

VI. CURRICULUM

Curricular Framework

The B.Sc. Nursing program is a four-year program comprising of eight semesters that is credit and semester based. It is choice based only for elective courses. Competency based curriculum is the main approach that is based on ten core competencies. The courses are categorized into foundational courses, core courses and elective courses. The curricular framework shown in Figure 2 depicts the entire course of curriculum, which is further outlined in the program structure.

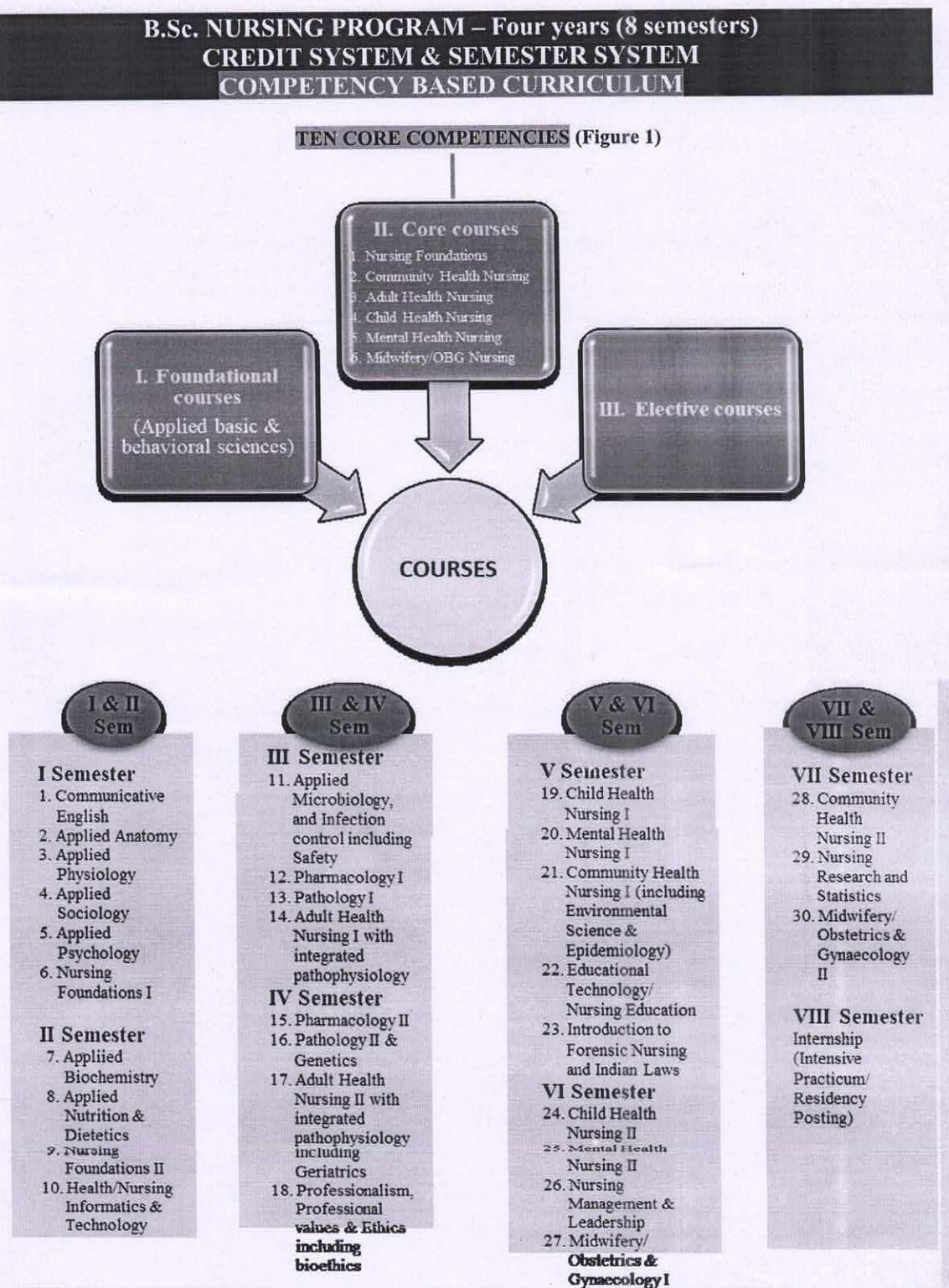


Figure 2. Curricular Framework

1. PROGRAM STRUCTURE

| B.Sc. Nursing Program Structure | | | |
|--|---|---|---|
| I Semester 1. Communicative English 2. Applied Anatomy 3. Applied Physiology 4. Applied Sociology 5. Applied Psychology 6. *Nursing Foundations I Mandatory Module *First Aid as part of Nursing Foundation I Course | III Semester 1. Applied Microbiology and Infection Control including Safety 2. Pharmacology I 3. Pathology I 4. *Adult Health (Medical Surgical) Nursing I with integrated pathophysiology Mandatory Module *BCLS as part of Adult Health Nursing I | V Semester 1. *Child Health Nursing I 2. Mental Health Nursing I 3. Community Health Nursing I (including Environmental Science & Epidemiology) 4. Educational Technology/Nursing Education 5. Introduction to Forensic Nursing and Indian Laws Mandatory Modules *Essential Newborn Care (ENBC), Facility Based Newborn Care (FBNBC), IMNCI and PLS as part of Child Health Nursing | VII Semester 1. Community Health Nursing II 2. Nursing Research & Statistics 3. Midwifery/Obstetrics and Gynecology (OBG) Nursing II Mandatory Modules *Safe delivery app under OBG Nursing I/II (VI/VII Semester) |
| II Semester 1. Applied Biochemistry 2. Applied Nutrition and Dietetics 3. *Nursing Foundations II 4. Health/Nursing Informatics & Technology Mandatory Module *Health Assessment as part of Nursing Foundation II Course | IV Semester 1. *Pharmacology II 2. Pathology II & Genetics 3. Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing 4. Professionalism, Professional Values & Ethics including Bioethics Mandatory Module *Fundamentals of Prescribing under Pharmacology II *Palliative care module under Adult Health Nursing II | VI Semester 1. Child Health Nursing II 2. Mental Health Nursing II 3. Nursing Management & Leadership 4. *Midwifery/Obstetrics and Gynecology (OBG) Nursing I Mandatory Module *SBA Module under OBG Nursing I/II (VI/VII Semester) | VIII Semester Internship (Intensive Practicum/Residency Posting) |

Note: No institute/University will modify the curriculum. However they can add units/subject in the syllabus as deemed necessary.

#Modules both mandatory and elective shall be certified by the institution/external agency.

MANDATORY MODULES

The prepared modules/modules outlined by the Council such as Health Assessment & Fundamentals of Prescribing and available modules as National Guidelines (First Aid – NDMA, IMNCI, ENBC, FBNBC), Palliative Care, Safe Delivery App and SBA module will be provided in separate learning resource package.

For BCLS, PLS – Standard national/international modules can be used.

ELECTIVE MODULES

Number of electives to be completed: 3 (Every module = 1 credit = 20 hours)

III & IV Semesters: To complete any **one** elective by end of 4th semester across 1st to 4th semesters

- Human values
- Diabetes care
- Soft skills

V & VI Semesters: To complete any **one** of the following before end of 6th semester

- CBT
- Personality development
- Addiction psychiatry
- Adolescent health
- Sports health
- Accreditation and practice standards
- Developmental psychology
- Menopausal health
- Health Economics

VII & VIII Semesters: To complete any **one** of the following before end of 8th semester

- Scientific writing skills
- Lactation management
- Sexuality & Health
- Stress management
- Job readiness and employability in health care setting

2. CURRICULUM IMPLEMENTATION: OVERALL PLAN

Duration of the program: 8 semesters

1-7 Semesters**One Semester Plan for the first 7 Semesters**

Total Weeks per Semester: 26 weeks per semester

Number of Weeks per Semester for instruction: 20 weeks (40 hours per week × 20 weeks = 800 hours)

Number of Working Days: Minimum of 100 working days (5 days per week × 20 weeks)

Vacation, Holidays, Examination and Preparatory Holidays: 6 weeks

Vacation: 3 weeks

Holidays: 1 week

Examination and Preparatory Holidays: 2 weeks

8th Semester

One semester: 22 weeks

Vacation: 1 week

Holidays: 1 week

Examination and Preparatory Holidays: 2 weeks

3. COURSES OF INSTRUCTION WITH CREDIT STRUCTURE

| S.No | Semester | Course Code | Course/Subject Title | Theor y credits | Theor y Conta ct hours | Lab/ Skill Lab credits | Lab/ Skill Lab Conta ct hours | Clinical credits | Clinic al Conta ct hours | Total credits | Total (hours) |
|------|----------|----------------|--|-----------------|------------------------|------------------------|-------------------------------|------------------|--------------------------|-------------------|---------------------|
| 1 | First | ENGL 101 | Communicative English | 2 | 40 | | | | | | 40 |
| | | ANAT 105 | Applied Anatomy | 3 | 60 | | | | | | 60 |
| | | PHYS 110 | Applied Physiology | 3 | 60 | | | | | | 60 |
| | | SOCI 115 | Applied Sociology | 3 | 60 | | | | | | 60 |
| | | PSYC 120 | Applied Psychology | 3 | 60 | | | | | | 60 |
| | | N-NF (I) 125 | Nursing Foundation I including First Aid module | 6 | 120 | 2 | 80 | 2 | 160 | 10 | 360 |
| | | SSCC (I) 130 | Self-study/Co-curricular | | | | | | | | 40+40 |
| | | | TOTAL | 20 | 400 | 2 | 80 | 2 | 160 | 20+2+2= 24 | 640+80 = 720 |
| 2 | Second | BIOC 135 | Applied Biochemistry | 2 | 40 | | | | | | 40 |
| | | NUTR 140 | Applied Nutrition and Dietetics | 3 | 60 | | | | | | 60 |
| | | N-NF (II) 125 | Nursing Foundation II including Health Assessment module | 6 | 120 | 3 | 120 | 4 | 320 | | 560 |
| | | HNIT 145 | Health/Nursing Informatics & Technology | 2 | 40 | 1 | 40 | | | | 80 |
| | | SSCC (II) 130 | Self-study/Co-curricular | | | | | | | | 40+20 |
| | | | TOTAL | 13 | 260 | 4 | 160 | 4 | 320 | 13+4+4=21 | 740+60 = 800 |
| 3 | Third | MICR 201 | Applied Microbiology and Infection Control including Safety | 2 | 40 | 1 | 40 | | | | 80 |
| | | PHAR (I) 205 | Pharmacology I | 1 | 20 | | | | | | 20 |
| | | PATH (I) 210 | Pathology I | 1 | 20 | | | | | | 20 |
| | | N-AHN (I) 215 | Adult Health Nursing I with integrated pathophysiology including BCLS module | 7 | 140 | 1 | 40 | 6 | 480 | | 660 |
| | | SSCC (I) 220 | Self-study/Co-curricular | | | | | | | | 20 |
| | | | TOTAL | 11 | 220 | 2 | 80 | 6 | 480 | 11+2+6=19 | 780+20 = 800 |
| 4 | Fourth | PHAR (II) 205 | Pharmacology II including Fundamentals of prescribing module | 3 | 60 | | | | | | 60 |
| | | PATH (II) 210 | Pathology II and Genetics | 1 | 20 | | | | | | 20 |
| | | N-AHN (II) 225 | Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing + Palliative care module | 7 | 140 | 1 | 40 | 6 | 480 | | 660 |

| S.No | Semester | Course Code | Course/Subject Title | Theor y credits | Theor y Conta ct hours | Lab/ Skill Lab credits | Lab/ Skill Lab Conta ct hours | Clinical credits | Clinic al Conta ct hours | Total credits | Total (hours) |
|------|----------------|----------------------|--|-----------------|------------------------|------------------------|-------------------------------|------------------|--------------------------|------------------|-------------------|
| | | PROF 230 | Professionalism, Professional Values and Ethics including bioethics | 1 | 20 | | | | | | 20 |
| | | SSCC(II) 220 | Self-study/Co-curricular | | | | | | | | 40 |
| | | | TOTAL | 12 | 240 | 1 | 40 | 6 | 480 | 12+1+6=19 | 760+40=800 |
| 5 | Fifth | N-CHN(I) 301 | Child Health Nursing I including Essential Newborn Care (ENBC), FBNC, IMNCI and PLS, modules | 3 | 60 | 1 | 40 | 2 | 160 | | 260 |
| | | N-MHN(I) 305 | Mental Health Nursing I | 3 | 60 | | | 1 | 80 | | 140 |
| | | N-COMH(I) 310 | Community Health Nursing I including Environmental Science & Epidemiology | 5 | 100 | | | 2 | 160 | | 260 |
| | | EDUC 315 | Educational Technology/Nursing Education | 2 | 40 | 1 | 40 | | | | 80 |
| | | N-FORN 320 | Introduction to Forensic Nursing and Indian laws | 1 | 20 | | | | | | 20 |
| | | SSCC(I) 325 | Self-study/Co-curricular | | | | | | | | 20+20 |
| | | | TOTAL | 14 | 280 | 2 | 80 | 5 | 400 | 14+2+5=21 | 760+40=800 |
| 6 | Sixth | N-CHN(II) 301 | Child Health Nursing II | 2 | 40 | | | 1 | 80 | | 120 |
| | | N-MHN(II) 305 | Mental Health Nursing II | 2 | 40 | | | 2 | 160 | | 200 |
| | | NMLE 330 | Nursing Management & Leadership | 3 | 60 | | | 1 | 80 | | 140 |
| | | N-MIDW(I)/ OBGN 335 | Midwifery/Obstetrics and Gynaecology (OBG) Nursing I including SBA module | 3 | 60 | 1 | 40 | 3 | 240 | | 340 |
| | | SSCC(II) 325 | Self-study/Co-curricular | | | | | | | | - |
| | | | TOTAL | 10 | 200 | 1 | 40 | 7 | 560 | 10+1+7=18 | 800 |
| 7 | Seventh | N-COMH(II) 401 | Community Health Nursing II | 5 | 100 | | | 2 | 160 | | 260 |
| | | NRST 405 | Nursing Research & Statistics | 2 | 40 | 2 | 80 (Project- 40) | | | | 120 |
| | | N-MIDW(II)/ OBGN 410 | Midwifery/Obstetrics and Gynaecology (OBG) Nursing II including Safe delivery app module | 3 | 60 | 1 | 40 | 4 | 320 | | 420 |

| S.No | Semester | Course Code | Course/Subject Title | Theor y credits | Theor y Conta ct hours | Lab/ Skill Lab credits | Lab/ Skill Lab Conta ct hours | Clinical credits | Clinic al Conta ct hours | Total credits | Total (hours) |
|------|------------------------------------|-------------|------------------------------------|-----------------------|------------------------------------|---------------------------------|--|---|--------------------------------------|------------------|---|
| | | | Self-study/Co-curricular | | | | | | | | - |
| | | | TOTAL | 10 | 200 | 3 | 120 | 6 | 480 | 10+3+6=19 | 800 |
| 8 | Eight (Internshi p) | INTE 415 | Community Health Nursing – 4 weeks | | | | | | | | |
| | | INTE 420 | Adult Health Nursing – 6 weeks | | | | | | | | |
| | | INTE 425 | Child Health Nursing – 4 weeks | | | | | | | | |
| | | INTE 430 | Mental Health Nursing – 4 weeks | | | | | | | | |
| | | INTE 435 | Midwifery – 4 weeks | | | | | | | | |
| | | | TOTAL = 22 weeks | | | | | 12 (1 credit = 4 hours per week per semester) | | | 1056 {4 hours × 22 weeks = 88 hours × 12 credits = 1056 hours} (48 hours per week × 22 weeks) |

1 credit theory – 1 hour per week per semester

1 credit practical/lab/skill lab/simulation lab – 2 hours per week per semester

1 credit clinical – 4 hours per week per semester

1 credit elective course – 1 hour per week per semester

Total Semesters = 8

(Seven semesters: One semester = 20 weeks × 40 hours per week = 800 hours)

(Eighth semester – Internship: One semester = 22 weeks × 48 hours per week = 1056 hours)

Total number of course credits including internship and electives – 156 (141+12+3)

Distribution of credits and hours by courses, internship and electives

| S.No. | Credits | Theory (Cr/Hrs) | Lab (Cr/Hrs) | Clinical (Cr/Hrs) | Total credits | Hours |
|-------|----------------|--------------------------|-----------------|----------------------|------------------|-------|
| 1 | Course credits | 90 credit per 1800 hours | 15/600 | 36/2880 | 141 | 5280 |
| 2 | Internship | | | | 12 | 1056 |

| | | | | | |
|---|------------------------------|--|--|-----|------|
| 3 | Electives | | | 3 | 60 |
| | TOTAL | | | 156 | 6396 |
| 4 | Self-study and Co-curricular | Saturdays (one semester = 5 hours per week × 20 weeks × 7 semesters = 700 hours) | | 12 | 240 |
| | | | | 35 | 700 |
| | | | | 47 | 940 |

Distribution of credits, hours and percentage for theory and practicum (Skill Lab & Clinical) across eight semesters

| S.No. | Theory & Practicum (Skill Lab & Clinical) | Credits | Hours | Percentage |
|-------|---|------------|-------------------|------------|
| 1 | Theory | 90 | 1800 | 28 |
| 2 | Lab/Skill Lab | 15 | 600 | 10 |
| 3 | Clinical | 36 | 3936 | 62 |
| | Total | 141 | 6336 hours | 100 |

Practicum (7 semesters) excluding internship

Lab/skill lab/simulation lab – 600 (17%)

Clinical – 2880 (83%)

Total – 3480

Lab/skill lab/simulation lab = 17% of the total practicum planned

Note: Besides the stipulated lab and clinical hours, a maximum of 13% (400-450 hours) from the clinical hours can be used in simulation lab/skill lab for skill lab/simulation learning and not to exceed 30% of total hours.

4. SCHEME OF EXAMINATION

The distribution of marks in internal assessment, End Semester College Exam, and End Semester University Exam for each course is shown below.

I SEMESTER

| S.No. | Course | Assessment (Marks) | | | | |
|-------|--|--------------------|---------------------------|------------------------------|-------|-------------|
| | | Internal | End Semester College Exam | End Semester University Exam | Hours | Total Marks |
| | Theory | | | | | |
| 1 | Communicative English | 25 | 25 | | 2 | 50 |
| 2 | Applied Anatomy & Applied Physiology | 25 | | 75 | 3 | 100 |
| 3 | Applied Sociology & Applied Psychology | 25 | | 75 | 3 | 100 |
| 4 | Nursing Foundations I | *25 | | | | |
| | Practical | | | | | |
| 5 | Nursing Foundations I | *25 | | | | |

***Will be added to the internal marks of Nursing Foundations II Theory and Practical respectively in the next semester (Total weightage remains the same)**

Example:

Nursing Foundations Theory: Nursing Foundations I Theory Internal marks in 1st semester will be added to Nursing Foundations II Theory Internal in the 2nd semester and average of the two semesters will be taken.

II SEMESTER

| S.No. | Course | Assessment (Marks) | | | | |
|-------|--|--|---------------------------|------------------------------|-------|-------------|
| | | Internal | End Semester College Exam | End Semester University Exam | Hours | Total Marks |
| | Theory | | | | | |
| 1 | Applied Biochemistry and Applied Nutrition & Dietetics | 25 | | 75 | 3 | 100 |
| 2 | Nursing Foundations (I & II) | 25 I Sem-25 & II Sem-25 (with average of both) | | 75 | 3 | 100 |
| 3 | Health/Nursing Informatics & Technology | 25 | 25 | | 2 | 50 |
| | Practical | | | | | |
| 4 | Nursing Foundations (I & II) | 50 I Sem-25 & II Sem-25 | | 50 | | 100 |

III SEMESTER

| S.No. | Course | Assessment (Marks) | | | | |
|-------|---|--------------------|---------------------------|------------------------------|-------|-------------|
| | | Internal | End Semester College exam | End Semester University Exam | Hours | Total marks |
| | Theory | | | | | |
| 1 | Applied Microbiology and Infection Control including Safety | 25 | | 75 | 3 | 100 |
| 2 | Pharmacology I and Pathology I | *25 | | | | |
| 3 | Adult Health Nursing I | 25 | | 75 | 3 | 100 |
| | Practical | | | | | |
| 4 | Adult Health Nursing I | 50 | | 50 | | 100 |

*Will be added to the internal marks of B

*Will be added to the internal marks of Pharmacology II and Pathology II & Genetics in the next semester (Total weightage remains the same).

IV SEMESTER

| S.No. | Course | Assessment (Marks) | | | | |
|-------|--|---|---------------------------|------------------------------|-------|-------------|
| | | Internal | End Semester College exam | End Semester University Exam | Hours | Total marks |
| | Theory | | | | | |
| 1 | Pharmacology & Pathology (I & II) and Genetics | 25 III Sem-25 & IV Sem-25 (with average of | | 75 | 3 | 100 |

| | | | | | | |
|---|---|-------|----|----|---|-----|
| | | both) | | | | |
| 2 | Adult Health Nursing II | 25 | | 75 | 3 | 100 |
| 3 | Professionalism, Ethics and Professional Values | 25 | 25 | | 2 | 50 |
| | Practical | | | | | |
| 4 | Adult Health Nursing II | 50 | | 50 | | 100 |

V SEMESTER

| S.No. | Course | Assessment (Marks) | | | | |
|-------|---|--------------------|---------------------------|------------------------------|-------|-------------|
| | | Internal | End Semester College exam | End Semester University Exam | Hours | Total marks |
| | Theory | | | | | |
| 1 | Child Health Nursing I | *25 | | | | |
| 2 | Mental Health Nursing I | *25 | | | | |
| 3 | Community Health Nursing I including Environmental Science & Epidemiology | 25 | | 75 | 3 | 100 |
| 4 | Educational Technology/Nursing Education | 25 | | 75 | 3 | 100 |
| 5 | Introduction to Forensic Nursing and Indian Laws | 25 | 25 | | 2 | 50 |
| | Practical | | | | | |
| 6 | Child Health Nursing I | *25 | | | | |
| 7 | Mental Health Nursing I | *25 | | | | |
| 8 | Community Health Nursing I | 50 | | 50 | | 100 |

*Will be added to the internal marks of Child Health Nursing II and Mental Health Nursing II in both theory and practical respectively in the next semester (Total weightage remains same).

VI SEMESTER

| S.No. | Course | Assessment (Marks) | | | | |
|-------|--------------------------------|--|---------------------------|------------------------------|-------|-------------|
| | | Internal | End Semester College exam | End Semester University Exam | Hours | Total marks |
| | Theory | | | | | |
| 1 | Child Health Nursing (I & II) | 25 Sem V-25 & Sem VI-25 (with average of both) | | 75 | 3 | 100 |
| 2 | Mental Health Nursing (I & II) | 25 Sem V-25 & Sem VI-25 (with average of both) | | 75 | 3 | 100 |

| | | | | | | |
|------------------|-------------------------------------|------------------------------------|--|----|---|-----|
| 3 | Nursing Management & Leadership | 25 | | 75 | 3 | 100 |
| 4 | Midwifery/Obstetrics & Gynecology I | *25 | | | | |
| Practical | | | | | | |
| 5 | Child Health Nursing (I & II) | 50 (Sem V-25 & Sem VI-25) | | 50 | | 100 |
| 6 | Mental Health Nursing (I & II) | 50 (Sem V-25 & Sem VI-25) | | 50 | | 100 |
| 7 | Midwifery/Obstetrics & Gynecology I | *25 | | | | |

*Will be added to Internal marks of Midwifery II theory and practical respectively in the next semester (Total weightage remains the same)

VII SEMESTER

| S.No. | Course | Assessment (Marks) | | | | |
|-------|---|--|------------------------------|---------------------------------|-------|----------------|
| | | Internal | End Semester College Exam | End Semester University Exam | Hours | Total marks |
| | Theory | | | | | |
| 1 | Community Health Nursing II | 25 | | 75 | 3 | 100 |
| 2 | Nursing Research & Statistics | 25 | | 75 | 3 | 100 |
| 2 | Midwifery/Obstetrics and Gynecology (OBG) Nursing (I & II) | 25 Sem VI-25 & Sem VII-25 (with average of both) | | 75 | 3 | 100 |
| | Practical | | | | | |
| 3 | Community Health Nursing II | 50 | | 50 | | 100 |
| 4 | Midwifery/Obstetrics and Gynecology (OBG) Nursing (I & II) | 50 (Sem VI-25 & Sem VII-25) | | 50 | | 100 |

VIII SEMESTER

| S.No. | Course | Assessment (Marks) | | | | |
|-------|-----------------------|--------------------|------------------------------|---------------------------------|-------|----------------|
| | | Internal | End Semester College Exam | End Semester University Exam | Hours | Total marks |
| | Practical | | | | | |
| 1 | Competency Assessment | 100 | | 100 | | 200 |