | 2 Credits | 100 |
| 5. | Entrepreneurship in Education | BED 110 | 2 Credits | 100 |
| 6. | Pedagogy of School Subject-(I) | BED116- 150 | 4 Credits | 100 |
| 7. | Pedagogy of School Subject-(II) | BED116- 150 | 4 Credits | 100 |
| PRACTICAL | | | | |
| 8. | Reading and Reflecting on Texts | BED 152 | 2 Credits | 100 |
| 9. | PSE- II | BED 154 | 2 Credits | 100 |
| ELECTIVE | | | | |
| 10. | MOOCs | | 4 Credits | 100 |
| 11. | MOOCs | | 4 Credits | 100 |
| Total Credits & Marks | | | 36 Credits | 1100 |

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Semester-III
INTERNSHIP

| Sr. No | Course Code | Course Title | Credits | Max Marks |
|----------------------------------|----------------|--------------------|---------------------|----------------|
| PRACTICAL | | | | |
| 1 | BED251& BED253 | Internship Part-I | 5x2 = 10 Credits | 100 100 |
| 2 | BED255& BED257 | Internship Part-II | 5x2 = 10 Credits | 100 100 |
| ELECTIVE | | | | |
| Total Credits & Marks | | | 20 Credits | 400 |

***NCC/NSS can be completed in any semester from Semester 1 – Semester 4. It will be evaluated internally by respective institute. The credit for this will be given after fourth Semester for the students enrolled from the session 2023-24 onwards. # NUES (Non University Examination System).*


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Bachelor of Education
Guru Gobind Singh Indraprastha University

Semester-IV

| Sr. No | Course Title | Course Code | Credits | Max Marks |
|----------------------------------|---|-------------|-------------------|------------|
| THEORY | | | | |
| 1 | Gender, School and Society | BED210 | 4 Credits | 100 |
| 2 | Knowledge and Curriculum: Perspectives in Education | BED212 | 4 Credits | 100 |
| 3 | Guidance & Counselling | BED214 | 4 Credits | 100 |
| 4 | Environmental Education | BED216 | 4 Credits | 100 |
| 5 | Creating an Inclusive School | BED218 | 4 Credits | 100 |
| 6 | Elective 1 (Any one) | | 4 Credits | 100 |
| 1. | Human Rights and Value Education | BED220 | | |
| 2. | Health & Physical Education | BED222 | | |
| 3. | Adult & Population Education | BED224 | | |
| 4. | Peace Education | BED226 | | |
| 5. | Work Education | BED228 | | |
| 6. | Education of the Marginalized Groups | BED230 | | |
| 7. | Life Skills Education | BED232 | | |
| 8. | School Leadership | BED234 | | |
| PRACTICAL | | | | |
| 7 | Reflection on School Experience | BED252 | 2 Credits | 100 |
| 8 | Drama and Art in Education | BED254 | 2 Credits | 100 |
| ELECTIVE- 2 | | | | |
| 9. | NCC/ NSS | | 2 Credits | 100 |
| Total Credits & Marks | | | 30 Credits | 900 |

***NCC/NSS can be completed in any semester from Semester 1 – Semester 4. It will be evaluated internally by respective institute. The credit for this will be given after fourth Semester for the students enrolled from the session 2023-24 onwards. # NUES (Non University Examination System).*

Bachelor of Education
Guru Gobind Singh Indraprastha University

| *PEDAGOGY OF SCHOOL SUBJECT | COURSE CODE |
|--------------------------------|-------------|
| Teaching of Hindi | BED116 |
| Teaching of Sanskrit | BED118 |
| Teaching of English | BED120 |
| Teaching of Punjabi | BED122 |
| Teaching of Urdu | BED124 |
| Teaching of Mathematics | BED126 |
| Teaching of Social Sciences | BED128 |
| Teaching of Home Science | BED130 |
| Teaching of Accountancy | BED132 |
| Teaching of Business Studies | BED134 |
| Teaching of Political Science | BED136 |
| Teaching of Economics | BED138 |
| Teaching of Geography | BED140 |
| Teaching of History | BED142 |
| Teaching of Integrated Science | BED144 |
| Teaching of Physics | BED146 |
| Teaching of Chemistry | BED148 |
| Teaching of Biology | BED150 |

Two Year B.Ed. Course at a Glance

| | Semester 1 | Semester 2 | Semester 3 | Semester 4 | Total |
|----------------|------------|------------|------------|------------|-------------|
| Courses | 10 | 11 | 5 | 9 | 35 |
| Credits | 36 credits | 36 credits | 20 credits | 30 credits | 122 Credits |
| Marks | 1000 | 1100 | 400 | 900 | 3500 |

Scheme of Examination

The student will be required to earn 122/120 credits for the award of the degree. The student will have the option to choose NSS/NCC if they so desire.

- The Two year B.Ed. Programme is of 122 credits for students opting for NSS/NCC and of 120 credits for students not opting for NSS/NCC. The students will have to earn all the credits.
- The medium of instruction shall be English.
- In a Four credit course, three credits are assigned for theory and one credit for practical assignments or field work.
- In a Two credit course, one credit is assigned for theory and one credit for practical assignments or field work.
- In a theory course, one credit is equivalent to one hour of teaching.
- In the practical course, one credit is equivalent to two hours of engagement in teaching and learning.
- For theory courses, weightage is of 100 marks, breakup of marks of assessment, is given as under;
100 Marks-

| | |
|----------|--|
| 75 Marks | Theory Exam |
| 15 Marks | Practical Assignments / Field Engagement |
| 10 Marks | Minors |

- For a Practical course, weightage is of 100 marks and the ratio of External and Internal assessment of marks is 60:40.
- For passing in any course, minimum 40% marks are required to be secured.
- The maximum duration of completion of the B.Ed. Course will be $n+2$ ($n=2$) i.e. the existing duration of the programme.

The student will be required to earn 122/120 credits for the award of the degree. The student will be required to register in all the courses listed in the scheme of the examination of the programme.


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MANDI ROAD, MANDI
NEW DELHI-110047

SCHEME OF EXAMINATION

&

SYLLABI

of

BACHELOR OF BUSINESS ADMINISTRATION

for

First to Sixth Semester (w.e.f. 2017 – 2018 Academic Session)



DIRECTOR
IRGAYA'S LALITA DEVI INSTITUTE
OF MANAGEMENT & SCIENCES
MANDI ROAD, MANDI
NEW DELHI-110047

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
DWARKA. NEW DELHI-110078

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

SCHEME OF EXAMINATIONS

Criteria for Internal Assessment

All theory courses have internal assessment of 25 marks and 75 marks for external examination. For the courses related to projects, internal assessment is 50 marks and external examination is 50 marks. The courses related to Lab have 40 marks as internal assessment and 60 marks for external examination.

The internal assessment of the students (out of 25 marks) shall be as per the criteria given below:

1. **Class Test-I** - **15 marks**
Written Test Compulsory (to be conducted on the date communicated by the University)
2. **Individual Presentation/Viva-Voce/Group Discussion/ Class Participation** - **10 marks**

Note: Record should be maintained by faculty and made available to the examination branch of the University.

MAXIMUM & MINIMUM CREDITS OF THE PROGRAM

The total number of the credits of the BBA Programme is 140.

Each student shall be required to appear for examination in all courses. However, for the award of the degree a student should secure at least 132 credits.


DIRECTOR
UNIVERSITY UNIT-DEM INSTITUTE
OF MANAGEMENT & SCIENCES
MANDI ROAD, MANDI
NEW DELHI-110047

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

SCHEME OF EXAMINATIONS

I. SUMMER TRAINING PROJECT

Each student shall undergo practical training of eight weeks during the vacations after fourth semester in an approved business / industrial / service organization and submit at least two copies of the Summer Training Report to the Director / Principal of the Institution before the commencement of the end-term Examination. The Summer Training Report shall Carry 100 marks. It shall be evaluated for 50 marks by an External Examiner to be appointed by the University and for the rest of the 50 marks by an Internal Examiner to be appointed by the Director / Principal of the Institution.

II. FINAL YEAR PROJECT REPORT

During the sixth semester each student shall undertake a project to be pursued by him / her under the supervision of an Internal Supervisor to be appointed by the Director / Principal. The project should preferably be based on primary data. Both the subject and the name of the Supervisor will be approved by the Director / Principal of the Institution. The Project Report in duplicate along with one soft copy in a CD/DVD will be submitted at least three weeks prior to the commencement of the End Term Examination of the Sixth Semester. Project Report shall carry 100 marks. It shall be evaluated for 50 marks by an External Examiner to be appointed by the University and for the rest of the 50 marks by an Internal Examiner to be appointed by the Director / Principal of the Institution.


DIRECTOR
UNIVERSITY LALITA DEVI INSTITUTE
OF MANAGEMENT & SCIENCES
BANDI ROAD, MANOLI
NEW DELHI-110047

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

INSTRUCTIONS FOR PREPARATION OF THE PROJECT REPORTS

Students are required to follow the mentioned pattern in preparing the project:

Format of the report:

1. Title page
2. Certificate
3. Acknowledgement
4. Table of Contents
5. Chapter Plan:
 - Chapter I: Introduction
 - Objectives of the study
 - Review of Literature
 - Research Methodology
 - Limitations of the study
 - Chapter II: Profile of the Organization (in case of Summer Training Project)
 - Chapter III: Analysis and Interpretation of Data
 - Chapter IV: Conclusions and Recommendations

Format for Bibliography

Follow APA style of Referencing (8th edition)

<https://www.scribd.com/document/251154420/Apa-Citation-Style-8th-edition-pdf>

Annexures

Questionnaire (if applicable)

DIRECTOR
LINSAYA'S LALIT DEVI INSTITUTE
OF MANAGEMENT & SCIENCES
MANDI ROAD, MANDI
NEW DELHI-110047

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME
B.B.A. (Three-Years)

First Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|---|---|-----------|----------|-----------|
| BBA 101 | Management Process & Organizational Behaviour | Generic Elective/ Interdisciplinary Course | 4 | - | 4 |
| BBA 103 | Business Mathematics | Core Discipline | 4 | - | 4 |
| BBA 105 | Financial Accounting & Analysis | Core Discipline | 4 | - | 4 |
| BBA 107 | Business Economics | Core Discipline | 4 | - | 4 |
| BBA 109 | Computer Applications | Skill Enhancement Course | 4 | - | 4 |
| BBA 111 | Computer Applications Lab | Skill Enhancement Course | - | 4 | 2 |
| | | Total | 20 | 4 | 22 |

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME

Second Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|-------------------------|-------------------------------------|-----------|----------|-----------|
| BBA 102 | Cost Accounting | Core Discipline | 4 | - | 4 |
| BBA 104 | Quantitative Techniques | Core Discipline | 4 | - | 4 |
| BBA 106 | E-Commerce | Core Discipline | 4 | - | 4 |
| BBA 108 | E-Commerce Lab | Skill Enhancement Course | - | 4 | 2 |
| BBA 110 | Business Communication | Ability Enhancement - Compulsory | 4 | - | 4 |
| BBA 112 | Business Environment | Core Discipline | 4 | - | 4 |
| | | Total | 18 | 4 | 22 |


DIRECTOR
DR. S. K. LALITA GEM INSTITUTE
OF MANAGEMENT & SCIENCES
MANOJ ROAD, MANOJ
NEW DELHI - 110047
Academic Session 2017-2018

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME

Third Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|---|---|-----------|----------|-----------|
| BBA 201 | Business Laws | Core Discipline | 4 | - | 4 |
| BBA 203 | Marketing Management | Core Discipline | 4 | - | 4 |
| BBA 205 | Business Ethics and Corporate Social Responsibility | Generic Elective/ Interdisciplinary Course | 4 | - | 4 |
| BBA 207 | Management Accounting | Core Discipline | 4 | - | 4 |
| BBA 209 | Indian Economy | Core Discipline | 4 | - | 4 |
| BBA 211 | Environmental Science* (NUES) | Ability Enhancement - Compulsory | 2 | - | 2 |
| | | Total | 22 | - | 22 |

*NUES: Non University Examination System

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME

Fourth Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|--------------------------------------|---|-----------|----------|-----------|
| BBA 202 | Human Resource Management | Core Discipline | 4 | - | 4 |
| BBA 204 | Financial Management | Core Discipline | 4 | - | 4 |
| BBA 206 | Research Methodology | Generic Elective/ Interdisciplinary Course | 4 | - | 4 |
| BBA 208 | Research Methodology Lab | Skill Enhancement Course | - | 4 | 2 |
| BBA 210 | Information Systems Management | Core Discipline | 4 | - | 4 |
| BBA 212 | Information Systems Management Lab | Skill Enhancement Course | - | 4 | 2 |
| BBA 214 | Managerial Skill Development (NUES)* | Skill Enhancement Course | 2 | - | 2 |
| | | Total | 18 | 8 | 22 |

Note: At the end of the Fourth Semester all the students shall have to undergo Summer Training for Six to Eight Weeks.

*NUES: Non University Examination System

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME**


Fifth Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|------------------------------------|---|-----------|----------|-----------|
| BBA 301 | Income Tax Law and Practice | Core Discipline | 4 | - | 4 |
| BBA 303 | Production & Operations Management | Generic Elective/ Interdisciplinary Course | 4 | - | 4 |
| BBA 305 | Services Marketing | Core Discipline | 4 | - | 4 |
| BBA 307 | Entrepreneurship Development | Generic Elective/ Interdisciplinary Course | 4 | - | 4 |
| BBA 309 | Goods & Services Tax (GST) | Core Discipline | 4 | - | 4 |
| BBA 311 | Summer Training Report | Skill Enhancement Course | - | - | 6 |
| | | Total | 24 | - | 26 |

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME**

Sixth Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|-----------------------------------|-----------------------------|-----------|----------|-----------|
| BBA 302 | Project Management | Core Discipline | 4 | - | 4 |
| BBA 304 | Digital Marketing | Core Discipline | 4 | - | 4 |
| BBA 306 | International Business Management | Core Discipline | 4 | - | 4 |
| BBA 308 | Business Policy & Strategy | Core Discipline | 4 | - | 4 |
| BBA 310 | Sales & Distribution Management | Core Discipline | 4 | - | 4 |
| BBA 312 | Project Report | Skill Enhancement Course | - | - | 6 |
| | | Total | 16 | - | 26 |


DIRECTOR
 LINGANILALTA DEVI INSTITUTE
 OF MANAGEMENT & SCIENCES
 MANI ROAD, MANI
 NEW DELHI-110041/w.e.f. Academic Session 2017-2018

SCHEME OF EXAMINATIONS
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF COMMERCE (HONS.)

Criteria for Internal Assessment

All theory courses have internal assessment of 25 marks and 75 marks for external examination. For the courses related to projects, internal assessment is 50 marks and external examination is 50 marks. The courses related to Lab have 40 marks as internal assessment and 60 marks for external examination.

The internal assessment of the students (out of 25 marks) shall be as per the criteria given below:

1. **Class Test-I** - 15 marks
Written Test Compulsory (to be conducted on the date
Communicated by the University)
2. **Individual Presentation/Viva-Voce/Group Discussion/Class Participation** - 10 marks

Note: Record should be maintained by faculty and made available to the examination branch of the University.

MAXIMUM & MINIMUM CREDITS OF THE PROGRAMME

The total number of the credits of the B.Com (Hons.) Programme is 148.

Each student shall be required to appear for examinations in all courses. However, for the award of the degree a student should secure at least 140 credits.

The electives shall be floated if minimum number of students opting for it is 20 per cent of the intake in the course.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF COMMERCE (HONS.)

I. SUMMER TRAINING PROJECT

Each student shall undergo practical training of eight weeks during the vacations after fourth semester in an approved business / industrial / service organization and submit at least two copies of the Summer Training Report to the Director / Principal of the Institution before the commencement of the end-term Examination. The Summer Training Report shall Carry 100 marks. It shall be evaluated for 50 marks by an External Examiner to be appointed by the University and for the rest of the 50 marks by an Internal Examiner to be appointed by the Director / Principal of the Institution.

II. MINOR PROJECT REPORT

Each student will write a minor project report in the second semester based on internet survey relating to the topic assigned by the internal supervisor to be appointed by the Director/Principal. One copy of the Minor Project Report needs to be submitted by the student before the commencement of End Term Examination of the Second Semester. The Minor Project Report shall carry 100 marks. It shall be evaluated for 50 marks by an External Examiner to be appointed by the University and for the rest of the 50 marks by an Internal Examiner to be appointed by the Director / Principal of the Institution

III. FINAL YEAR PROJECT REPORT

During the sixth semester each student shall undertake a project to be pursued by him / her under the supervision of an Internal Supervisor to be appointed by the Director / Principal. The project should preferably be based on primary data. Both the subject and the name of the Supervisor will be approved by the Director / Principal of the Institution. The Project Report in duplicate along with one soft copy in a CD/DVD will be submitted at least three weeks prior to the commencement of the End Term Examination of the Sixth Semester. Project Report shall carry 100 marks. It shall be evaluated for 50 marks by an External Examiner to be appointed by the University and for the rest of the 50 marks by an Internal Examiner to be appointed by the Director / Principal of the Institution.

INSTRUCTIONS FOR PREPARATION OF THE PROJECT REPORTS

Students are required to follow the mentioned pattern in preparing the project:

Format of the report:

1. Title page
2. Certificate
3. Acknowledgement
4. Table of Contents
5. Chapter Plan:

Chapter I: Introduction

Objectives of the study
Review of Literature
Research Methodology
Limitations of the study

Chapter II: Profile of the Organization (in case of Summer Training Project)

Chapter III: Analysis and Interpretation of Data

Chapter IV: Conclusions and Recommendations

Format for Bibliography

Follow APA style of Referencing (8th edition)

<https://www.scribd.com/document/251154420/Apa-Citation-Style-8th-edition-pdf>

Annexures

Questionnaire (if applicable)

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF COMMERCE (HONS.) PROGRAMME

First Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|---|-----------------------------------|-----------|----------|-----------|
| BCOM 101 | Management Process & Organizational Behaviour | Core Discipline | 4 | - | 4 |
| BCOM 103 | Financial Accounting | Core Discipline | 4 | - | 4 |
| BCOM 105 | Micro Economics | Generic Elective | 4 | - | 4 |
| BCOM 107 | Business Communication | Ability Enhancement Course | 4 | - | 4 |
| BCOM 109 | Computer Applications | Skill Enhancement Elective Course | 4 | - | 4 |
| BCOM 111 | Computer Applications Lab | Skill Enhancement Elective Course | - | 4 | 2 |
| | | Total | 20 | 4 | 22 |

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF COMMERCE (HONS.) PROGRAMME

Second Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|----------------------|-----------------------------------|-----------|-----|-----------|
| BCOM 102 | Business Mathematics | Core Discipline | 4 | - | 4 |
| BCOM 104 | Business Laws | Core Discipline | 4 | - | 4 |
| BCOM 106 | Macro Economics | Generic Elective | 4 | - | 4 |
| BCOM 108 | Cost Accounting | Core Discipline | 4 | - | 4 |
| BCOM 110 | Business Studies | Core Discipline | 4 | - | 4 |
| BCOM 112 | Minor Project Report | Skill Enhancement Elective Course | - | - | 4 |
| | | Total | 20 | | 24 |

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF COMMERCE (HONS.) PROGRAMME

Third Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|---|---------------------------------------|-----------|----------|-----------|
| BCOM 201 | Marketing Management | Core Discipline | 4 | - | 4 |
| BCOM 203 | Management Accounting | Core Discipline | 4 | - | 4 |
| BCOM 205 | Human Resource Management | Core Discipline | 4 | - | 4 |
| BCOM 207 | Business Ethics and Corporate Social Responsibility | Ability Enhancement Compulsory Course | 4 | - | 4 |
| BCOM 209 | Business Statistics | Generic Elective | 4 | - | 4 |
| BCOM 211 | Computerized Accounting Software (Computer Lab) | Skill Enhancement Elective Course | - | 4 | 2 |
| BCOM 213 | Managerial Personality Development (NUES)* | Skill Enhancement Elective Course | 2 | - | 2 |
| | | Total | 22 | 4 | 24 |

*NUES- Non-University Examination System

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF COMMERCE (HONS.) PROGRAMME

Fourth Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|--------------------------------------|-----------------------------------|-----------|----------|-----------|
| BCOM 202 | Fundamentals of Financial Management | Core Discipline | 4 | - | 4 |
| BCOM 204 | Auditing | Core Discipline | 4 | - | 4 |
| BCOM 206 | Corporate Accounting | Core Discipline | 4 | - | 4 |
| BCOM 208 | Indian Economy | Generic Elective | 4 | - | 4 |
| BCOM 210 | Financial Modeling | Core Discipline | 4 | - | 4 |
| BCOM 212 | Financial Modeling Lab | Skill Enhancement Course | - | 4 | 2 |
| BCOM 214 | Research Methodology | Skill Enhancement Elective Course | 4 | - | 4 |
| BCOM 216 | Research Methodology Lab | Skill Enhancement Course | - | 4 | 2 |
| | | Total | 24 | 8 | 28 |

Note: At the end of the Fourth Semester all the students shall have to undergo Summer Training for Six to Eight Weeks.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF COMMERCE (HONS.) PROGRAMME

Fifth Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|-------------|---------------------------------------|------------------------------------|-----------|----------|-----------|
| BCOM 301 | Income-Tax Law and Practice | Core Discipline | 4 | - | 4 |
| BCOM 303 | Entrepreneurship Development | Skill Enhancement Elective Course | 4 | - | 4 |
| BCOM 305 | Information Systems Management | Core Discipline | 4 | - | 4 |
| BCOM 307 | Information Systems Management Lab | Skill Enhancement Course | - | 4 | 2 |
| BCOM 309 | Summer Training Report | Skill Enhancement Course | - | - | 6 |
| <i>BCOM</i> | Elective I (Any one of the following) | Discipline Specific Elective (DSE) | 4 | - | 4 |
| | | Total | 16 | 4 | 24 |

The students will choose one elective paper from given electives.

Elective I

- BCOM 311: Investment Management
- BCOM 313: Financial Markets and Institutions
- BCOM 315: Sales and Distribution Management
- BCOM 317: Advertising and Brand Management
- BCOM 319: Industrial Relations and Labour Laws
- BCOM 321: Training and Development

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI
BACHELOR OF COMMERCE (HONS.) PROGRAMME

Sixth Semester Examination

| Code No. | Paper | Discipline | L | T/P | Credits |
|----------|---|------------------------------------|-----------|----------|-----------|
| BCOM 302 | Project Management | Core Discipline | 4 | - | 4 |
| BCOM 304 | Goods & Services Tax (GST) | Generic Elective | 4 | - | 4 |
| BCOM 306 | E-Commerce | Skill Enhancement Elective Course | 4 | - | 4 |
| BCOM 308 | E-Commerce Lab | Skill Enhancement Course | - | 4 | 2 |
| BCOM 310 | Environmental Science (NUES)* | Skill Enhancement Course | 2 | - | 2 |
| BCOM 312 | Research Project | Skill Enhancement Course | - | - | 6 |
| BCOM | <i>ELECTIVE II</i> (Any one of the following) | Discipline Specific Elective (DSE) | 4 | - | 4 |
| | | Total | 18 | 4 | 26 |

*NUES- Non-University Examination System

One elective should be chosen from the given electives in sixth semester.

Elective II

- BCOM 314: Introduction to Derivatives
- BCOM 316: Principles of Insurance
- BCOM 318: Services Marketing
- BCOM 320: International Business Management
- BCOM 322: Compensation Management
- BCOM 324: Organizational Development

SCHEME OF EXAMINATION AND SYLLABI

for

BACHELOR OF COMMERCE (HONOURS)

for

First to Sixth Semester
(w.e.f. 2017 – 2018 Academic Session)



GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
SECTOR 16 C, DWARKA-110078

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

DWARKA, NEW DELHI-110078

B.COM (HONS.)

Scheme and Syllabus

2021-22 onwards

(Approved by AC Sub Committee)



B.Com (H) Graduate Attributes

Students are expected to exhibit the following abilities of learning after the completion of the Graduate Program in Commerce –

1. Comprehensive knowledge and understanding on concepts of commerce
2. Ability to articulate, communicate effectively and make professional presentations
3. Aptitude to think critically and reflect independently
4. Analytical skills to collate and synthesize data and derive rational decisions
5. Research oriented skills to analyze data, identify and diagnose problems, using latest technological tools
6. Explore new developments in the field of economic policies and processes of commerce
7. Innovation and Creativity striving towards an entrepreneurial mindset
8. Leadership abilities to uphold values and ethics and build efficient, effective, productive and proactive teams
9. Exhibit responsible citizenship towards social and ecological ecosystem
10. Self-driven attitude towards continuous learning and improvement

Need for Syllabus Revision:

As per the feedback of students, alumni, teachers and Employers, a need was felt to update the curriculum of the B.Com (H) program to make it industry ready. In addition, with New Education Policy 2020, the curriculum of B.Com (H) was required to incorporate the features such as: CBCS, Multi-entry and Multi-exit, Academic Bank of Credits, etc. The current syllabus and scheme has been worked out for 3 and 4 years with flexible entry and exit.

The whole syllabus of B.Com (H) is divided into following types:

- a) Core Papers
- b) Ability Enhancement Papers
- c) Skill Enhancement Papers
- d) Discipline Specific Elective Papers
- e) Generic Elective Papers
- f) Skill Enhancement - NUES
- g) Major and Minor Projects
- h) MOOC Courses
- i) Summer Internship Projects

SCHEME OF EXAMINATION

&

SYLLABI

of

BACHELOR OF COMMERCE
(B.Com Honours)

for

First and Second Semesters

(w.e.f. 2021 – 2022 Academic Session)



GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
DWARKA, NEW DELHI-110078

Scheme for B.Com (H) Course w.e.f AY 2021-22

Program Outcomes for B.Com (H)

On Completion of the Program of Bachelors in Commerce (Honours), Graduates will be able to:

1. Develop comprehensive understanding of overall business and financial environment in India
2. Exhibit in-depth knowledge of financial operations and decision making in an organisation
3. Enhance problem solving abilities for decision making in financial services and operations
4. Augment critical thinking skills and analytical abilities to analyze business data using various techniques and technological tools
5. Communicate effectively, articulate accurately and present professionally
6. Create an inclusive culture with congenial interpersonal relationships and
7. Lead productive and proactive teams
8. Demonstrate awareness of ethical issues and sensitivity towards social and environmental challenges

Program Specific Outcomes for B.Com (H)

On Completion of the Program of Bachelors in Commerce (Honours), Graduates will be able to:

1. Demonstrate an understanding of technological interventions in Finance
2. Augment skills for investments and trading in capital markets
3. Develop understanding on banking and financial services in India
4. Apply quantitative techniques and tools in Commerce
5. Imbibe human values and sense of responsibility towards self, society and environment
6. Undergo holistic personality development with skills for effective functioning

The scheme proposes the distribution of Core (C), Skill Enhancement (SE), Ability Enhancement (AE), Generic Electives (GE), Discipline Specific Electives (DSE), NUES, Projects and MOOC Courses.

Proposed Scheme of the Program

Type of Course

- C – Core
- SE – Skill Enhancement
- DSE – Discipline Specific Elective
- GE – Generic Elective
- AE – Ability Enhancement

Cdt – Credits for the Course ; Th – Hours per week for Theory in Classroom; Pr – Hours per week for Practicals in Lab for Lab Based Courses or Practical Exercises for NUES

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI BACHELOR OF COMMERCE PROGRAMME

B.Com (Honours)

Scheme of the Program

First Semester Examination

| Code No. | Paper | Type | L | T/ P | Credits |
|-----------|--------------------------------------|------|---|---------|---------|
| B.Com 101 | Financial Accounting | Core | 4 | - | 4 |
| B.Com 103 | Micro Economics | Core | 4 | - | 4 |
| B.Com 105 | Quantitative Techniques for Commerce | Core | 4 | - | 4 |

| | | | | | |
|-----------|--|-------------------|-----------|----------|-----------|
| B.Com 107 | Management Processes and Organizational Behavior | Core | 4 | - | 4 |
| B.Com 109 | Business Communication | Core | 4 | - | 4 |
| B.Com 111 | Information Technology for Commerce | Skill Enhancement | 2 | - | 2 |
| B.Com 113 | Information Technology for Commerce (Lab Based) | Skill Enhancement | - | 4 | 2 |
| | | Total | 22 | 4 | 24 |

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF COMMERCE PROGRAMME
Second Semester Examination

| Code No. | Paper | Type | L | T/P | Credits |
|-----------|--|---------------------|-----------|----------|-----------|
| B.Com 102 | Corporate Accounting | Core | 4 | - | 4 |
| B.Com 104 | Business Laws | Core | 4 | - | 4 |
| B.Com 106 | Macro Economics | Core | 4 | - | 4 |
| B.Com 108 | Business Statistics | Core | 4 | - | 4 |
| B.Com 110 | Environmental Science and Sustainability | Core | 4 | - | 4 |
| B.Com 112 | Minor Project I | Skill Enhancement | - | 0 | 3 |
| B.Com 114 | MOOC I | Ability Enhancement | - | - | 3 |
| | | Total | 20 | 0 | 26 |

* The student is required to choose one MOOC course of 3 credits as per his or her preference/choice from Swayam portal or any other online educational platform approved by the UGC / regulatory body from time to time at UG level and after completing the course, the student has to produce successful course completion certificate for claiming the credit. The course chosen by the student should be intimated to the MOOC Coordinator of the respective institution.

An Under-Graduate Certificate will be awarded, if a student wishes to exit at the end of first year/two semesters upon successful completion.

A Student having qualified in Under-Graduate Certificate in Commerce from GGSIP University can join the B.Com.(H) programme in 3rd Semester any time during the period. The procedure for depositing credits earned, its shelf life, redemption of credits, would be as per UGC (Establishment and Operationalisation) of Academic Bank of credits (ABC) scheme in higher education) Regulations 2021. The admission would be subject to availability of seats in the programme. Number of years spent for studies of this programme cannot be more than N+2 years.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF COMMERCE PROGRAMME
Third Semester Examination

| Code No. | Paper | Type | L | T/p | Credits |
|-----------|--|-------------------|---|-----|---------|
| B.Com 201 | Cost Accounting | Core | 4 | - | 4 |
| B.Com 203 | Corporate Laws | Core | 4 | - | 4 |
| B.Com 205 | Business Research | Core | 3 | - | 3 |
| | Generic Elective – I (one elective to be chosen) | Generic Elective | 4 | - | 4 |
| B.Com 211 | Basic Accounting Software (Lab Based) | Skill Enhancement | - | 4 | 2 |
| B.Com 213 | Research Methods for Commerce (Lab Based) | Skill Enhancement | - | 4 | 2 |
| B.Com 215 | Group Discussion and Interview Skills (NUES) | Skill Enhancement | - | 2 | 2 |

DIRECTOR OF ACADEMIC AFFAIRS
 GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
 NEW DELHI

| | | | | | |
|--------------|--|---------------------|-----------|-----------|-----------|
| Com 217 | Entrepreneurial Mindset | Ability Enhancement | 2 | - | 2 |
| Com 219 | NSS/NCC/Others notified by University (NUES) | Ability Enhancement | 2 | - | 2 |
| Total | | | 19 | 10 | 25 |

*NUES: Non University Examination System

General Elective I (one to be chosen)

B.Com 207 – Financial Markets and Institutions

B.Com 209 – Human Resources Management

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF COMMERCE PROGRAMME
Fourth Semester Examination

| Code No. | Paper | Type | L | T/P | Credits |
|--------------|---|---------------------|-----------|----------|-----------|
| B.Com 202 | Management Accounting | Core | 4 | - | 4 |
| B.Com 204 | Corporate Finance | Core | 4 | - | 4 |
| B.Com 206 | Business Ethics and CSR | Core | 4 | - | 4 |
| | Generic Elective – II (one to be chosen) | Generic Elective | 4 | - | 4 |
| B.Com 212 | Data Analysis with Spreadsheets (Lab Based) | Skill Enhancement | - | 4 | 2 |
| B.Com 214 | Income Tax Laws | Core | 4 | - | 4 |
| B.Com 216 | Minor Project II | Skill Enhancement | - | - | 4 |
| | MOOC II | Ability Enhancement | | | 3 |
| Total | | | 20 | 4 | 29 |

* The student is required to choose one MOOC course of 3 credits as per his or her preference/choice from Swayam portal or any other online educational platform approved by the UGC / regulatory body from time to time at UG level. After completing the course, the student has to produce successful course completion certificate for claiming the credit. The course chosen by the student should be intimated to the MOOC Coordinator of the respective institution.

At the end of the Fourth Semester all the students shall have to undergo Summer Training for six to eight weeks.

Generic Elective II (one to be chosen)

B.Com 208 Investment and Portfolio Management

B.Com 210 Marketing Management

An Under-Graduate Diploma will be awarded, if a student wishes to exit at the end of second year/four semesters upon successful completion.

A Student having qualified in Under-Graduate Diploma in Commerce from GGSIP University can join the B.Com.(H) programme in 5th Semester any time during the period. The procedure for depositing credits earned, its shelf life, redemption of credits, would be as per UGC (Establishment and Operationalisation) of Academic Bank of credits (ABC) scheme in higher education) Regulations 2021. The admission would be subject to availability of seats in the programme. Number of years spent for studies of this programme cannot be more than N+2 years.

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF COMMERCE PROGRAMME
Fifth Semester Examination

| Code No. | Paper | Type | L | T/P | Credits |
|--------------|--|------------------------------|-----------|----------|-----------|
| B.Com 301 | Corporate Taxation | Core | 4 | - | 4 |
| | Discipline Specific Elective I (one to be chosen) | Discipline Specific Elective | 4 | - | 4 |
| | Discipline Specific Elective II (one to be chosen) | Discipline Specific Elective | 4 | - | 4 |
| | Generic Elective III (one to be chosen) | Generic Elective | 4 | - | 4 |
| B.Com 315 | Internship Project Report | Skill enhancement | - | - | 4 |
| Total | | | 16 | - | 20 |

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Discipline Specific Elective I

- B.Com 303 Investment Banking
 B.Com 305 Valuation of Fixed Income Securities

Discipline Specific Elective II

- B.Com 307 Banking Operations
 B.Com 309 Capital Market Operations

Generic Elective III

- B.Com 311 Basics of Actuarial Science
 B.Com 313 Basics of Econometrics

B.Com (H) Course offers specialization in Two Areas:

- Specialization I - Financial Services and Operations**
Specialization II - Investment and Trading.

In order to specialize in one specific area the students must choose all the papers from the area as per list given below:

Area I - Financial Services and Operations

1. Banking Operations
2. Investment Banking
3. Financial Technology
4. New Venture Financing

Area II - Investment and Trading

1. Capital Market Operations
2. Equity Research and Analysis
3. Introduction to Derivatives
4. Valuation of Fixed Income Securities

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF COMMERCE PROGRAMME
Sixth Semester Examination

| Code No. | Paper | Type | L | T/P | Credits |
|-----------|--|------------------------------|-----------|----------|-----------|
| B.Com 302 | GST and E Filing (NUES) | Skill Enhancement | 2 | 1 | 2 |
| | Discipline Specific Elective III | Discipline Specific Elective | 4 | - | 4 |
| | Discipline Specific Elective IV | Discipline Specific Elective | 4 | - | 4 |
| B.Com 312 | Financial Modelling Using Spreadsheets (Lab Based) | Skill Enhancement | - | 4 | 2 |
| B.Com 314 | Major Research Project | Skill Enhancement | - | - | 6 |
| | | Total | 14 | 5 | 18 |

Discipline Specific Elective III

- B.Com 304 Financial Technology
 B.Com 306 Introduction to Derivatives

Discipline Specific Elective IV

- B.Com 308 New Venture Financing
 B.Com 310 Equity Research and Analysis

Background Note:

BBA Graduate Attributes

Students are expected to exhibit the following abilities of learning after the completion of the Graduate Program in Business Administration -

1. Effective Communication and Professional Presentation Skills
2. Comprehensive Knowledge on concepts of Business Management
3. Proficiency in Technological skills necessary for business decision making
4. Critical thinking and Analytical Skills for business problem solving
5. Innovation and Creativity for striving towards an entrepreneurial mindset
6. Leadership abilities to build efficient, effective, productive and proactive teams
7. Responsible citizenship towards social ecosystem
8. Expertise in initiatives towards the achievement of SDGs
9. Inclusivity and respect towards diversity in culture and societies
10. Attitude towards continuous learning and improvement

Need for Syllabus Revision:

As per the feedback of students, alumni, teachers and Employers, a need was felt to update the curriculum of the BBA program to make it industry ready. In addition, with New Education Policy 2020, the curriculum of BBA was required to incorporate the features such as: CBCS, Multi-entry and Multi-exit, Academic Bank of Credits, etc. The current syllabus and scheme has been worked out for 3 and 4 years with flexible entry and exit.

The whole syllabus of BBA is divided into following types:

- a) Core Papers
- b) Ability Enhancement Papers
- c) Skill Enhancement Papers
- d) Discipline Specific Elective Papers
- e) Generic Electives
- f) Skill Enhancement (NUES)
- g) Major and Minor Projects
- h) MOOC Courses
- i) Summer Internship Projects



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NEW DELHI-110027



SCHEME OF EXAMINATION

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SYLLABI

of

BACHELOR OF BUSINESS ADMINISTRATION
(BBA)

for

First and Second Semesters

(w.e.f. 2021 – 2022 Academic Session)



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ORGANISATION DEVELOPMENT INSTITUTE
OF MANAGEMENT SCIENCES
MANOJ KUMAR MANDI
NEW DELHI-110047

Pravin Chandra

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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF BUSINESS ADMINISTRATION (BBA)

SCHEME OF EXAMINATIONS

Criteria for Internal Assessment

All theory courses have internal assessment of 25 marks and 75 marks for external examination. For the courses related to labs, summer training and projects, internal assessment is 40 marks and external examination is 60 marks.

The internal assessment of the students (out of 25 marks) shall be as per the criteria given below:

- | | |
|---|----------|
| 1. Class Test | 15 marks |
| Written Test Compulsory (to be conducted as per Academic Calendar of the University) | |
| 2. Individual Assignments /Presentation/ Viva-Voce/ Group Discussion/ Class Participation | 10 marks |

Note: Record should be maintained by faculty and made available to the University, if required.

MAXIMUM & MINIMUM CREDITS OF THE PROGRAM

The total number of the credits of the BBA Programme is 142.

Each student shall be required to appear for examination in all courses. However, for the award of the degree a student should secure at least 134 credits.

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Pranav Chandra

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SCHEME OF EXAMINATIONS

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME**

B.B.A. (Three-Years)

First Semester Examination

| Code No. | Paper | Type | L | T/ P | Credits |
|----------|---|---------------------|-----------|----------|-----------|
| BBA 101 | Management Process and Organizational Behaviour | Core | 4 | - | 4 |
| BBA 103 | Business Mathematics | Core | 4 | - | 4 |
| BBA 105 | Financial Accounting and Analysis | Core | 4 | - | 4 |
| BBA 107 | Business Economics | Core | 4 | - | 4 |
| BBA 109 | IT applications in Business | Skill Enhancement | 3 | - | 3 |
| BBA 111 | IT applications in Business-Lab | Skill Enhancement | - | 2 | 1 |
| BBA 113 | Entrepreneurial Mindset (NUES) | Ability Enhancement | 2 | - | 2 |
| | | Total | 21 | 2 | 22 |

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME**

Second Semester Examination

| Code No. | Paper | Type | L | T/ P | Credits |
|----------|----------------------------------|---------------------|-----------|----------|-----------|
| BBA 102 | Cost Accounting | Core | 4 | - | 4 |
| BBA 104 | Decision Techniques for Business | Core | 4 | - | 4 |
| BBA 106 | Business Environment | Core | 4 | - | 4 |
| BBA 108 | E-Commerce | Skill Enhancement | 3 | - | 3 |
| BBA 110 | Business Communication | Ability Enhancement | 3 | - | 3 |
| BBA 112 | E-Commerce Lab | Skill Enhancement | - | 2 | 1 |
| BBA 114 | Minor Project-I | Skill Enhancement | - | - | 3 |
| BBA 116 | MOOC* | Ability Enhancement | - | - | 3 |
| | | Total | 18 | 2 | 25 |

* The student is required to choose one MOOC course of 3 credits as per his or her preference/choice from Swayam portal or any other online educational platform approved by the UGC / regulatory body from time to time at UG level and after completing the course, the student has to produce successful course completion certificate for claiming the credit. The course chosen by the student should be intimated to the MOOC Coordinator of the respective institution.

An Under-Graduate Certificate will be awarded, if a student wishes to exit at the end of first year/two semesters upon successful completion.

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NEW DELHI-110047**

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A Student having qualified in Under-Graduate Certificate from GGSIP University can join the BBA programme in 3rd Semester any time during the period. The procedure for depositing credits earned, its shelf life, redemption of credits, would be as per UGC (Establishment and Operationalisation) of Academic Bank of credits (ABC) scheme in higher education) Regulations 2021. The admission would be subject to availability of seats in the programme. Number of years spent for studies of this programme cannot be more than N+7 years.


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GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME

Third Semester Examination

| Code No. | Paper | Type | L | T/ P | Credits |
|----------|--|------------------------|-----------|----------|-----------|
| BBA 201 | Business Laws | Core | 4 | - | 4 |
| BBA 203 | Marketing Management | Core | 4 | - | 4 |
| BBA 205 | Human Resource Management | Core | 4 | - | 4 |
| BBA 207 | Management Accounting | Core/Skill Enhancement | 4 | - | 4 |
| BBA 209 | Production and Operations Management | Core/Interdisciplinary | 3 | - | 3 |
| BBA 211 | Business Research Methodology | Skill Enhancement | 3 | - | 3 |
| BBA 213 | Business Research Methodology Lab | Skill Enhancement | - | 4 | 2 |
| BBA 215 | NSS/NCC/NSO/others as notified by the university (NUES*) | Ability Enhancement | 2 | - | 2 |
| BBA 217 | Environmental Studies | Interdisciplinary | 4 | - | 4 |
| | | Total | 28 | 4 | 30 |

*NUES: Non University Examination System

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME


Fourth Semester

| Code No. | Paper | Type | L | T/ P | Credits |
|----------|--|---|-----------|---------|-----------|
| BBA 202 | Business Analytics | Ability Enhancement | 4 | - | 4 |
| BBA 204 | Financial Management | Core/Skill Enhancement | 4 | - | 4 |
| BBA 206 | Corporate Governance, Ethics & Social Responsibility of Business | Core/ Interdisciplinary | 4 | - | 4 |
| BBA 208 | Income Tax Law and Practice | Skill Enhancement /Interdisciplinary Course | 4 | - | 4 |
| BBA 210 | MOOC* | Ability Enhancement | - | - | 3 |
| | Elective I (one paper to be selected from the list of electives) | Discipline Specific Electives | 4 | - | 4 |
| BBA 218 | Minor Project -II | Skill Enhancement | - | - | 3 |
| | | Total | 20 | | 26 |

- List of Elective-I:
 BBA-212 Training and Development
 BBA-214 Sales Management
 BBA-216 Financial Markets and Institutions

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* The student is required to choose one MOOC course of 3 credits as per his or her preference/choice from Swayam portal or any other online educational platform approved by the UGC / regulatory body from time to time at UG level. After completing the course, the student has to produce successful course completion certificate for claiming the credit. The course chosen by the student should be intimated to the MOOC Coordinator of the respective institution.

At the end of the Fourth Semester all the students shall have to undergo Summer Training for six to eight weeks.

An Under-Graduate Diploma will be awarded, if a student wishes to exit at the end of second year/four semesters upon successful completion.

A Student having qualified in Under-Graduate Diploma from GGSIP University can join the BBA programme in 5th Semester any time during the period. The procedure for depositing credits earned, its shelf life, redemption of credits, would be as per UGC (Establishment and Operationalisation) of Academic Bank of credits (ABC) scheme in higher education) Regulations 2021. The admission would be subject to availability of seats in the programme. Number of years spent for studies of this programme cannot be more than N+2 years.



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NEW DELHI-110047


Pravin Chandra
P. Chandra

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME

Fifth Semester Examination

| Code No. | Paper | Type | L | T/ P | Credits |
|----------|--|------------------------------|-----------|----------|-----------|
| BBA 301 | Goods and Services Tax | Skill Enhancement | 3 | - | 3 |
| BBA 303 | Business Policy and Strategy | Core | 3 | - | 3 |
| BBA 305 | Information Systems Management | Skill Enhancement | 3 | - | 3 |
| BBA 307 | Information Systems Management Lab | Skill Enhancement | - | 4 | 2 |
| | Elective II (one elective to be selected from the list of electives) | Discipline Specific Elective | 4 | - | 4 |
| BBA 315 | Summer Training Report | Skill Enhancement | - | - | 4 |
| | Total | | 13 | 4 | 19 |

List of Elective-II

- BBA-309 Marketing Analytics
- BBA-311 Performance Management
- BBA-313 Financial Modeling

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, NEW DELHI
BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME


Sixth Semester Examination

| Code No. | Paper | Type | L | T/ P | Credits |
|----------|--|------------------------------|-----------|----------|-----------|
| BBA 302 | Project Management | Core | 3 | - | 3 |
| BBA 304 | Digital Marketing | Skill Enhancement | 4 | - | 4 |
| | Elective III* (one elective to be selected from the list of electives) | Discipline Specific Elective | 4 | - | 4 |
| BBA 312 | Entrepreneurship Development | Interdisciplinary | 3 | - | 3 |
| BBA 314 | Major Project | Skill Enhancement | - | - | 6 |
| | Total | | 14 | - | 20 |

List of Electives-III

- BBA-306 HR Analytics
- BBA-308 Advertising and Sales Promotion
- BBA-310 Investment Analysis and Portfolio Management


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 MAHINDRA PURI, NEW DELHI
 NEW DELHI-110047


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COURSE DISTRIBUTION (BBA)

| Types of Courses | Number of Courses | Credits Per Course | Sem I Course | Sem II Course | Sem III Course | Sem IV Course | Sem V Course | Sem VI Course | Total Credits |
|---|-------------------|--------------------|--------------|---------------|----------------|---------------|--------------|---------------|---------------|
| Core Courses – Theory and Classroom based (C) | 15 | 4/3 | 4 | 3 | 5 | 2 | 1 | 1 | 61 |
| Interdisciplinary Theory and Classroom based (GE) | 03 | 4/3 | | | 1 | 1 | | 1 | 7 |
| Skill Enhancement Courses Including Lab Based (SE) excluding minor/major/internship project reports | 11 | 4/3/2/1 | 2 | 3 | 2 | 2 | 4 | 2 | 45 |
| Discipline Specific Elective – Theory and Classroom based (DSE) | 3 | 4 | | | | 1 | 1 | 1 | 12 |
| Ability Enhancement Course including NUES | 4 | 4/3/2 | 1 | 2 | 1 | 2 | | | 17 |
| Minor Project-I | 1 | 3 | | 1 | | | | | 03 |
| Minor Project-II | 1 | 3 | | | | 1 | | | 03 |
| Internship Project Report | 1 | 4 | | | | | 1 | | 04 |
| Major Project | 1 | 6 | | | | | | 1 | 06 |
| Online Courses (MOOCs) | 2 | 3 | | 1 | | 1 | | | 06 |
| Total Credits | | | 22 | 25 | 30 | 26 | 19 | 20 | 142 |


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SCHEME OF EXAMINATION

&

SYLLABI

Of

**BACHELOR OF JOURNALISM
(MASS COMMUNICATION)**

For

**First to Sixth Semester
(w.e.f. Academic Session 2009-2010 onwards)**



**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
KASHMERE GATE, DELHI-110403**

**DIRECTOR
UNSWAY'S LALITA DEVI INSTITUTE
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MANDEE ROAD, MANDEE
NEW DELHI-110047**

FIRST SEMESTER EXAMINATION

| Course Code | Paper | L | T/P | Credits |
|------------------|-------------------------------------|----|-----|---------|
| BJ(MC) 101 | Writing for Media | 5 | - | 5 |
| BJ(MC) 103 | Socio-Economic & Political Scenario | 5 | - | 5 |
| BJ(MC) 105 | Introduction to Communication | 4 | - | 4 |
| BJ(MC) 107 | Basics of Design & Graphics | 4 | - | 4 |
| *BJ(MC) 109 | Indian Culture | 5 | - | 5 |
| Practical | | | | |
| BJ(MC) 151 | Communication Lab | - | 4 | 2 |
| BJ(MC) 153 | Design & Graphics Lab | - | 4 | 2 |
| BJ(MC) 155 | Computer Lab-I | - | 4 | 2 |
| Total | | 18 | 12 | 24 |

*Foreign students will study Course Code BJ(MC) 109- Indian Culture in lieu of Course Code BJ(MC) 101- Writing for Media.

SECOND SEMESTER EXAMINATION

| Course Code | Paper | L | T/P | Credits |
|------------------|--|----|-----|---------|
| BJ(MC) 102 | History of Print & Broadcasting in India | 5 | - | 5 |
| BJ(MC) 104 | Print Journalism-I | 4 | - | 4 |
| BJ(MC) 106 | Media Laws & Ethics | 5 | - | 5 |
| BJ(MC) 108 | Still Photography | 4 | - | 4 |
| Practical | | | | |
| BJ(MC) 152 | Print Journalism Lab-I | - | 4 | 2 |
| BJ(MC) 154 | Photo Lab | - | 4 | 2 |
| BJ(MC) 156 | Computer Lab-II | - | 4 | 2 |
| Total | | 18 | 12 | 24 |

Soon after the Second Semester End-Term Examination, students will undergo training in Print Media for four weeks and will submit a comprehensive Summer Training Report (STR) along with a Power Point Presentation incorporating the work done during the training.

The hard copy of the STR (in duplicate) is to be submitted along with a soft copy of Power Point Presentation at least 4 weeks before the commencement of End Term Examination of the Third semester.

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THIRD SEMESTER EXAMINATION

| Course Code | Paper | L | T/P | Credits |
|------------------|--|----|-----|---------|
| BJ(MC) 201 | Development & Communication | 5 | - | 5 |
| BJ(MC) 203 | Print Journalism-II | 5 | - | 5 |
| BJ(MC) 205 | Radio Journalism & Production | 4 | - | 4 |
| BJ(MC) 207 | Basics of Camera, Lights & Sound | 4 | - | 4 |
| **BJ(MC) 209 | Summer Training Report | 0 | - | 4 |
| Practical | | | | |
| BJ(MC) 251 | Print Journalism Lab-II | - | 4 | 2 |
| BJ(MC) 253 | Radio Journalism & Production Lab | - | 4 | 2 |
| BJ(MC) 255 | Operation & Handling of Video Equipment Lab | - | 4 | 2 |
| Total | | 18 | 12 | 28 |

** Summer Training Reports will be evaluated by the Board of Examiners comprising of an Internal Examiner and one External Examiner separately out of 50 marks each. The External Examiner will be appointed by the Vice Chancellor.

FOURTH SEMESTER EXAMINATION

| Course Code | Paper | L | T/P | Credits |
|------------------|---|----|-----|---------|
| BJ(MC) 202 | Television Journalism & Production | 5 | - | 5 |
| BJ(MC) 204 | Introduction to Advertising | 5 | - | 5 |
| BJ(MC) 206 | Public Relations | 4 | - | 4 |
| BJ(MC) 208 | New Media | 4 | - | 4 |
| Practical | | | | |
| BJ(MC) 252 | Television Journalism & Production Lab | - | 4 | 2 |
| BJ(MC) 254 | Public Relations Lab | - | 4 | 2 |
| BJ(MC) 256 | New Media Lab | - | 4 | 2 |
| Total | | 18 | 12 | 24 |

Soon after the Fourth Semester End Term Examination, each student will undergo a Functional Exposure Training for six weeks in Electronic Media/Advertising /Public Relations and will submit a Functional Exposure Report (FER) alongwith the Power Point Presentation containing the actual experiential learning. The hard copy of the FER (in duplicate) is to be submitted alongwith a soft copy of the Power Point Presentation, at least 4 weeks before the commencement of End Term Examination of the Fifth semester.

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NEW DELHI-110047

Academic Session 2009-10 onwards

FIFTH SEMESTER EXAMINATION

| Course Code | Paper | L | T/P | Credits |
|------------------|--|----|-----|---------|
| BJ(MC) 301 | Advertising Practices | 5 | - | 5 |
| BJ(MC) 303 | Event Management: Principles & Methods | 4 | - | 4 |
| BJ(MC) 305 | Media Research | 5 | - | 5 |
| BJ(MC) 307 | Environment Communication | 3 | - | 3 |
| ***BJ(MC) 309 | Functional Exposure Report | 0 | - | 4 |
| <u>Practical</u> | | | | |
| BJ(MC) 351 | Advertising Lab | - | 4 | 2 |
| BJ(MC) 353 | Event Management Lab | - | 4 | 2 |
| BJ(MC) 355 | Media Research Lab | - | 4 | 2 |
| Total | | 17 | 12 | 27 |

*** The Functional Exposure Report [FER] carries 100 marks. The report will be evaluated out of 50 marks each by a Board of Examiners comprising of Director/Principal or his/her nominee and one External Examiner to be appointed by the Vice-Chancellor.

Every student will be assigned the Final Project at the end of the Fifth Semester. The Final Project will be pursued by him/her under the supervision of an internal supervisor in the Sixth semester. The student will make his/her final project on the subject/theme approved by the Director of the Institute/HOD in the fifth semester. The Project Reports (induplicate) both hard & soft copy will be submitted by the students at least four weeks prior to the date of commencement of the End-Term Examination of the Sixth Semester. At the time of viva, the students will make a Power Point Presentation of the Final Project.

SIXTH SEMESTER EXAMINATION

| Course Code | Paper | L | T/P | Credits |
|------------------|---------------------------------|----|-----|---------|
| BJ(MC) 302 | Media Organisation & Management | 4 | - | 4 |
| BJ(MC) 304 | Contemporary Issues | 5 | - | 5 |
| BJ(MC) 306 | Global Media Scenario | 4 | - | 4 |
| <u>Practical</u> | | | | |
| **** BJ(MC) 352 | Final Project | - | - | 12 |
| BJ(MC) 354 | Comprehensive Viva | - | - | 4 |
| Total | | 13 | - | 29 |

****The Final Project Report carries 100 Marks. It will be evaluated by External and Internal Examiners separately from out of 50 marks each. The External Examiner will be appointed by the Vice Chancellor.

Note :

Total number of the credits for the BJ(MC) programme = 156

Each student is required to appear in examinations of all courses. However, for the award of degree a student must secure at least 150 credits.

FIRST SEMESTER EXAMINATION

| Course Code | Course Title | L | T/P | Credits |
|--|--|----|----------|---------|
| CORE COURSES | | | | |
| THEORY | | | | |
| BA (JMC) 101 | Communication: Concepts & Processes | | | |
| BA (JMC) 103 | Contemporary India: An Overview | 4 | - | 4 |
| BA (JMC) 105 | Basics of Design and Graphics | 4 | - | 4 |
| PRACTICAL/SEMINARS/VIVA VOCE | | | | |
| BA (JMC) 151 | Communication Skills Lab | | | |
| BA (JMC) 153 | Contemporary India: Issues and Debates (Seminars/ Presentations) | - | 2 | 2 |
| BA (JMC) 155 | Design & Graphics Lab - I | - | 2 | 2 |
| ELECTIVE COURSES (Select any one from the following) | | | | |
| BA (JMC) 107 | Personality Development | | | |
| BA (JMC) 109 | Writing Skills | 4 | - | 4 |
| BA (JMC) 111 | Indian Culture (For Foreign Students Only)* | 4 | - | 4 |
| PRACTICAL/VIVA VOCE (Select Corresponding Lab based on Elective Course) | | | | |
| BA (JMC) 157 | Personality Development Lab | - | 2 | 2 |
| BA (JMC) 159 | Writing Skills Lab | - | 2 | 2 |
| TOTAL | | | | |
| | | 16 | 8*2=16** | 24*** |

*Foreign students will study Course Code BA (JMC) 111, Course Title- Indian Culture as Elective Course along with Course Code BA (JMC) 157, Course Title- Personality Development Lab as Practical Course.

**In practical courses, one credit equals two hours of teaching/ training/ learning.

***Total number of credits include credits of compulsory three Core Courses along with credits of their respective labs and credits of one Elective Course along with credits of corresponding lab/ seminars/ presentations/ workshops.

SECOND SEMESTER EXAMINATION

| Course Code | Course Title | L | T/P | Credits |
|--|------------------------------|----|--------|---------|
| CORE COURSES | | | | |
| THEORY | | | | |
| BA (JMC) 102 | Print Journalism | | | |
| BA (JMC) 104 | Media Laws and Ethics | 4 | - | 4 |
| BA (JMC) 106 | Still Photography | 4 | - | 4 |
| PRACTICAL/VIVA VOCE | | | | |
| BA (JMC) 152 | Print Journalism Lab | | | |
| BA (JMC) 154 | Still Photography Lab | - | 2 | 2 |
| BA (JMC) 156 | Design and Graphics Lab - II | - | 2 | 2 |
| ELECTIVE COURSES (Select any one from the following) | | | | |
| BA (JMC) 108 | Health Communication | | | |
| BA (JMC) 110 | Sports Journalism | 4 | - | 4 |
| PRACTICAL/VIVA VOCE (Select Corresponding Lab based on Elective Course) | | | | |
| BA (JMC) 158 | Health Communication Lab | - | 2 | 2 |
| BA (JMC) 160 | Sports Journalism Lab | - | 2 | 2 |
| TOTAL | | | | |
| | | 16 | 8*2=16 | 24 |

Soon after the End-Term Examination of the Second Semester, the student shall undergo training/internship in Print Media for a period of four weeks. She/he shall submit in duplicate hard copy and a soft copy of Summer Training Report (STR) along with the DVD of multi-media presentation incorporating the work done during the training/internship, at least four weeks before the commencement of End Term Examination of the Third Semester. The Summer Training Report shall be supervised by the internal faculty appointed by the Director/ Principal of the institute/ college.

- Approved in the BOS Meeting held on 27th June 2016 & AC Sub Committee Meeting held on 22nd July 2016.
- To be effective from the Academic Session 2016-17 onwards.

UNIVERSITY OF
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MAHARAJA GURU
NEW DELHI-110047

BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION)

THIRD SEMESTER EXAMINATION

| Course Code | Course Title | L | T/P | Credits |
|--|--|----|--------|---------|
| CORE COURSES | | | | |
| THEORY | | | | |
| BA (JMC) 201 | Development Communication | 4 | - | 4 |
| BA (JMC) 203 | Basics of Radio Programming and Production | 4 | - | 4 |
| BA (JMC) 205 | Basics of Video Camera, Lights and Sound | 4 | - | 4 |
| PRACTICAL/VIVA VOCE | | | | |
| BA (JMC) 251 | Radio Production Lab | - | 2 | 2 |
| BA (JMC) 253 | Video Production Lab | - | 2 | 2 |
| BA (JMC) 255 | Summer Training Report**** | - | - | 4 |
| ELECTIVE COURSES (Select any one from the following) | | | | |
| BA (JMC) 207 | Radio Jockeying and News Reading | 4 | - | 4 |
| BA (JMC) 209 | Video Editing | 4 | - | 4 |
| PRACTICAL/VIVA VOCE (Select Corresponding Lab based on Elective Course) | | | | |
| BA (JMC) 257 | Radio Jockeying and News Reading Lab | - | 2 | 2 |
| BA (JMC) 259 | Video Editing Lab | - | 2 | 2 |
| TOTAL | | 16 | 6*2=12 | 26 |

**** The Summer Training Report carries 100 marks and shall be evaluated by the Board of Examiners comprising of an Internal Examiner and one External Examiner separately out of 50 marks each. The External Examiner shall be appointed by the Competent Authority.

FOURTH SEMESTER EXAMINATION

| Course Code | Course Title | L | T/P | Credits |
|--|--|----|--------|---------|
| CORE COURSES | | | | |
| THEORY | | | | |
| BA (JMC) 202 | Basics of Advertising | 4 | - | 4 |
| BA (JMC) 204 | Basics of Public Relations | 4 | - | 4 |
| BA (JMC) 206 | Television Programming and Production | 4 | - | 4 |
| PRACTICAL/VIVA VOCE | | | | |
| BA (JMC) 252 | Advertising Lab | - | 2 | 2 |
| BA (JMC) 254 | Public Relations Lab | - | 2 | 2 |
| BA (JMC) 256 | TV Production Lab | - | 2 | 2 |
| ELECTIVE COURSES (Select any one from the following) | | | | |
| BA (JMC) 208 | Television News: Reporting and Anchoring | 4 | - | 4 |
| BA (JMC) 210 | Corporate Communication | 4 | - | 4 |
| PRACTICAL/VIVA VOCE (Select Corresponding Lab based on Elective Course) | | | | |
| BA (JMC) 258 | Television News: Reporting and Anchoring Lab | - | 2 | 2 |
| BA (JMC) 260 | Corporate Communication Lab | - | 2 | 2 |
| TOTAL | | 16 | 8*2=16 | 24 |

Soon after the End Term Examination of the Fourth Semester, each student shall undergo a Functional Exposure Training/ Internship for four weeks in Radio/TV/Advertising /Public Relations/NGO. She/ he shall submit in duplicate hard copy and a soft copy of Functional Exposure Report [FER] along with the DVD of multi-media presentation containing the actual experiential learning, at least 4 weeks before the commencement of End Term Examination of the Fifth Semester. The Functional Exposure Report shall be supervised by the internal faculty appointed by the Director/ Principal of the Institute/ College.

- i. Approved in the BOS Meeting held on 27th June 2016 & AC Sub Committee Meeting held on 22nd July 2016.
- ii. To be effective from the Academic Session 2016-17 onwards.


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 MAHARAJA KRISHNA MANSI
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BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION)

FIFTH SEMESTER EXAMINATION

| Course Code | Course Title | L | T/P | Credits |
|--|---------------------------------|----|--------|---------|
| CORE COURSES | THEORY | | | |
| BA (JMC) 301 | Basics of New Media | 4 | - | 4 |
| BA (JMC) 303 | Media Research | 4 | - | 4 |
| BA (JMC) 305 | Event Management | 4 | - | 4 |
| PRACTICAL/VIVA VOCE | | | | |
| BA (JMC) 351 | New Media Lab | - | 2 | 2 |
| BA (JMC) 353 | Media Research Lab | - | 2 | 2 |
| BA (JMC) 355 | Event Management Lab | - | 2 | 2 |
| BA (JMC) 357 | Functional Exposure Report***** | - | - | 4 |
| ELECTIVE COURSES (Select any one from the following) | | | | |
| BA (JMC) 307 | Digital Media Marketing | 4 | - | 4 |
| BA (JMC) 309 | Film Appreciation | 4 | - | 4 |
| PRACTICAL/VIVA VOCE (Select Corresponding Lab based on Elective Course) | | | | |
| BA (JMC) 359 | Digital Media Marketing Lab | - | 2 | 2 |
| BA (JMC) 361 | Film Appreciation Lab | - | 2 | 2 |
| TOTAL | | 16 | 8*2=16 | 28 |

*****The Functional Exposure Report [FER] carries 100 marks. The report shall be evaluated out of 50 marks each by a Board of Examiners comprising of Director/Principal or her/his nominee and one External Examiner separately out of 50 marks each. The External Examiner shall be appointed by the Competent Authority.

Each student shall be assigned the Final Project at the end of the Fifth Semester. The Final Project shall be pursued by her/him under the supervision of internal faculty in the Sixth Semester. The student shall make her/his Final Project on the theme/topic approved by the Director of the Institute/Principal in the Fifth Semester. She/ he shall submit the hard & soft copy of the Final Project in duplicate and also make the multi-media presentation on the same at least four weeks before the date of commencement of the End-Term Examination of the Sixth Semester. The project would be continuously monitored through tutorials and assignments and the record of the same would be submitted at the time of external examination duly certified by the internal faculty.

The Comprehensive Viva shall be based on all the courses of the programme and future projections of Media & Entertainment industry.

SIXTH SEMESTER EXAMINATION

| Course Code | Course Title | L | T/P | Credits |
|----------------------------|---|----|-----|---------|
| CORE COURSES | THEORY | | | |
| BA (JMC) 302 | Media Management and Entrepreneurship | 4 | - | 4 |
| BA (JMC) 304 | Global Media: An Overview | 4 | - | 4 |
| BA (JMC) 306 | Environment Communication | 4 | - | 4 |
| PRACTICAL/VIVA VOCE | | | | |
| BA (JMC) 352 | Final Project and Comprehensive Viva***** | - | - | 16 |
| TOTAL | | 12 | - | 28 |

*****The Final Project and Comprehensive Viva carries 100 Marks. It shall be evaluated by the Board of Examiners comprising of the Internal Examiner and External Examiner.

Note: The Board of Examiners shall comprise of the Director/ Principal or her/his nominee and two External Experts out of which one would preferably be from the corporate world i.e. media organisation operating in the country. The quorum shall be deemed to have met if two out of three members are present. The External Examiners shall be appointed by the Competent Authority.

- Approved in the BOS Meeting held on 27th June 2016 & AC Sub Committee Meeting held on 22nd July 2016.
- To be effective from the Academic Session 2016-17 onwards.

BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION)

SCHEME OF EXAMINATION

INTERNAL EVALUATION

| Theory Courses | Allocation of Marks: 25 | |
|-----------------------|--|----|
| Class Test | There shall be one Class Test in each semester for each of the Courses | 10 |
| Continuous Evaluation | It shall be based on Home Assignments & Class Assignments/Quiz Tests | 10 |
| Internal Assessment | It shall be based on Seminars/Presentations & Class Room Performance | 5 |

| Practical Courses | Allocation of Marks: 40 | |
|-----------------------|---|----|
| Class Test | There shall be one Class Test in each semester for each of the Lab Courses. It shall be based on Demonstration of Skills and Viva Voce | 15 |
| Continuous Evaluation | It shall be based on Assignments & Exercises | 15 |
| Internal Assessment: | It shall be based on Lab Performance in each Semester | 10 |

EXTERNAL EVALUATION

The external evaluation for each Courses of the programme, shall be based on the students' performance in the End-Term Theory and Practical Examination (as outlined in the detailed course scheme) i.e. 75 marks in Theory courses and 60 marks in Practical courses.

INSTRUCTIONS FOR PAPER SETTER/ MODERATOR
THEORY COURSES

| | |
|--|--|
| Maximum Marks | 75 |
| Time | 3 hours |
| Total Questions | 5 questions of 15 marks each, out of which Question No. 1 will be compulsory. |
| Compulsory Question | The Paper Setter must ensure internal choice of 5 Short answer type questions of 3 marks each from all the four units. |
| Setting of Other Questions | Q.No.2 is to be set from Unit I, Q.No.3 from Unit II, Q.No.4 from Unit III and Q.No.5 from Unit IV alongwith internal choice for each question from each unit. |
| Distribution of Marks in these Questions | A question should either be a full-length question of 15 marks or 2 questions of 7 ½ marks each or 3 short notes of 5 marks each. |

PRACTICAL/ SEMINAR/ PRESENTATION/ WORKSHOP

| | |
|-----------|---|
| A. | Student(s) should be evaluated on the basis of the end-product prepared by them along with hard and soft copy of exercises/ assignments undertaken during the semester (45 marks) |
| B. | The examiner shall interview the student(s) to assess the knowledge/ understanding of the subject. (15 marks) |
| Max Marks | The marks prescribed for evaluating a student by the External Examiner are 60. |

DISTRIBUTION OF CREDITS

| Semester I | Semester II | Semester III | Semester IV | Semester V | Semester VI | Total |
|------------|-------------|--------------|-------------|------------|-------------|-------|
| 24 | 24 | 26 | 24 | 28 | 28 | 154 |

Note: Total number of credits for the BACHELOR OF ARTS IN JOURNALISM & MASS COMMUNICATION - BA (JMC) = 154. For the award of degree a student must secure 150 credits.

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Bachelor of Computer Applications

Proposed Scheme of Syllabus

(CHOICE BASED CREDIT SYSTEM)

W.E.F ACADEMIC SESSION 2021-22

**BACHELOR OF COMPUTER APPLICATIONS
(BCA) DEGREE**

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
SECTOR-16C, DWARKA, NEW DELHI-110078**


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Bachelor of Computer Applications

I. BACHELOR OF COMPUTER APPLICATIONS PROGRAMME DETAILS

1. Aim:

The programme covers rudimentary to advance concepts in Computer Science and its applications in various domains. An exceptionally broad range of topics covering current trends and technologies in the field of information technology and computer science are included in the syllabus. The hands on sessions in Computer labs using various Programming languages and tools are also given to have a deep conceptual understanding of the topics to widen the horizon of students' self- experience.

Students, who choose BCA Programme, develop the ability to think critically, logically, analytically and to use and apply current technical concepts and practices in the core development of solutions in the multiple domains.

The knowledge and skills gained with a degree in Computer Application prepare graduates for a wide range of jobs in education, research, government sector, business sector and industry. In broader perspective the mission of teaching BCA is to produce employable IT workforce, that will have sound knowledge of IT and business fundamentals that can be applied to develop and customize solutions for various Enterprises.

2. Programme Objectives:

It is envisioned that the graduates passing out BCA degree, will achieve the following objectives and will be able to

| Programme Objectives (POs) | Description |
|----------------------------|---|
| PO1 | Understand the fundamental concepts of Computers, Software hardware and peripheral devices and evolution of computer technologies. |
| PO2 | Familiarized with Business environment and Information Technology and its Applications in different domains. |
| PO3 | Gain knowledge to identify, explain and apply functional programming and object-oriented programming techniques and use of databases to develop computer programs. |
| PO4 | Analyze, design, implement and evaluate computerized solutions to real life problems, using appropriate computing methods including web applications. |
| PO5 | Understand the front end and backend of software applications. |
| PO6 | Gain expertise in at least one emerging technology. |
| PO7 | Acquire knowledge about computer architecture and organization, networks, network devices and their configuration, protocols, security concepts at various level etc. |

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| | |
|------|---|
| PO8 | Apply techniques of software validation and reliability analysis to the development of computer programs. |
| PO9 | Acquire Technical, Communication and management Skills to convey or present information, applications, instructions, policies, procedures, decisions, documentations etc. verbally as well as in writing. |
| PO10 | Recognize the various issues related to society, environment, health and vivid cultures and understand the responsibilities to contribute in providing the solutions. |
| PO11 | Acquire technical skills to lead a productive life in the society as a professional or as an entrepreneur. |

3. Programme Learning Outcomes:

The completion of the BCA Programme shall enable a student to:

- i) To design, implement, and evaluate computer-based system, process, component, or program to meet desired needs by critical understanding, analysis and synthesis
- ii) Identify applications of Computer Science in other fields in the real world to enhance the career prospects
- iii) Realize the requirement of lifelong learning through continued education and research.
- iv) Use the concepts of best practices and standards to develop user interactive and abstract application
- v) Understand the professional, ethical, legal, security, social issues and responsibilities.

The detailed list of programme learning outcomes is as follows:

| PLO | Attribute | Description |
|------|-----------------------|---|
| PLO1 | Communication Skills | The student should be able to communicate the technical information both orally and in writing professionally. |
| PLO2 | Use of Software Tools | Create, select, adapt and apply suitable tools and technologies to a wide range of computational activities. |
| PLO3 | Technical Skills | Acquire necessary knowledge of technical, scientific as well as basic managerial and financial procedures to analyze and solve real world problems within their work domain |
| PLO4 | Domain Awareness | Clarity on both conceptual and application oriented skills in commerce, Finance & Accounting and it Applications in Business context. |
| PLO5 | Technical Support | Must be able to provide technical support for various software applications. |
| PLO6 | Analysis and | Ability to analyze research and investigate complex computing |

Bachelor of Computer Applications

| | | |
|------|---|--|
| | investigation of Complex Computing Problems | problems through design of experiments, analysis and interpretation of data and synthesis of the information to arrive at valid conclusions. |
| PLO7 | Design / Development of Solutions | Apply the knowledge gained in core courses to a broad range of advanced topics in computer science, to learn and develop sophisticated technical products independently. |
| PLO8 | Imbibe Cyber Ethics | Awareness on ethics, values, sustainability and creativity aspects of technical solutions. |


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II. CHOICE BASED CREDIT SYSTEM (CBCS)

The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill based courses.

I. Types of courses in CHOICE BASED CREDIT SYSTEM (CBCS)

1.1 Core Course: A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.

1.2 Elective Course: Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.

a) **Discipline Specific Elective (DSE) Course:** Elective courses offered by the main discipline/subject of study are referred as Discipline Specific Electives.

b) **Project work/Dissertation** is considered as a special course involving application of knowledge in solving / analyzing /exploring a real life situation / difficult problem. A candidate studies such a course on his own with an advisory support by a teacher/faculty member. The work done will have to be submitted in writing as a project report / dissertation.

c) **Generic Elective (GE) Course:** Elective courses that are generic or interdisciplinary by nature chosen from an unrelated discipline/ subject with an intention to seek exposure beyond discipline/s of choice are called Generic Electives. Students will have to choose one elective each in the third and fourth semester from the lists GE1 to GE2 given in this syllabus.

1.3 Ability Enhancement Courses (AEC)

The Ability Enhancement (AE) Courses are the course that lead to Knowledge enhancement. These are of two types.

a) **AE Compulsory Course (AECC):** Environmental Studies, English Communication/MIL Communication.

b) **AE Elective Course (AEEC):** AEEC courses are value-based and/or skill-based and are aimed at providing hands-on-training, competencies, skills, etc. These courses are to be chosen from a pool of courses designed to provide value-based and/or skill-based instruction.

III PROGRAMME STRUCTURE:

The BCA programme is a three-year course of 160 credits divided into six-semester. A student is required to complete 150 credits for the completion of course and the award of degree.

| | Academic Year | Odd Semester | Credits | Even Semester | Credits |
|------------|---------------|--------------|---------|---------------|---------|
| Part – I | First Year | Semester I | 26 | Semester II | 26 |
| Part – II | Second Year | Semester III | 27 | Semester IV | 27 |
| Part – III | Third Year | Semester V | 27 | Semester VI | 27 |

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| | | |
|---------------------|----|----|
| Total Credits – 162 | 80 | 82 |
|---------------------|----|----|

Eligibility Criteria: The detailed eligibility criteria for BCA programme for an academic session will be provided in the admission brochure. However, for quick reference, the eligibility criteria of BCA programme for academic session 2021-22 is as follows:

“Pass in 12th Class of 10+2 of CBSE or equivalent with a minimum of 50% marks in aggregate* with pass in English (core or elective or functional), Mathematics or (Computer Science / Informatics Practice / Computer Applications / Multimedia & Web Technology / Data Management Application / Web Application as compulsory subject of non-vocational stream with 50 theory and 50 practical ratio). OR Three year Diploma in a branch of Engineering from a polytechnic duly approved by All India Council for Technical Education and affiliated to a recognized examining body with a minimum of 50% marks in aggregate.”


Admission Criteria: Admission shall be based on the merit of the written test /CET.

IV INSTRUCTION FOR QUESTIONS PAPER SETTER:

- Question Paper setter for each course must refer the instructions provided with the detailed syllabus of the specific courses.
- The question paper shall be preferably set from the prescribed text books and reference books, mentioned in the syllabus.

V CREDIT ALLOCATION (BCA PROGRAMME OF STUDY)

| Course | Credits | |
|--|--|---|
| | Theory + Practical | Theory + Tutorial |
| | Core Course (6 credits) (12 papers) | Core Course (4 credits) (7 papers) |
| Core Course Theory 19 Papers | 12x4=48 | 7x3=21 |
| Core Course Practical / Tutorial* 19 Papers | 12x2=24 | 7x1=7 |
| Elective Course (4 Papers of 5 credits each, 5 Papers of 4 credits each and 7 Papers of 2 credits each) | | |
| A.1. Discipline Specific Elective (4 Papers) | 4x4 = 16 | |
| A.2. Discipline Specific Elective Practical/Tutorial* (4 Papers) | 1x4 = 04 | |
| | | |
| B.1. Generic Elective/ Interdisciplinary (2 Papers) | | 2x3 = 06 |
| B.2. Generic Elective Practical/ Tutorial* (2 Papers) | | 2x1 = 02 |


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| | | |
|--|--------------------------------|-------------------|
| 1.Ability Enhancement Compulsory Courses(AECC) (3 Papers of 4 credit each and 1 Paper of 6 Credit including Minor & Major Project) | $1 \times 4 + 1 \times 6 = 10$ | $2 \times 4 = 8$ |
| 2. Ability Enhancement Compulsory Courses(AECC) (2 Papers of 2 credit) | | $2 \times 2 = 04$ |
| Skill Enhancement Courses (SEC) (5 Papers of 2 credit each) | $5 \times 2 = 10$ | |
| Co-Curricular Activities | 2 | |
| Total credit 162 | 114 | 48 |

*Wherever there is practical, there will be no tutorial and vice-versa


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III. CBCS COURSE STRUCTURE FOR BCA PROGRAMME

1. SEMESTER WISE PLACEMENT OF THE COURSES

| Semester | CORE COURSE (18) | Ability Enhancement Compulsory Course (AECC) (3) | Skill Enhancement Course (SEC) (2) | Elective: Discipline Specific (DSE) (5) | Elective: Generic (GE) (2) |
|----------------------------|---|--|---|---|-----------------------------------|
| I Total Credits 26 | CC1 (4) Discrete Mathematics | AECC 1 (4) Technical Communication | | | |
| | CC2 (4+2) Programming using 'C' Language | | | | |
| | CC3(4+2) Fundamentals of IT & Computers | | | | |
| | CC4 (4+2) Web Technologies | | | | |
| II Total Credits 26 | CC5 (4) Applied Mathematics | AECC2 (2) Environment Studies | SEC -1 (2) | | |
| | CC6 (4+2) Web Based Programming | | | | |
| | CC7 (4+2) Data Structure And Algorithm Using 'C' | | | | |
| | CC8 108 (4+2) Database Management System | | | | |
| III Total Credits 27 | CC9 (4) Computer Network | AECC3 (2) Human Values and ethics | SEC -2 (2) | DSE- 1 (4+1) | Any course from the list GE-1(4) |
| | CC10 (4) Computer Organization and Architecture | | | | |
| | CC11 (4+2) Object Oriented Programming with C++ | | | | |
| IV Total Credits 27 | CC12(4+2) Java Programming | AECC4 (4) Introduction to Management & Entrepreneurship Development | SEC-3 (2) Personality Development Skills | DSE -2 (4+1) | Any course from the list GE-2 (4) |
| | CC13 (4+2) Software Engineering | | | | |
| V Total Credits | CC14 (4+2) Operating System & Linux Programming | AECC 5 Minor Project (4) | SEC-4 (2) Summer Internship | DSE -3 (4+1) | |
| | CC15(4+2) Computer Graphics | | | | |

Bachelor of Computer Applications

| | | | | | |
|------------------------------|--|-----------------------------|---|-----------------|--|
| 27 | CC 16 (4) Cloud computing | | | | |
| VI Total Credits 29 | CC17 (4) Datawarehousing and Data Mining | AECC 6 Major Project (6) | SEC-5 (2) Seminar/ Conference Presentation | DSE -4 (4+1) | |
| | CC18 (4) E-Commerce | | | | |
| | CC19 (4+2) Internet of Things | | | | |
| | NSS / NCC / Cultural Clubs / Technical Society / Technical Clubs | Mandatory (2) | | | |

1.1 Skill Enhancement Course 1(SEC)

SEC 1 (choose one) Skill development course from the following

- MOOC course from SWAYAM / NPTEL of minimum 2 credits. Certificate is Mandatory for the degree
- Front End Design Tool VB.Net Lab
- Statistical Analysis using Excel
- Designing Lab Photoshop

SEC 2 (choose one)

- MOOC course From Swayam / NPTEL of minimum 2 credits. Certificate is Mandatory for the degree
- Designing Lab CorelDraw
- ASP.Net
- AR/VR
- Cyber Ethics

1.2 Discipline Specific Electives (DSE) (Choose any One Group of DSE)

DSE-A – Data Science & Analytics

- Basics of Python Programming
- Introduction to Data Science
- Machine Learning with Python
- Data Visualization & Analytics

DSE-B – Artificial Intelligence & Machine Learning

- Basics of Python Programming
- Introduction to Artificial Intelligence
- Machine Learning with Python
- Deep Learning with Python

DSE-C– Cyber Security

- Cyber Security
- Network Security
- Web Security
- IT Acts and Cyber Laws


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DSE-D – Software Development

1. Basics of Python Programming
2. Web Development with Python and Django
3. Web Development with Java & JSP
4. Mobile Application Development

1.3 Generic Elective (GE) for BCA Students

GE 1 (choose any One)

- (i) Principles of Management & Organizational Behaviour
- (ii) Any One Paper Offered as open elective by other School / Department / Programme

GE 2 (choose any One)

- (i) Digital Marketing
- (ii) Principles of Accounting
- (iii) Any One Paper Offered as open elective by other School / Department / Programme

1.4 Generic (Open) Electives for other undergraduate programmes

The following Core courses of BCA programme may be offered as Generic Elective for other undergraduate programmes. Maximum number of students from other School / Department / Programme should not exceed 20% of total intake for the programme.

| S.No. | Semester | Subject Code | Subject Name |
|-------|----------|--------------------|---|
| 1 | I | BCA 105 BCA 173 | Fundamentals of Computers & IT Practical – II IT Lab |
| 2 | I | BCA 107 BCA 175 | Web Technologies Practical-III Web Tech Lab |
| 3 | II | BCA 108 BCA 176 | Database Management System Practical – VI DBMS Lab |
| 4 | III | BCA 205 BCA 271 | Object Oriented Programming using C++ Practical – VI C++ Lab |
| 5 | III | BCA 211 | Basics of Python Programming |
| 6 | VI | BCA 304 | E-Commerce |


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Bachelor of Computer Applications

SEMESTER WISE EVALUATION SCHEME

Based on the above-mentioned course categories the semester wise Evaluation scheme of BCA Programme will be as follows:

FIRST SEMESTER EXAMINATION

| Code No. | Paper | Course Category | L | T/P | Credits | Marks Internal | Marks External | Max Marks |
|---|--------------------------------|--|---|-----|-----------|----------------|----------------|------------|
| Core Course Theory | | | | | | | | |
| BCA 101 | Discrete Mathematics | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 103 | Programming Using 'C' Language | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 105# | Fundamentals of Computers & IT | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 107# | Web Technologies | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | |
| BCA 109 | Technical Communication | AECC | 3 | 1 | 4 | 25 | 75 | 100 |
| Core Course Practicals | | | | | | | | |
| BCA 171 | Practical – I 'C' Prog. Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| BCA 173# | Practical – II IT Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| BCA 175# | Practical-III Web Tech Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| Bridge Course (Mandatory for Students from Non Mathematics background) | | | | | | | | |
| BCA 181 [†] | Bridge Course in Mathematics | Mandatory for Students from Non Mathematics background | 2 | 0 | 0 | Pass Grade | ----- | ----- |
| Total Credits | | | | | 26 | | | 800 |

[†] Non Credit subject mandatory for the students who do not have mathematics in 12th std. The student has to obtain at least pass marks (40). The examination of this paper shall be conducted by the concerned teacher teaching the course / paper as Teacher's Continuous Evaluation for total 100 marks. Only the Pass / Fail status is to be specified on the marksheet of the examination and the result of the student. Passing is mandatory for student not having mathematics in 12th std.

Generic Elective (GE) for other undergraduate programmes

TOTAL MARKS: 800


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SEMESTER WISE EVALUATION SCHEME

SECOND SEMESTER EXAMINATION

| Code No. | Paper | Course Category | L | T/P | Credits | Marks Internal | Marks External | Max Marks |
|--|--|-----------------------|---|-----|---------|----------------|----------------|-----------|
| Core Course Theory | | | | | | | | |
| BCA 102 | Applied Mathematics | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 104 | Web based Programming | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 106 | Data Structure And Algorithm Using 'C' | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 108# | Database Management System | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | |
| BCA 110 | Environment Studies | AECC | 2 | 0 | 2 | 25 | 75 | 100 |
| *Skill Enhancement Course (AEEC) (Choose any One) | | | | | | | | |
| BCA 132 | **MOOC course from SWAYAM / NPTEL | SEC-1 | 0 | 0 | 2 | 100 | 0 | 100 |
| BCA 134 | Front End Design Tool VB.Net Lab | SEC-1 | 0 | 4 | 2 | 100 | 0 | 100 |
| BCA 136 | Statistical Analysis using Excel | SEC-1 | 0 | 4 | 2 | 100 | 0 | 100 |
| BCA 138 | Designing Lab Photoshop | SEC-1 | 0 | 4 | 2 | 100 | 0 | 100 |
| Core Course Practical | | | | | | | | |
| BCA 172 | Practical-IV WBP Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| BCA 174 | Practical – V DS Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| BCA 176# | Practical – VI DBMS Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| Total | | | | | | 26 | | 900 |

*NUES (Non – University Examination Subject) – Only Internal Assessment by the Institute)

Generic Elective (GE) for other undergraduate programmes

TOTAL MARKS: 900

****Instructions for MOOC course**

- MOOC Course should be done from SWAYAM/NPTEL as per the guidelines of UGC.
- For securing the credits, the student is required to complete the assessment of the course and to provide the certificate of the course done from SWAYAM/NPTEL.

Bachelor of Computer Applications

3. The fees (if any) for the registration and/or assessment of the MOOC course must be borne by the student only.
4. If the student secures more than 2 credits for the MOOC Course even then 2 credits shall be considered for this subject and the grade/marks provided by assessing authority shall be transferred to the university by the institution where the student is studying. The University's Examination Division shall take the result of the MOOC course on record and a result declared for these papers. The student must submit the result of such papers to their respective institution. All the results for the MOOC courses may be submitted before the completion of other requirements including credits requirement.


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Bachelor of Computer Applications

SEMESTER WISE EVALUATION SCHEME

THIRD SEMESTER EXAMINATION

| Code No. | Paper | Course Type | L | T/P | Credits | Marks Internal | Marks External | | Max Marks |
|--|---|--------------------|---|-----|---------|----------------|----------------|----|-----------|
| | | | | | | | Th | Pr | |
| Core Course Theory | | | | | | | | | |
| BCA 201 | Computer Network | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 203 | Computer Organization and Architecture | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 205# | Object Oriented Programming with C++ | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | | |
| BCA 207 | Human Values and Ethics | AECC | 2 | 0 | 2 | 25 | 75 | 0 | 100 |
| *Discipline Specific Elective (Choose any One) | | | | | | | | | |
| BCA 211# | Basics of Python Programming | DSE-1 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| BCA 213 | Cyber Security | DSE-1 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| **Generic Elective (Choose any One) | | | | | | | | | |
| BCA 221 | Principles of Management & Organizational Behaviour | GE-1 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 223 | Open Elective offered by other Department/School /programme | GE-1 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| ***Skill Enhancement Course (AEEC) (Choose any One) | | | | | | | | | |
| BCA 231 | ****MOOC course from SWAYAM/ NPTEL | SEC-2 | 0 | 0 | 2 | 100 | 0 | 0 | 100 |
| BCA 233 | Designing Lab CorelDraw | SEC-2 | 0 | 4 | 2 | 100 | 0 | 0 | 100 |
| BCA 235 | ASP.Net | SEC-2 | 0 | 4 | 2 | 100 | 0 | 0 | 100 |
| BCA 237 | AR/VR | SEC-2 | 0 | 4 | 2 | 100 | 0 | 0 | 100 |

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Bachelor of Computer Applications

| | | | | | | | | | |
|------------------------------|------------------------------|-----------------------------|---|---|----|-----|---|----|-----|
| BCA 239 | Cyber Ethics | SEC-2 | 2 | 0 | 2 | 100 | 0 | 0 | 100 |
| Core Course Practical | | | | | | | | | |
| BCA 271# | Practical – VII C++ Lab # | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| Total | | | | | 27 | | | | 800 |

Generic Elective (GE) for other undergraduate programmes

* First Subject from Discipline specific chosen group

** Choose one subject from list of GE-1

*** NUES (Non – University Examination Subject) – Only Internal Assessment by the Institute) i.e. the assessment shall be conducted by the institution for all 100 marks as Teacher's Continuous Assessment

****Instructions for MOOC course

1. MOOC Course should be done from SWAYAM/NPTEL as per the guidelines of UGC.
2. For securing the credits, the student is required to complete the assessment of the course and to provide the certificate of the course done from SWAYAM/NPTEL.
3. The fees (if any) for the registration and/or assessment of the MOOC course must be borne by the student only.
4. If the student secures more than 2 credits for the MOOC Course even then 2 credits shall be considered for this subject and the grade/marks provided by assessing authority shall be transferred to the university by the institution where the student is studying. The University's Examination Division shall take the result of the MOOC course on record and a result declared for these papers. The student must submit the result of such papers to their respective institution. All the results for the MOOC courses may be submitted before the completion of other requirements including credits requirement.

TOTAL MARKS: 800

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Bachelor of Computer Applications

SEMESTER WISE EVALUATION SCHEME

FOURTH SEMESTER EXAMINATION

| Code No. | Paper | Course Type | L | T/P | Credits | Marks Internal | Marks External | | Max Marks |
|---|--|-----------------------|---|-----|---------|----------------|----------------|----|-----------|
| | | | | | | | Th | Pr | |
| Core Course Theory | | | | | | | | | |
| BCA 202 | Java Programming | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 204 | Software Engineering | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | | |
| BCA 206 | Introduction to Management & Entrepreneurship Development | AECC | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| *Discipline Specific Elective (Choose any One) | | | | | | | | | |
| BCA 212 | Introduction to Data Science | DSE-2 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| BCA 214 | Introduction to Artificial Intelligence | DSE-2 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| BCA 216 | Network Security | DSE-2 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| BCA 218 | Web Development Using Python and Django | DSE-2 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| **Generic Elective (Choose any One) | | | | | | | | | |
| BCA 222 | Digital Marketing | GE-2 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 224 | Principles of Accounting | GE-2 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 226 | Open Elective offered by other Department/ School /programme | GE-2 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| ***Skill Enhancement Course (AEEC) | | | | | | | | | |
| BCA 232 | Personality Development Skills | SEC-3 | 2 | 0 | 2 | 100 | 0 | 0 | 100 |
| Core Course Practical | | | | | | | | | |
| BCA 272 | Practical –VIII Java Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| BCA 274 | Practical – IX SE Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| Total | | | | | | 27 | | | 800 |

* Second Subject from Discipline specific chosen group

** Choose one subject from list of GE-2

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*** NUES (Non – University Examination Subject) – Only Internal Assessment by the Institute) i.e. the assessment shall be conducted by the institution for all 100 marks as Teacher's Continuous Assessment

Summer Training will be held for 4 weeks after the end of fourth semester.
Viva-Voce will be conducted in fifth semester.

TOTAL MARKS: 800


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SEMESTER WISE EVALUATION SCHEME

FIFTH SEMESTER EXAMINATION

| Code No. | Paper | Course Type | L | T/P | Credits | Marks Internal | Marks External | | Max Marks |
|---|--------------------------------------|-----------------------|---|-----|---------|----------------|----------------|----|------------|
| | | | | | | | Th | Pr | |
| Core Course Theory | | | | | | | | | |
| BCA 301 | Operating System & Linux Programming | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 303 | Computer Graphics | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 305 | Cloud Computing | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | | |
| BCA 307 | Minor Project | AECC | 0 | 8 | 4 | 40 | 0 | 60 | 100 |
| *Discipline Specific Elective (Choose any One) | | | | | | | | | |
| BCA 311 | Machine Learning with Python | DSE-3 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| BCA 313 | Web Security | DSE-3 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| BCA 315 | Web Development with Java & JSP | DSE-3 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| ***Skill Enhancement Course (AEEC) | | | | | | | | | |
| BCA 331 | Summer Training Project | SEC-4 | 0 | 0 | 2 | 100 | 0 | 0 | 100 |
| Core Course Practical | | | | | | | | | |
| BCA 371 | Practical – X Linux - OS Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| BCA 373 | Practical – XI CG Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| Total | | | | | | 27 | | | 800 |

* Third Subject from Discipline specific chosen group

***NUES (Non – University Examination Subject) – Only Internal Assessment by the Institute) i.e. the assessment shall be conducted by the institution for all 100 marks as Teacher's Continuous Assessment. Evaluation will be based on Summer Training held after fourth semester.

TOTAL MARKS: 800


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SEMESTER WISE EVALUATION SCHEME

SIXTH SEMESTER EXAMINATION

| Code No. | Paper | Course Type | L | T/P | Credits | Marks Internal | Marks External | | Max Marks |
|---|--|-----------------------|-----|-----|---------|----------------|----------------|----|-----------|
| | | | | | | | Th | Pr | |
| Core Course Theory | | | | | | | | | |
| BCA 302 | Data Ware Housing & Data Mining | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 304# | E- Commerce | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 306 | Internet of Things | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | | |
| BCA 308 | **Major Project | AECC | --- | 12 | 6 | 40 | 0 | 60 | 100 |
| *Discipline Specific Elective (Choose any One) | | | | | | | | | |
| BCA 312 | Data Visualization & Analytics | DSE-4 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| BCA 314 | Deep Learning with Python | DSE-4 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| BCA 316 | IT Act and Cyber Laws | DSE-4 | 4 | 1 | 5 | 25 | 75 | | 100 |
| BCA 318 | Mobile Application Development | DSE-4 | 4 | 1 | 5 | 25 | 50 | 25 | 100 |
| ***Skill Enhancement Course (AEEC) | | | | | | | | | |
| BCA 332 | Seminar/ Conference Presentation | SEC - 5 | 0 | 0 | 2 | 100 | 0 | 0 | 100 |
| Core Course Practical | | | | | | | | | |
| BCA 372 | Practical - XII IOT Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| S BCA 374 | NSS / NCC / Cultural Clubs / Technical Society / Technical Clubs | Mandatory | 0 | 0 | 2 | 100 | 0 | 0 | 100 |
| Total | | | | | | 29 | | | 800 |

*Fourth Subject from Discipline specific chosen group.

** The student shall do the Major project in the Discipline Specific Area/Curriculum based subject /any emerging technology.

*** NUES (Non - University Examination Subject) - Only Internal Assessment by the Institute i.e. the assessment shall be conducted by the institution for all 100 marks as Teacher's Continuous Assessment .Evaluation will be based on the presentation on any latest

Bachelor of Computer Applications

technology/research article in in-house/external seminar/conference and will be conducted by the college committee only.

Generic Elective (GE) for other undergraduate programmes

S NUES (Non – University Examination Subject) Comprehensive evaluation of the students by the concerned coordinator of NCC / NSS / Cultural Clubs / Technical Society / Technical Clubs out of 100 marks as per evaluation schemes worked out by these societies / organizations at the institution / University level. The coordinators shall be responsible for the evaluation of the same. These activities shall start from the 1st semester and evaluation shall be conducted at the end of 6th semester for the students admitted in the first semester.

Note: Any Elective Subject will be offered if minimum 1/3 rd of the total strength of students in the class will opt for it.


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UNIVERSITY INSTITUTE
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Proposed Scheme of Syllabus

(CHOICE BASED CREDIT SYSTEM)

W.E.F ACADEMIC SESSION 2021-22

BACHELOR OF COMPUTER APPLICATIONS
(BCA) DEGREE

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
SECTOR-16C, DWARKA, NEW DELHI-110078



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NEW DELHI-110047

SEMESTER WISE EVALUATION SCHEME

Based on the above-mentioned course categories the semester wise Evaluation scheme of BCA Programme will be as follows:

FIRST SEMESTER EXAMINATION

| Code No. | Paper | Course Category | L | T/P | Credits | Marks Internal | Marks External | Max Marks |
|---|--------------------------------|--|---|-----|-----------|----------------|----------------|------------|
| Core Course Theory | | | | | | | | |
| BCA 101 | Discrete Mathematics | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 103 | Programming Using 'C' Language | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 105# | Fundamentals of Computers & IT | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 107# | Web Technologies | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | |
| BCA 109 | Technical Communication | AECC | 3 | 1 | 4 | 25 | 75 | 100 |
| Core Course Practicals | | | | | | | | |
| BCA 171 | Practical – I 'C' Prog. Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| BCA 173# | Practical – II IT Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| BCA 175# | Practical-III Web Tech Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| Bridge Course (Mandatory for Students from Non Mathematics background) | | | | | | | | |
| BCA 181* | Bridge Course in Mathematics | Mandatory for Students from Non Mathematics background | 2 | 0 | 0 | Pass Grade | ----- | ----- |
| | Total Credits | | | | 26 | | | 800 |

* Non Credit subject mandatory for the students who do not have mathematics in 12th std. The student has to obtain at least pass marks (40). The examination of this paper shall be conducted by the concerned teacher teaching the course / paper as Teacher's Continuous Evaluation for total 100 marks. Only the Pass / Fail status is to be specified on the marksheet of the examination and the result of the student. Passing is mandatory for student not having mathematics in 12th std.

Generic Elective (GE) for other undergraduate programmes

TOTAL MARKS: 800


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SEMESTER WISE EVALUATION SCHEME

SECOND SEMESTER EXAMINATION

| Code No. | Paper | Course Category | L | T/P | Credits | Marks Internal | Marks External | Max Marks |
|--|--|-----------------------|---|-----|---------|----------------|----------------|-----------|
| Core Course Theory | | | | | | | | |
| BCA 102 | Applied Mathematics | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 104 | Web based Programming | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 106 | Data Structure And Algorithm Using 'C' | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| BCA 108# | Database Management System | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | |
| BCA 110 | Environment Studies | AECC | 2 | 0 | 2 | 25 | 75 | 100 |
| *Skill Enhancement Course (AEEC) (Choose any One) | | | | | | | | |
| BCA 132 | **MOOC course from SWAYAM / NPTEL | SEC-1 | 0 | 0 | 2 | 100 | 0 | 100 |
| BCA 134 | Front End Design Tool VB.Net Lab | SEC-1 | 0 | 4 | 2 | 100 | 0 | 100 |
| BCA 136 | Statistical Analysis using Excel | SEC-1 | 0 | 4 | 2 | 100 | 0 | 100 |
| BCA 138 | Designing Lab Photoshop | SEC-1 | 0 | 4 | 2 | 100 | 0 | 100 |
| Core Course Practical | | | | | | | | |
| BCA 172 | Practical-IV WBP Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| BCA 174 | Practical - V DS Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| BCA 176# | Practical - VI DBMS Lab | Core Course Practical | 0 | 4 | 2 | 40 | 60 | 100 |
| Total | | | | | | 26 | | 900 |

*NUES (Non - University Examination Subject) - Only Internal Assessment by the Institute)

Generic Elective (GE) for other undergraduate programmes

TOTAL MARKS: 900

****Instructions for MOOC course**

- MOOC Course should be done from SWAYAM/NPTEL as per the guidelines of UGC.
- For securing the credits, the student is required to complete the assessment of the course and to provide the certificate of the course done from SWAYAM/NPTEL.

3. The fees (if any) for the registration and/or assessment of the MOOC course must be borne by the student only.

4. If the student secures more than 2 credits for the MOOC Course even then 2 credits shall be considered for this subject and the grade/marks provided by assessing authority shall be transferred to the university by the institution where the student is studying. The University's Examination Division shall take the result of the MOOC course on record and a result declared for these papers. The student must submit the result of such papers to their respective institution. All the results for the MOOC courses may be submitted before the completion of other requirements including credits requirement.


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SEMESTER WISE EVALUATION SCHEME

THIRD SEMESTER EXAMINATION

| Code No. | Paper | Course Type | L | T/P | Credits | Marks Internal | Marks External | | Max Marks |
|--|---|--------------------|---|-----|---------|----------------|----------------|----|-----------|
| | | | | | | | Th | Pr | |
| Core Course Theory | | | | | | | | | |
| BCA 201 | Computer Network | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 203 | Computer Organization and Architecture | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 205# | Object Oriented Programming with C++ | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| Ability Enhancement Compulsory Course (AECC) - Theory | | | | | | | | | |
| BCA 207 | Human Values and Ethics | AECC | 2 | 0 | 2 | 25 | 75 | 0 | 100 |
| *Discipline Specific Elective (Choose any One) (Theory/Practical) | | | | | | | | | |
| BCA 211# | Basics of Python Programming | DSE-1 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 251# | Basics of Python Programming Lab | DSE-1 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| BCA 213 | Cyber Security | DSE-1 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 253 | Cyber Security Lab | DSE-1 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| **Generic Elective (Choose any One) | | | | | | | | | |
| BCA 221 | Principles of Management & Organizational Behaviour | GE-1 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 223 | Open Elective offered by other Department/School /programme | GE-1 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| ***Skill Enhancement Course (AEEC) (Choose any One) | | | | | | | | | |
| BCA 231 | ****MOOC course from SWAYAM / NPTEL | SEC-2 | 0 | 0 | 2 | 100 | 0 | 0 | 100 |
| BCA 233 | Designing Lab CorelDraw | SEC-2 | 0 | 4 | 2 | 100 | 0 | 0 | 100 |

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| | | | | | | | | | |
|------------------------------|------------------------------|-----------------------------|---|---|----|-----|---|----|-----|
| BCA 235 | ASP.Net | SEC-2 | 0 | 4 | 2 | 100 | 0 | 0 | 100 |
| BCA 237 | AR/VR | SEC-2 | 0 | 4 | 2 | 100 | 0 | 0 | 100 |
| BCA 239 | Cyber Ethics | SEC-2 | 2 | 0 | 2 | 100 | 0 | 0 | 100 |
| Core Course Practical | | | | | | | | | |
| BCA 271# | Practical – VII C++ Lab # | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| Total | | | | | 27 | | | | 800 |

Generic Elective (GE) for other undergraduate programmes

* First Subject from Discipline specific chosen group

** Choose one subject from list of GE-1

*** NUES (Non – University Examination Subject) – Only Internal Assessment by the Institute) i.e. the assessment shall be conducted by the institution for all 100 marks as Teacher's Continuous Assessment

******Instructions for MOOC course**

1. MOOC Course should be done from SWAYAM/NPTEL as per the guidelines of UGC.
2. For securing the credits, the student is required to complete the assessment of the course and to provide the certificate of the course done from SWAYAM/NPTEL.
3. The fees (if any) for the registration and/or assessment of the MOOC course must be borne by the student only.
4. If the student secures more than 2 credits for the MOOC Course even then 2 credits shall be considered for this subject and the grade/marks provided by assessing authority shall be transferred to the university by the institution where the student is studying. The University's Examination Division shall take the result of the MOOC course on record and a result declared for these papers. The student must submit the result of such papers to their respective institution. All the results for the MOOC courses may be submitted before the completion of other requirements including credits requirement.

TOTAL MARKS: 800


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SEMESTER WISE EVALUATION SCHEME

FOURTH SEMESTER EXAMINATION

| Code No. | Paper | Course Type | L | T/P | Credits | Marks Internal | Marks External | | Max Marks |
|---|--|--------------------|---|-----|---------|----------------|----------------|----|-----------|
| | | | | | | | Th | Pr | |
| Core Course Theory | | | | | | | | | |
| BCA 202 | Java Programming | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 204 | Software Engineering | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | | |
| BCA 206 | Introduction to Management & Entrepreneurship Development | AECC | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| *Discipline Specific Elective (Choose any One) | | | | | | | | | |
| BCA 212 | Introduction to Data Science | DSE-2 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 252 | Introduction to Data Science Lab | DSE-2 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| BCA 214 | Introduction to Artificial Intelligence | DSE-2 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 254 | Introduction to Artificial Intelligence Lab | DSE-2 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| BCA 216 | Network Security | DSE-2 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 256 | Network Security Lab | DSE-2 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| BCA 218 | Web Development Using Python and Django | DSE-2 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 258 | Web Development Using Python and Django Lab | DSE-2 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| **Generic Elective (Choose any One) | | | | | | | | | |
| BCA 222 | Digital Marketing | GE-2 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 224 | Principles of Accounting | GE-2 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 226 | Open Elective offered by other Department/ School /programme | GE-2 | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| ***Skill Enhancement Course (AEEC) | | | | | | | | | |
| BCA 232 | Personality Development Skills | SEC-3 | 2 | 0 | 2 | 100 | 0 | 0 | 100 |

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| Core Course Practical | | | | | | | | | |
|-----------------------|------------------------------|--------------------------|---|---|----|----|---|----|------------|
| BCA 272 | Practical – VIII Java Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| BCA 274 | Practical – IX SE Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| Total | | | | | 27 | | | | 800 |

* Second Subject from Discipline specific chosen group

** Choose one subject from list of GE-2

*** NUES (Non – University Examination Subject) – Only Internal Assessment by the Institute) i.e. the assessment shall be conducted by the institution for all 100 marks as Teacher's Continuous Assessment

Summer Training will be held for 4 weeks after the end of fourth semester.
Viva-Voce will be conducted in fifth semester.

TOTAL MARKS: 800


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SEMESTER WISE EVALUATION SCHEME

FIFTH SEMESTER EXAMINATION

| Code No. | Paper | Course Type | L | T/P | Credits | Marks Internal | Marks External | | Max Marks |
|---|--------------------------------------|-----------------------|---|-----|---------|----------------|----------------|----|-----------|
| | | | | | | | Th | Pr | |
| Core Course Theory | | | | | | | | | |
| BCA 301 | Operating System & Linux Programming | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 303 | Computer Graphics | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 305 | Cloud Computing | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | | |
| BCA 307 | Minor Project | AECC | 0 | 8 | 4 | 40 | 0 | 60 | 100 |
| *Discipline Specific Elective (Choose any One) | | | | | | | | | |
| BCA 311 | Machine Learning with Python | DSE-3 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 351 | Machine Learning with Python Lab | DSE-3 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| BCA 313 | Web Security | DSE-3 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 353 | Web Security Lab | DSE-3 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| BCA 315 | Web Development with Java & JSP | DSE-3 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 355 | Web Development with Java & JSP Lab | DSE-3 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| Skill Enhancement Course (AECC) | | | | | | | | | |
| BCA 331 | **Summer Training Project | SEC-4 | 0 | 0 | 2 | 100 | 0 | 0 | 100 |
| Core Course Practical | | | | | | | | | |
| BCA 371 | Practical – X Linux - OS Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| BCA 373 | Practical – XI CG Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| Total | | | | | 27 | | | | 800 |

* Third Subject from Discipline specific chosen group

**NUES (Non – University Examination Subject) – Only Internal Assessment by the Institute)i.e. the assessment shall be conducted by the institution for all 100 marks as Teacher's Continuous Assessment.

SEMESTER WISE EVALUATION SCHEME

SIXTH SEMESTER EXAMINATION

| Code No. | Paper | Course Type | L | T/P | Credits | Marks Internal | Marks External | | Max Marks |
|---|--|-----------------------|------|-----|---------|----------------|----------------|----|-----------|
| | | | | | | | Th | Pr | |
| Core Course Theory | | | | | | | | | |
| BCA 302 | Data Ware Housing & Data Mining | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 304# | E- Commerce | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| BCA 306 | Internet of Things | Core Course Theory | 3 | 1 | 4 | 25 | 75 | 0 | 100 |
| Ability Enhancement Compulsory Course (AECC) | | | | | | | | | |
| BCA 308 | ***Major Project | AECC | ---- | 12 | 6 | 40 | 0 | 60 | 100 |
| *Discipline Specific Elective (Choose any One) | | | | | | | | | |
| BCA 312 | Data Visualization & Analytics | DSE-4 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 352 | Data Visualization & Analytics Lab | DSE-4 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| BCA 314 | Deep Learning with Python | DSE-4 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 354 | Deep Learning with Python Lab | DSE-4 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| BCA 316 | IT Act and Cyber Laws | DSE-4 | 4 | 1 | 5 | 25 | 75 | 0 | 100 |
| BCA 318 | Mobile Application Development | DSE-4 | 4 | 0 | 4 | 25 | 75 | 0 | 100 |
| BCA 356 | Mobile Application Development Lab | DSE-4 | 0 | 2 | 1 | 40 | 0 | 60 | 100 |
| ***Skill Enhancement Course (AEEC) | | | | | | | | | |
| BCA 332 | Seminar/ Conference Presentation | SEC - 5 | 0 | 0 | 2 | 100 | 0 | 0 | 100 |
| Core Course Practical | | | | | | | | | |
| BCA 372 | Practical - XII IOT Lab | Core Course Practical | 0 | 4 | 2 | 40 | 0 | 60 | 100 |
| S-BCA 374 | NSS / NCC / Cultural Clubs / Technical Society / Technical Clubs | Mandatory | 0 | 0 | 2 | 100 | 0 | 0 | 100 |
| Total | | | | | | 29 | | | 800 |

*Fourth Subject from Discipline specific chosen group.

** NUES (Non - University Examination Subject) - Only Internal Assessment by the Institute i.e. the assessment shall be conducted by the institution for all 100 marks as Teacher's

Continuous Assessment .Evaluation will be based on the presentation on any latest technology/research article in in-house/external seminar/conference and will be conducted by the college committee only.

***** The student shall do the Major project in the Discipline Specific Area/Curriculum based subject /any emerging technology.**

Generic Elective (GE) for other undergraduate programmes

S NUES (Non – University Examination Subject) Comprehensive evaluation of the students by the concerned coordinator of NCC / NSS / Cultural Clubs / Technical Society / Technical Clubs out of 100 marks as per evaluation schemes worked out by these societies / organizations at the institution / University level. The coordinators shall be responsible for the evaluation of the same. These activities shall start from the 1st semester and evaluation shall be conducted at the end of 6th semester for the students admitted in the first semester.

Note: Any Elective Subject will be offered if minimum 1/3 rd of the total strength of students in the class will opt for it.


DIRECTOR
UNIVERSITY INSTITUTE
OF MANAGEMENT & TECHNOLOGY
MAHER ROAD, MAHER
NEW DELHI-110047