Saveetha College of Nursing

Saveetha Institute of Medical and Technical Sciences

B.Sc Nursing

Vision

To provide continuous quality nursing education with the integration of innovative technology and high quality scientific research to meet the expectations of the Nation and Globe.

Mission

The commitment to provide academic excellence: to promote and preserve the highest values and ethics of education in health care and in research to meet the expectations of society with greater humanity.

Saveetha Institute of Medical and Technical Sciences (SIMATS)

PO CO mapping for B.Sc(Nursing)

Program Outcome B.Sc(N)	
PO1	Apply knowledge from physical, biological and behavioral sciences, medicine including alternative systems and to provide high quality nursing care to individuals, families and communities
PO2:	Demonstrate understanding of life styles and other factors, which affect health of individuals and groups.
PO3:	Provide nursing care based on steps of nursing process in collaboration with individuals and groups.
PO4	Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
PO5	Utilize the latest trends and technology in providing health care.
PO6	Provide promotive, preventive and restorative health services in line with the National Health Policies and Programmes.
PO7	Practice within the frame work of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.
PO8	Communicate effectively with individuals and groups, and members of the health team in order to promote effective inter personal relationship and team work.
PO9	Demonstrate skills in teaching to individuals and groups in clinical and community health settings.
PO10	Participate effectively as members of the health team in health care delivery system
PO11	Demonstrate leadership and managerial skills in clinical / community health settings.
PO12	Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
PO13	Demonstrate awareness, interest, and contribute towards advancement of self and of the profession.

COURSE OUTCOME: BS1A - ANATOMY		
Course Outcome CODE	**Course Outcome**	**PO Mapping**
CO1	Introduce the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands	PO1, PO2, PO8, PO10
CO2	Apply the theoretical knowledge to differentiate the structure & function of bones and joints	PO2, PO8, PO10
CO3	Explain the structure and function of muscles	PO2, PO8, PO10
CO4	Characterize the structure & function of nervous system	PO2, PO8, PO10
CO5	Understand the structure & functions of sensory organs	PO2, PO8, PO10
CO6	Apply the theoretical knowledge to compare the structure & function of circulatory and lymphatic system	PO2, PO8, PO10
CO7	Discuss the structure & functions of respiratory system	PO2, PO8, PO10
CO8	Delineate the structure & functions of digestive system	PO2, PO8, PO10
CO9	Outline the structure & functions of excretory system	PO2, PO8, PO10
CO10	Detail the structure & functions of endocrine system	PO2, PO8, PO10
CO11	Describe the structure and functions of reproductive system	PO2, PO8, PO10
Summative/ Formative	**Outcome Evaluation (100 Marks)**	**PO CO Mapping**
ST	**End Year University Examination- (37 Marks)** Essay -1 x 15 = 15 Marks Short Questions -2 x 5 = 10 Marks Short Answer Question - 6 x 2 = 12 Marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10 CO11 PO1, PO2, PO8, PO10
FT	**Course work (12.5 Marks)** Class/ Unit/ Revision Exma-5 Record Note Book-2.5 Assignments-3	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10 CO11 PO1, PO2, PO8, PO10

	Personality-1 Attendance Percentage-1	

Legend:
ST-Summative Theory
FT-Formative Theory

RESULT ANALYSIS

Course Details: BS1A–Anatomy & Physiology			
Outcome Analysis			
Summative/ Formative	**Outcome Evaluation (100 Marks)**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	**End Year University Examination- (37 Marks)** Essay - 1 x 15 = 15 Marks Short Questions -2 x 5 = 10 Marks Short Answer Question - 6 x 2 = 12 Marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10 CO11 PO1, PO2, PO8, PO10	71%
FT	**Course work (12.5 Marks)** Class/ Unit/ Revision Exma-5 Record Note Book-2.5 Assignments-3 Personality-1 Attendance Percentage-1	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10 CO11 PO1, PO2, PO8, PO10	72%

Legend:
ST-Summative Theory
FT-Formative Theory

COURSE OUTCOME: BS1A - PHYSIOLOGY		
Course Outcome CODE	**Course Outcome**	**PO Mapping**
CO1	Familiarize the physiology of cell, tissues, membranes and glands	PO1, PO2, PO8, PO10
CO2	Unfold the key anatomical differences of bone formation and growth and movements of skeleton system	PO1, PO2, PO8, PO10
CO3	Differentiate the muscle movements, tone and demonstrate muscle contraction and tone	PO1, PO2, PO8, PO10

CO4	Apply the theoretical knowledge to compare the physiology of nerve stimulus, reflexes, brain, cranial, spinal nerves and demonstrating the reflex action and stimulus	PO1, PO2, PO8, PO10
CO5	Define the physiology of blood and functions of Heart. and inculcate the blood cell count, coagulation, grouping, Hb, BP and Pulse monitoring of the human body	PO1, PO2, PO8, PO10
CO6	Understand the physiology and mechanisms of respiration and to educate the skill in spirometry	PO1, PO2, PO8, PO10
CO7	Promote theoretical knowledge on physiology of digestive system and demonstrates BMR	PO1, PO2, PO8, PO10
CO8	Enhance the theoretical knowledge to describe the physiology of excretory system	PO1, PO2, PO8, PO10
CO9	Outline the physiology of sensory organs	PO1, PO2, PO8, PO10
CO10	Understand the physiology of endocrine glands	PO1, PO2, PO8, PO10
CO11	Delineate the physiology of male and female reproductive system	PO1, PO2, PO8, PO10
CO12	Apply the theoretical knowledge to the physiology of Lymphatic and Immunological System	PO1, PO2, PO8, PO10
Summative/ Formative	**Outcome Evaluation (100 Marks)** **Total marks (Summative-38, Formative-12.5)**	**PO CO Mapping**
ST	**End Year University Examination- (38 Marks)** Essay - 1 x 15 = 15 Marks Short Questions - 3 x 5 = 15 Marks Short Answer Question - 4 x 2 = 8 Marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10 CO11, CO12 PO1, PO2, PO8, PO10
FT	**Course work (12.5 Marks)** Class/ Unit/ Revision Exma-5 Model-2.5 Assignments-3 Personality-1 Attendance Percentage-1	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10 CO11 PO1, PO2, PO8, PO10

Legend:
ST-Summative Theory
SP-Sumative Practical
FT-Formative Theory
FP-Formative Practical

RESULT ANALYSIS

Course Details: BS1B – Nutrition & Biochemistry			
Outcome Analysis			
Summative/ Formative	**Outcome Evaluation (100 Marks)**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	**End Year University Examination- (45 Marks)** Essay - 1 x15= 15 Marks Short Notes - 4 x 5 =20 Marks Short Answer Question - 5 x 2 =10 Marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10 CO11 PO1, PO6, PO7, PO8, PO9	94%
FT	**Course work (12.5 Marks)** Class/ Unit/ Revision Exam - 5 Cooking demonstration & Diet - 3.5 Assignments-2 Personality-1 Attendance Percentage-1	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10 CO11 PO1, PO6, PO7, PO8, PO9	75%
Legend: **ST**-Summative Theory **FT**-Formative Theory			

Course Details : BS1B - Biochemistry		
Course Outcome CODE	**Course Outcome**	**PO Mapping**
CO1	To impart the knowledge of structure, composition and functions of cell, to differentiate between prokaryote and eukaryote cell and to identify the techniques of microscopy	PO1,PO4,PO13
CO2	To delineate the structure and functions of cell membrane	PO1,PO2,PO4,
CO3	To impart the advanced knowledge on the metabolism of carbohydrates	PO1,PO2,PO4

CO4	To elucidate the metabolism of lipids	PO1,PO4
CO5	To explain the metabolism of aminoacids and proteins	PO1,PO4
CO6	To describe types, composition and utilization of vitamins and minerals	PO1,PO2,PO4
CO7	To provide academic excellence in immunochemistry	PO1,PO2,PO4

Summative/ Formative	Outcome Evaluation (Summative – 30, Formative – 12.5)	PO CO Mapping
ST	**End University Examination- (30 Marks)** Essay (15X1=15 Marks) Short Questions (5X1=5 Marks) Short Answer Question (5X2=10 Marks)	CO1 to CO7 PO1,PO2,PO4, PO13
FT	**Internal Assessment: 12.5** Marks Formative tests -7.5 Assignment-2 Personality - 1 Attendance-1 Cycle preparation – 1	CO1 to CO7 PO1,PO2,PO4,PO9,PO10, PO13
Legend: **ST**-Summative Theory **FT**-Formative Theory		

RESULT ANALYSIS

Course Details: BS1B – BIOCHEMISTRY		
Outcome Analysis		
Summative/ Formative	Outcome Evaluation (100 Marks)	PO CO Mapping
ST	**End University Examination- (30 Marks)** Essay (15X1=15 Marks) Short Questions (5X1=5 Marks) Short Answer Question (5X2=10 Marks)	CO1 to CO7 PO1,PO2,PO4, PO13
FT	**Internal Assessment: 12.5** Marks Formative tests -7.5 Assignment-2 Personality - 1 Attendance-1 Cycle preparation – 1	CO1 to CO7 PO1,PO2,PO4,PO9,PO10, PO13
Legend:		

COURSE OUTCOME: BS1C - NURSING FOUNDATION		
Course Outcome CODE	**Course Outcome**	**PO Mapping**
CO1	Obtain highest values in the concept of health, illness and health care agencies to meet the expectations of society with greater humanity	PO1, PO6, PO10, PO11
CO2	Follow the professional values, code of ethics, scope of nursing, professional conduct in caring the individuals, family and society	PO1, PO4, PO7, PO9, PO11, PO13
CO3	Promote, perform and preserve the highest values in the admission and discharge in clinical settings	PO2, PO10, PO11
CO4	Provide performance excellence in communication and to maintain professional relationship with patient, families and society with greater humanity	PO4, PO8, PO10, PO11
CO5	Enhance the proficiency in the concept, uses, format and steps of nursing process	PO1, PO2, PO3, PO4, PO10, PO8, PO11
CO6	Preserve the highest technical values and ethics in recording and reporting in health care settings	PO5, PO8, PO10, PO11, PO13
CO7	Promote the competency in principles and techniques of monitoring and maintaining vital signs	PO1, PO2, PO3, PO4, PO8, PO9, PO10, PO11
CO8	Enhance and improve the competency in health assessment of each body system	PO1, PO2, PO3, PO4, PO8, PO9, PO10, PO11
CO9	Promote and sustain the highest technology in identifying the various machineries, equipments and their care	PO4, PO5
CO10	Promote the excellencies in meeting the basic, physiological and psychological needs of patient and incorporating it in performing nursing assessment, planning, implementation and evaluation in patient health care	PO1, PO2, PO3, PO4, PO8, PO9, PO10, PO11

CO11	Promote and preserve the competency in following the principles and techniques for infection control and biomedical waste management in supervised clinical settings	PO4, PO5, PO6, PO7, PO8
CO12	Enhance the drug competency in its principles, routes, effects, calculation and administration of medication by oral and parenteral routes.	PO1, PO2, PO3, PO4, PO8, PO9, PO10, PO11
CO13	Impart highest level of competency in wound healing, wound care and pre & post operative care of patients	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11
CO14	Impart highest knowledge in caring patients with alterations in body functioning	PO1, PO2, PO3, PO4, PO8, PO9, PO10, PO11
CO15	Improve the knowledge in implementing the ethics in care of terminally ill patient.	PO1, PO4, PO7, PO9, PO11
CO16	Promote the basic concepts of conceptual and theoretical models of Nursing.	PO12
Summative/ Formative	**Outcome Evaluation (300 Marks) Total marks (Summative-175, Formative-125)**	**PO CO Mapping**
ST	End University Examination- 75 Marks Essay (15X2=30 Marks) Short Questions (5X5=25 Marks) Short Answer Question (10X2=20 Marks)	CO1 to CO16 PO1 to PO13
FT	**Internal Assessment: 25** Marks Formative tests -15 Assignment-5 Personality - 1 Attendance-2 Extra Curricular activity -2	CO1 to CO16 PO1 to PO13
SP	**Total: 100 Marks** Practical exam -50 OSPE – 40 VIVA – 10	CO1 to CO16 PO1 to PO13

FP	**Internal Assessment -100 marks** Clinical evaluation - 10 Health education – 10 Nursing process – 10 Practical exams – 20 Logbook – 10 Lab activity -20 Personality -8 Attendance-8 Interpersonal relationship - 4	CO1 to CO16 PO1 to PO13

RESULT ANALYSIS

Course Details: BS1C – NURSING FOUNDATION			
Outcome Analysis			
Summative/ Formative	**Outcome Evaluation (300 Marks)**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	End University Examination-75 Marks Essay (15X2=30 Marks) Short Questions (5X5=25 Marks) Short Answer Question (10X2=20 Marks)	CO1 to CO16 PO1 to PO13	100%
FT	**Internal Assessment: 25 Marks** Formative tests -15 Assignment-5 Personality - 1 Attendance-2 Extra Curricular activity -2	CO1 to CO16 PO1 to PO13	75%
SP	**Total: 100 Marks** Practical exam -60 OSPE – 40	CO1 to CO16 PO1 to PO13	100%
FP	**Internal Assessment -100 marks** Clinical evaluation - 10 Health education – 10 Nursing process – 10 Practical exams – 20	CO1 to CO16 PO1 to PO13	76%

	Logbook – 10 Lab activity -20 Personality -8 Attendance-8 Interpersonal Relationship - 4		

COURSE OUTCOME: BS1D - PSYCHOLOGY		
Course Outcome CODE	**Course Outcome**	**PO Mapping**
CO1	To describe the history, scope and methods of human psychology	PO1,PO4,PO13
CO2	To impart the knowledge on biology of human behaviour	PO1,PO2,PO4,
CO3	To promote the understanding of various cognitive processes and their applications	PO1,PO2,PO4,PO8
CO4	To implement learning on motivation, emotions, stress, attitudes and their influence on behaviour	PO1,PO4,PO5, PO8
CO5	To promote and preserve clinical technological excellence in the concepts of personality and its influence on behaviour	PO1,PO4,PO5, PO10
CO6	To apply advanced knowledge of psychology of people during the life cycle	PO2, PO8, PO11
CO7	To enhance promotive and preventive mental health services, guidance & counselling and ego defence mechanism	PO1,PO2,PO4,PO9,PO10, PO13
CO8	To elaborate the psychological assessment and role of nurse among people	PO1,PO2,PO4,PO9,
Summative/ Formative	**Outcome Evaluation (100 Marks) Total marks (Summative-75, Formative-25)**	**PO CO Mapping**
ST	**End University Examination- (75 Marks)** Essay (15X2=30 Marks) Short Questions (5X5=25 Marks) Short Answer Question (10X2=20 Marks)	CO1 to CO8 PO1,PO2,PO4,PO9,PO10, PO13

FT	**Internal Assessment: 25** Marks Formative tests -15 Assignment-5 Personality - 1 Attendance-2 Extra Curricular activity -2	CO1 to CO8 PO1,PO2,PO4,PO9,PO10, PO13

Legend:
ST-Summative Theory
FT-Formative Theory

RESULT ANALYSIS

Course Details: BS1D - PSYCHOLOGY			
Outcome Analysis			
Summative / Formative	Outcome Evaluation (100 Marks) Total marks (Summative-75, Formative-25)	PO CO Mapping	Outcome Analysis 2021
ST	**End University Examination- (75 Marks)** Essay (15X2=30 Marks) Short Questions (5X5=25 Marks) Short Answer Question (10X2=20 Marks)	CO1 to CO8 PO1,PO2,PO4,PO9, PO10, PO13	98%
FT	**Internal Assessment: 25** Marks Formative tests -15 Assignment-5 Personality - 1 Attendance-2 Extra Curricular activity -2	CO1 to CO8 PO1,PO2,PO4,PO9, PO10, PO13	75%
Legend:			

Legend:
ST-Summative Theory
SP-Summative Practical
FT-Formative Theory
FP-Formative Practical

COURSE DETAILS: BS1E - MICROBILOGY		
Course Outcome CODE	COURSE OUTCOME	PO MAPPING
CO1	Elucidate the concepts and principles of microbiology and their importance in nursing to impart academic excellence	PO1, PO13

CO2	Promote high excellence in differentiating the structure, classification, morphology and growth of bacteria and to identify the microorganism	PO1, PO3, PO4
CO3	Describe the methods of infection control and identify the role of nurse in hospital infection control programme to preserve high quality nursing care	PO6, PO10
CO4	Develop competency to identify the different diseases producing organisms	PO3, PO10, PO12
CO5	Impart academic excellence in explaining the concept of immunity, hypersensitivity and immunization	PO1, PO3, PO9, PO10
Summative/ Formative	**OUTCOME EVALUATION (100 Marks) Total Score (75 Summative, 25 Formative marks)**	**PO CO MAPPING**
ST	**University Examination- (75 Marks)** Essay - 30 Marks Short Notes - 25 Marks Short Answer Question - 20 Marks	CO1, CO2, CO3, CO4, CO5 PO1, PO3, PO4, PO6, PO9, PO10,PO12, PO13
FT	**Internal - 25** Marks Class / Unit / Revision test-15 Assignment-5 Attendance-1 Lab Activity (Microscopic visualization)-3 Personality -1	CO1, CO2, CO3, CO4, CO5 PO1, PO3, PO4, PO6, PO9, PO10, PO12, PO13

Legend:
- **ST**-SUMMATIVE THEORY
- **FT**-FORMATIVE THEORY

RESULT ANALYSIS

Course Details: BS1E – MICROBIOLOGY			
Outcome Analysis			
Summative/ Formative	**Outcome Evaluation (100 Marks) Total Score (75 Summative, 25 Formative marks)**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	**University Examination- (75 Marks)**	CO1, CO2, CO3,	90%

	Essay - 30 Marks Short Notes - 25 Marks Short Answer Question - 20 Marks	CO4, CO5 PO1, PO3, PO4, PO6, PO9, PO10, PO12, PO13	
FT	**Internal - 25** Marks Class / Unit / Revision test-15 Assignment-5 Attendance-1 Lab Activity (Microscopic visualization)-3 Personality -1	CO1, CO2, CO3, CO4, CO5 PO1, PO3, PO4, PO6, PO9, PO10, PO12, PO13	72%

Legend:
- **ST**-SUMMATIVE THEORY
- **FT**-FORMATIVE THEORY

COURSE OUTCOME: BSIH - INTRODUCTION TO COMPUTERS		
Course Outcome CODE	**Course Outcome: Introduction to computers**	**PO Mapping**
CO1	Recognize and define various concepts used in computer and to impart excellence in the applications of computer in nursing.	PO13
CO2	Describe and utilize the Disk Operating System, and to illustrate excellence in use of MS office.	PO13, PO5, PO9
CO3	Demonstrate high excellence in using multimedia and to discover the features of computer aided teaching and testing	PO5, PO9, PO13
CO4	Exhibit academic excellence in use of internet and email	PO8, PO5
CO5	Delineate the use of statistical packages for high quality scientific research	PO12
CO6	Detail the use of Hospital Management System to achieve excellence in patient experience and clinical outcomes	PO8, PO10, PO11
Summative/ Formative	**OUTCOME EVALUATION (50 Marks)** **Total Score (50 Summative marks)**	**PO CO Mapping**

ST	**Total mark-50** Class / Unit test- 25 marks Practical (25 marks) Use of Disk Operating System-10 Use of MS office -10 Use of Mail and Internet-5	CO1, CO2, CO3, CO4, CO5, CO6 PO5, PO8, PO9, PO11, PO12, PO13
Legend: **ST**-Summative Theory		

RESULT ANALYSIS

Course Details: BS1H - Introduction to Computers			
Outcome Analysis			
Summative/ Formative	**OUTCOME EVALUATION (50 Marks)** **Total Score (50 Summative marks)**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	**Total mark-50** Class / Unit test- 25 marks Practical (25 marks) Use of Disk Operating System-10 Use of MS office -10 Use of Mail and Internet-5	CO1, CO2, CO3, CO4, CO5, CO6 PO5, PO8, PO9, PO11, PO12, PO13	100%
Legend: **ST**-Summative Theory			

B.Sc(N) II Year

COURSE DETAILS: BS2A SOCIOLOGY OUTCOME ANALYSIS			
SUMMATIVE / FORMATIVE	**OUT COME EVALUATION (100 MARKS)**	**PO, CO MAPPING**	**OUT COME ANALYSIS 2021**
ST	**University Examination- (75 Marks)** Essay - 30 Marks Short Notes - 25 Marks Short Answer Question - 20 Marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12. PO2, PO5, PO12,PO8, PO5, PO1, PO7, PO8, PO3, PO1, PO4, PO12, P12.	100%
FT	End of University examination Internal (25 marks) Class test-3 mark , Unit test-3 mark, Revision test- 4 marks Model exam-5 mark, Seminar-2 marks Assignment- 2 marks Role play- 2 mark Attendance- 2 marks Self activity-2 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12. PO2, PO5, PO12,PO8, PO5, PO1, PO7, PO8, PO3, PO1, PO4, PO12, P12.	75%
LEGEND **ST-summative** **FT-Formative**			

PROGRAM OUTCOME CODE	COURSE OUTCOME BS2B PHARMACOLOGY	PROGRAM OUTCOME
CO1	Apply knowledge from biological science in relation with pharmaco-dynamics, pharmaco-kinetics classification and principles of drug administration.	PO1

CO2	Demonstrate interest towards chemotherapy of specific infection and infestation and nurse responsibility.	PO9, PO11, PO13
CO3	Demonstrate skill in administering medication, antiseptics, disinfectants, insecticides, and nurses responsibilities.	PO9, PO7
CO4	Participate effectively in administering drugs on gastro-intestinal system and nurses responsibilities.	PO10, PO13
CO5	Utilize the trends and technology drugs used on respiratory system and nurses responsibilities.	PO5, PO13
CO6	Illustrate interest related to drugs used for urinary system and nurses responsibilities.	PO4, PO13
CO7	Demonstrate skill in related to drugs used in de-addition, emergency, deficiency of vitamins and minerals, poisoning, immunization and immune-suppression and nurses responsibilities	PO4, PO5, PO7
CO8	Enumerate effectively in relation with drugs used on skin and mucus membranes and nurses responsibilities.	PO13, PO10
CO9	Practice skill in regarding drugs used in nervous system and nurses responsibilities	PO7, PO3, PO2
CO10	Participate effectively in administering drugs used for cardio-vascular system and nurses responsibilities	PO7, PO9
CO11	Recognize the need for drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy and nurses responsibility	PO10
CO12	Demonstrate awareness interest and contribute towards common drugs used in alternative system of medicine	PO7, PO13

EVALUATION

COURSE OUTCOME EVALUATION

SUMMATIVE / FORMATIVE	OUT COME EVALUATION (51 MARKS)	PO, CO MAPPING

ST	End of the University examination – (38 marks) Eassy-15 marks Short questions- 15 marks Short answer questions-8 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12. PO1, PO11, PO13, PO9, PO7, PO10, PO13, PO5, PO13, PO4, PO13, PO4, PO5, PO7, PO13, PO10,PO7, PO3, PO2, PO7, PO9, PO10, PO7, PO13.
FT	Internal (13 marks) Class, unit, revision, model exam -(8 marks) Seminar, Assignment, attendance, (5 marks)	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12. PO1, PO11, PO13, PO9, PO7, PO10, PO13, PO5, PO13, PO4, PO13, PO4, PO5, PO7, PO13, PO10,PO7, PO3, PO2, PO7, PO9, PO10, PO7, PO13.
LEGEND **ST-**summative **, FT-**Formative		

RESULT ANALYSIS

OUT COME ANALYSIS			
SUMMATIVE / FORMATIVE	**OUT COME EVALUATION (51 MARKS)**	**PO, CO MAPPING**	**OUT COME ANALYSIS 2021**
ST	End of University examination Eassy-15marks Short questions-15 marks Short answer questions-8 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12. PO1, PO11, PO13, PO9, PO7, PO10, PO13, PO5, PO13, PO4, PO13, PO4, PO5, PO7, PO13, PO10,PO7, PO3, PO2, PO7, PO9, PO10, PO7, PO13.	100%

		PO5, PO7, PO13, PO10,PO7, PO3, PO2, PO7, PO9, PO10, PO7, PO13.	
FT	End of university examination Internal (25 marks) Class test-2 mark , Unit test-2 mark, Revision test- 2 marks Model exam-2 mark, Seminar-2 marks Assignment- 2 marks Attendance- 1 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12. PO1, PO11, PO13, PO9, PO7, PO10, PO13, PO5, PO13, PO4, PO13, PO4, PO5, PO7, PO13, PO10,PO7, PO3, PO2, PO7, PO9, PO10, PO7, PO13.	75%

LEGEND
ST-summative
FT-Formative

PROGRAM OUTCOME CODE	COURSE OUTCOME BS2A PATHOLOGY	PROGRAM OUTCOME
CO1	Communicate effectively related to common terms used in pathology appreciate the deviation from normal to abnormal structures and functions of body system	PO8
CO2	Demonstrate interest, awareness and contribute towards pathological changes in disease condition of various systems	PO13, PO4
CO3	Demonstrate skill in various laboratory test in assessment monitoring of disease condition	PO4, PO10

CO4	Demonstrate interest towards the laboratory test for examination of body cavity fluids, transudates.	PO13, PO9
CO5	Practice in implementing the laboratory test for examination of urine and feces	PO7, PO13, PO9

EVALUATION

COURSE OUTCOME EVALUATION

SUMMATIVE / FORMATIVE	OUT COME EVALUATION (31 MARKS)	PO, CO MAPPING
ST	End of the University examination – (25 marks) Eassy-15 marks Short questions- 5 marks	CO1, CO2, CO3, CO4, CO5. PO8, PO13, PO4, PO4, PO10, PO13, PO9, PO7, PO13, PO9.
FT	Internal (6 marks) Class, unit, revision, model exam -(4 marks) Assignment, attendance -(2 marks)	CO1, CO2, CO3, CO4, CO5. PO8, PO13, PO4, PO4, PO10, PO13, PO9, PO7, PO13, PO9.
LEGEND **ST-**summative **, FT-**Formative		

RESULT ANALYSIS

OUT COME ANALYSIS			
SUMMATIVE / FORMATIVE	OUT COME EVALUATION (31 MARKS	PO, CO MAPPING	OUT COME ANALYSIS 2021

ST	End of University examination Eassy-15 marks Shortquestions-5 marks	CO1, CO2, CO3, CO4, CO5. PO8, PO13, PO4, PO4, PO10, PO13, PO9, PO7, PO13, PO9.	100%
FT	End of University examination Internal (6 marks) Class test-1 mark , Unit test-1 mark, Revision test- 1 marks Model exam-1 mark, Assignment- 1 marks Attendance- 1 marks	CO1, CO2, CO3, CO4, CO5. PO8, PO13, PO4, PO4, PO10, PO13, PO9, PO7, PO13, PO9.	75%
LEGEND **ST-summative** **FT-Formative**			

PROGRAM OUTCOME CODE	COURSE OUTCOME BS2B GENETICS	PROGRAM OUTCOME
CO1	Apply knowledge regarding the nature principles, perspectives of hereditary	PO1
CO2	Communicate effectively related to maternal, pre natal and genetic influences on development of defect and diseases.	PO8, PO7
CO3	Demonstrate skills in screening method for genetic defect and disease in neonate and children.	PO9, PO11
CO4	To conduct need based research study to identify genetic disorder in adolescent and adult	PO12, PO5
CO5	Participate effectively in implementing the role of nurse in genetic services and counseling.	PO10, PO4, PO5

COURSE OUTCOME EVALUATION

SUMMATIVE / FORMATIVE	OUT COME EVALUATION (18 MARKS)	PO, CO MAPPING
ST	University examination – (12marks) Short answer questions- 12 marks	CO1, CO2, CO3, CO4, CO5. PO1, PO8, PO7, PO9, PO11, PO12, PO5, PO10, PO4, PO5.
FT	Internal (6 marks) Class, unit, revision, model exam -(4 marks) Assignment, attendance -(2 marks)	CO1, CO2, CO3, CO4, CO5. PO1, PO8, PO7, PO9, PO11, PO12, PO5, PO10, PO4, PO5.
LEGEND **ST-**summative **, FT-**Formative		

RESULT ANALYSIS

OUT COME ANALYSIS			
SUMMATIVE / FORMATIVE	OUT COME EVALUATION (18 MARKS)	PO, CO MAPPING	OUT COME ANALYSIS 2021
ST	End of University examination Short answer questions-12 marks	CO1, CO2, CO3, CO4, CO5. PO1, PO8, PO7, PO9, PO11, PO12, PO5, PO10, PO4, PO5.	100%
FT	End of University examination Internal (6 marks) Class test-1 mark , Unit test-1 mark, Revision test- 1 marks Model exam-1 mark, Assignment- 1 marks Attendance- 1 marks	CO1, CO2, CO3, CO4, CO5. PO1, PO8, PO7, PO9, PO11, PO12, PO5, PO10, PO4, PO5.	75%
LEGEND **ST-summative** **FT-Formative**			

Course Outcome CODE	Course Outcome: BS2C Medical Surgical Nursing - I	Programme Outcome(PO)
CO1	Appreciate the trends and concepts in medical and surgical nursing	PO1, PO2
CO2	Specify the Common signs and symptoms and Expertise in management of Fluid and electrolyte imbalance	PO3
CO3	Ability to apply knowledge and excellence in the management of patient with respiratory disorders.	PO3,PO4,PO5,PO7,PO8,PO11
CO4	Comprehend and develop proficiency skill in management of patient with Digestive disorders.	PO3,PO4,PO5,PO7,PO8
CO5	Develop Theoretical excellence in understanding and delivering the care of patient with CardioVascular Disorder.	PO3,PO4,PO5,PO7,PO8
CO6	Apply the competent skill in managing genito urinary problems and preserve professional values and ethics in providing nursing care.	PO3,PO4,PO5,PO7,PO8
CO7	Expertise in management of patients with disorders of male reproductive system .	PO3,PO4,PO5,PO7,PO8
CO8	Enhancing the students to develop the professional skills and academic excellence in providing care of patients with disorders of endocrine system	PO3,PO4,PO5,PO7,PO8
CO9	Intensify the students to develop desirable skill in management of patient with Skin disorders.	PO3,PO4,PO5,PO7,PO8
CO10	Strengthen the student in develop readiness to deliver care of patient with musculoskeletal disorder.	PO3,PO4,PO5,PO7,PO8
CO11	Emphasize the students develop knowledge on immunological system to preserve the professional values and ethics during handling of patient with Immunological Disorder	PO3,PO4,PO5,PO7,PO8
CO12	Ability to implement knowledge and expertise skill in management of patient with Communicable disease.	PO3,PO4,PO5,PO7,PO8
CO13	Expertise in Design the Organization and physical set up of operation theatre and Identify the various instruments used for common surgical procedures .	PO4, PO5, PO7, PO11

Course Outcome Evaluation:

Summative / Formative	Outcome Evaluation (300 Marks)	PO CO Mapping
ST	**University Examination- (75 Marks)** Essay 30 Marks Short Questions 25 Marks Short Answer Question 20 Marks	CO1,CO2,CO3,CO4,CO5,CO6,CO7,CO8, CO9,CO10,CO11,CO12,CO13, PO1,PO2,PO3,PO4,PO5,PO7,PO8,PO11
FT	**Internal 25 Marks** Theory -15 Assignment-5 Attendance-2 Extra Curricular -2 Personality -1	CO1,CO2,CO3,CO4,CO5,CO6,CO7,CO8, CO9,CO10,CO11,CO12,CO13, PO1,PO2,PO3,PO4,PO5,PO7,PO8,PO11
SP	**Total 100 Marks** Nursing process-35 marks IPR-5marks OSCE-50marks VIVA-10marks	CO2,CO3,CO4,CO5,CO6,CO7,CO8,CO9, CO10,PO3,PO4,PO5,PO7,PO8,PO11
FP	**Internal -100 marks** Over all Average -70 marks Procedure -10 marks Attendance-4 marks Personality -8marks IPR-8 marks	CO2,CO3,CO4,CO5,CO6,CO7,CO8,CO9, CO10,PO3,PO4,PO5,PO7,PO8,PO11
Legend: ST- SUMMATIVE THEORY, **SP**-SUMMATIVE PRACTICAL,**FT**-FORMATIVE THEORY, **FP**-FORMATIVE PRACTICAL		

COURSE OUTCOME CODE	COURSE OUTCOME BS2D -COMMUNITY HEALTH NURSING I	PROGRAMME OUT COME
CO1	To improve high quality of scientific research In applying dimensions of health and measurement of health and disease ,vital statistics	PO4
CO2	To promote and preserve the determinants of health ,Act regulating the environment.	PO7
CO3	To provide quality nursing education related to concept, scope, uses ,methods and approaches of epidemiology	PO5
CO4	To develop integration of innovative technology in implementing the epidemiological and nursing management of common communicable disease.	PO3
CO5	To mention and incorporate the integration of innovative technology in implementing the epidemiological and nursing management of common non-communicable disease.	PO2
CO6	To provide excellence in formulating concepts and scope of demography, methods, data collection, analysis and interpretation of demographic data	PO5 PO7
CO7	To find out innovative technology in enumerating the impact of population explosion in India, population control	PO10 PO11
COURSE OUTCOME CODE	COURSE OUTCOME COMMUNITY HEALTH NURSING	PROGRAMME OUT COME
CO1	To improve high quality of scientific research In applying dimensions of health and measurement of health and disease ,vital statistics	PO4

CO2	To promote and preserve the determinants of health ,Act regulating the environment.	PO7
CO3	To provide quality nursing education related to concept, scope, uses ,methods and approaches of epidemiology	PO5
CO4	To develop integration of innovative technology in implementing the epidemiological and nursing management of common communicable disease.	PO3
CO5	To mention and incorporate the integration of innovative technology in implementing the epidemiological and nursing management of common non-communicable disease.	PO2
CO6	To provide excellence in formulating concepts and scope of demography, methods, data collection, analysis and interpretation of demographic data	PO5 PO7
CO7	To find out innovative technology in enumerating the impact of population explosion in India, population control	PO10 PO11

RESULT ANALYSIS

OUT COME ANALYSIS			
SUMMATIVE / FORMATIVE	**OUT COME EVALUATION (100 MARKS)**	**PO, CO MAPPING**	**OUT COME ANALYSIS 2021**
ST	End of University examination Eassy-30 marks Short questions-25 marks Shortanswer questions-20 marks	CO1,CO2,CO3,CO4,CO5, CO6,CO7 PO4,PO7,PO5, PO3,PO2, PO5,PO7,PO10,PO11, PSO1	100%
FT	End of University	CO1,CO2,CO3,CO4,CO5,	75%

| | | examination internal (25 marks) class-2 mark , unit-2 mark, revision- 2marks survey-2 mark, field visit-2 mark, seminar-2 marks health education-3 mark preparation of AV-aids-2marks | CO6,CO7 PO4,PO7,PO5, PO3,PO2, PO5,PO7,PO10,PO11, PSO1 | |

LEGEND
ST-summative
FT-Formative

COURSE DETAILS: BS2E-COMMUNICATION, EDUCATION, & TECHNOLOGY		
COURSE OUTCOME		PO MAPPING
CO1	Describe the effective communication process and various methods to provide high values in Communication, Education & Technology	PO8,
CO2	Establishes effective interpersonal and human relations with patients, family and health team members to impart academic excellence in managing social Problems	PO2,PO3,PO11,PO1,PO5,PO7
C03	Acquire knowledge on concepts, Principles on guidance & Counselling	PO11,PO4,
C04	Understand the philosophy, principles of education and teaching learning process to promote and sustain nursing research to impart evidence based nursing nursing education	PO8,PO9
CO5	Demonstrate teaching skills using various teaching methods in classroom, clinical and community setup using different methods and media to follow the professional value of ethics in caring for individual, family and Society	PO6,PO9PO10,PO2,PO3,PO1,PO5
C06	Demonstrate skill in preparing different types of	PO13,PO12

SUMMATIVE/ FORMATIVE	COURSE OUTCOME EVALUATION (100 MARKS) Total Score (75 Summative, 25 formative marks)	PO CO Mapping
	assessment tools for knowledge attitude and skill	
ST	End Semester University Examination Essay type (30 marks)	PO13,PO12,CO6
ST	End Semester University Examination Short Questions (SQs-25Marks)	PO13, PO12, CO6
ST	End Semester University Examination (Short Answer Questions SAQ's-20Marks)	PO13,PO12,CO6
FT	25 Marks Theory 15- Unit Test, Model Exam Assignment- 5 Microteaching, Non-Projected Audio Visual Aids , Role Play on Counseling, Health Education, Preparation of Assessment Tool Attendance- 2, Extra Curricular -2, Personality -1)	PO13,PO12,CO6

Legend:
- ST SUMMATIVE THEORY
- FT FORMATIVE THEORY

II. RESULT ANALYSIS:

Course Details: Communication, Education & Technology			
Outcome Analysis			
Summative/ Formative	Outcome Evaluation (100Marks)	PO CO Mapping	Outcome Analysis 2021
ST	End Semester University Examination Essay type(30 marks) (SQs)(25Marks) (SAQs) (20Marks)	PO13,PO12,CO6	100%
FT	25 Marks Theory 15- Unit Test, Model Exam	PO13,PO12,CO6	75%

	Assignment- 5 Microteaching, Non-Projected Audio Visual Aids , Role Play on Counselling, Health Education, Preparation of Assessment Tool Attendance- 2, Extra Curricular -2, Personality -1)		

B.Sc(N) III Year

Course Outcome CODE	Course Outcome: Medical and Surgical Nursing II	Programme outcome (PO)
CO1	Ability to apply knowledge in the Nursing management of patients with ENT disorders.	P03,PO4,PO5,PO7,PO8,P011
CO2	Apply the competent skill in management of patients with eye disorders.	PO3,PO4,PO5,PO7,PO8,PO13
CO3	Enhancing the students to develop the professional skills and academic excellence in providing care of patients with neurological disorders.	PO3,PO4,PO5,PO7,PO8
CO4	Expertise in management of patients with female reproductive system.	PO3,PO4,PO5,PO7,PO8
CO5	Intensify the students in develop desirable skill management of patients with burns, reconstructive and cosmetic surgery.	PO2,P03,PO4,PO5,P07
CO6	Comprehend and develop proficiency skill in management of patients with oncological conditions.	PO3,PO4,PO5,PO7,PO8
CO7	Ability to implement knowledge and expertise skill management emergency and disaster services.	PO3,PO4,PO5,PO7,PO8,PO13
CO8	Specify the common problems on aging and Nursing care of elderly patients	P03
CO9	Develop the theoretical and practical excellence in understanding in critical nursing care	PO3,PO4,PO5,PO7,PO8,PO11
CO10	Emphasize the students develop knowledge occupational and industrial disease	PO3,PO4,PO5,PO7,PO8,PO11,PO13

Course Outcome Evaluation:

Summative/ Formative	Outcome Evaluation (250 Marks)	PO -CO Mapping
ST	**University Examination- (75 Marks)** Essay -30 Marks Short Questions -25 Marks Short Answer Question- 20 Marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8,CO9,CO10,PO2,PO3,PO4,PO5,PO7,PO8,PO9,PO11,PO13
FT	**Internal -25 Marks** Theory -15 Assignment-5 Attendance-2 Extra Curricular -2 Personality -1	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8,CO9,CO10,PO2,PO3,PO4,PO5,PO7,PO8,PO9,PO11,PO13
SP	**TOTAL -100 Marks** **Internal Examiner – 50 marks** Nursing Assessment -5 planning-5, Evaluation -5 OSCE-30 VIVA-5 **External Examiner -50** Nursing Assessment -5 planning-5, Evaluation -5 OSCE-30 VIVA-5	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8,CO9,CO10,PO2,PO3,PO4,PO5,PO7,PO8,PO9,PO11,PO13
FP	**Internal -50 marks** Model exam-30 marks Procedure -10 marks Attendance-4 Extra Curricular -4 Personality -2	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8,CO9,CO10,PO2,PO3,PO4,PO5,PO7,PO8,PO9,PO11,PO13

Legend:ST-SUMMATIVE THEORY, **SP**-SUMATIVE PRACTICAL,**FT**-FORMATIVE THEORY, **FP**-FORMATIVE PRACTICAL

Result Analysis

	COURSE DETAILS BS3A -MEDICAL SURGICAL NURSING-II OUTCOME ANALYSIS		
Summative/ Formative	**Outcome Evaluation (250 Marks)**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	**University Examination- (75 Marks)** Essay Short notes Short Answer Question	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8,CO9,CO10,PO2,PO3, PO4,PO5,PO7,PO8,PO9,PO11,PO13	100%
FT	**Internal -25 Marks** Theory ,Assignment, Attendance, Extra Curricular ,Personality	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8,CO9,CO10,PO2,PO3, PO4,PO5,PO7,PO8,PO9,PO11,PO13	75%
SP	**TOTAL -100 Marks** **Internal Examiner – 50 marks** NursingAssessment,planning, Evaluation ,OSCE,VIVA **External Examiner -50** NursingAssessment planning,Evaluation,OSCE, VIVA	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8,CO9,CO10,PO2,PO3, PO4,PO5,PO7,PO8,PO9,PO11,PO13	100%
FP	**Internal -50 marks** Modelexam,Procedure ,Attendance, Extra Curricular, Personality	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8,CO9,CO10,PO2,PO3, PO4,PO5,PO7,PO8,PO9,PO11,PO13	75%
Legend:ST-SUMMATIVE THEORY, **SP**-SUMATIVE PRACTICAL,**FT**-FORMATIVE THEORY, **FP**-FORMATIVE PRACTICAL			

Course Outcome CODE	Course Outcome : BS3B Child Health Nursing	Programme Outcome CODE
CO1	To develop modern approaches in providing high quality of child care and utilize it in clinical practice.	PO1,PO3,PO4,PO5
CO2	To estimate the normal growth & development and identify its needs of children in clinical settings.	PO2
CO3	To provide care for normal & high risk neonates and manage common neonatal problems	PO1,PO3,PO4,PO8
CO4	To describe the Integrated management of neonatal and childhood illness	PO6,PO10
CO5	To recognize and manage common health problems and also measures taken to prevent common childhood diseases.	PO1,PO2,PO3,PO4,PO5,PO6
CO6	To treat the child with behavioural & social problems of children and to apply the preventive measures.	PO1,PO2,PO3,PO4,PO8,PO10
	Outcome Evaluation (200 Marks) Total Score (125 Summative, 75 formative marks)	**PO CO Mapping**
ST	End Semester University Examination Essay type (30 marks)	CO1,CO2,CO3,CO4,CO5,CO6, PO1 PO2, PO4, PO5,PO6,PO8
ST	End Semester University Examination (SQs) (25Marks)	CO2,CO3,CO5, PO1,PO2, PO4, PO5,PO6,PO8
ST	End Semester University Examination (SAQs) (20Marks)	CO1, CO2,CO3,CO5, PO1,PO2, PO4, PO5,PO6,PO8
SP	**TOTAL 50 Marks** Practical (50 marks) History Collection & Physical Examination (10), Nursing process (10),Procedure skills(10) Health Education(3), Communication skill (2)	CO1,CO2,CO3,CO4,CO5,CO6, PO1,PO2,PO3,PO4,PO5,PO6, PO8
SO	OSCE (5 marks)	CO1,CO2,CO3,CO4,CO5,CO6, PO1,PO2,PO3,PO4,PO5,PO6, PO8
SV	Viva (5 Marks)	CO3,CO4,CO5,CO6, PO1, PO3, PO5, PO6, PO7, PO8, PO9, PO12
FP	Clinical Requirement – 50 marks Clinical Presentation (5), Case Study (5), Care plan(5),Clinical Presentation (5), Drug presentation (5), Clinical Performance Appraisal (5),	PO1, PO3, PO5, PO6, PO7, PO8, PO9, PO12

	Health Education (5), Log book requirement (5),Clinical evaluation(10)	

II. Result analysis:

Course Details: Child Health Nursing			
Outcome Analysis			
Summative/ Formative	**Outcome Evaluation (100Marks)** **Summative :75,Formative:25**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	End Semester University Examination Essay type (30 marks) (SQs) (25Marks) (SAQs) (20Marks)	CO1,CO2,CO3,CO4,CO5,CO6,PO1 PO2, PO4, PO5,PO6,PO8	100%
FT	25 Marks Theory 15- Unit Test, Model Exam Assignment- 5 Microteaching, Non-Projected Audio Visual Aids , Role Play on Counselling, Health Education, Preparation of Assessment Tool Attendance- 2, Extra Curricular -2, Personality -1)	CO1, CO2,CO3,CO5, PO1,PO2, PO4, PO5,PO6,PO8	75%
Legend: **ST**-SUMMATIVE THEORY, **FT**-FORMATIVE THEORY			

COURSE DETAILS:BS3C MENTAL HEALTH NURSING	
Course Outcome	**Program Outcome mapping**
CO1	Recognize the historical development, current trends and issues, nature, scope and concept of behavior used to understand the ancient and existing ethical practice in Psychiatric Nursing by eliminating ancient myths for enhancing better community mental health life.	PO1, PO5, PO8, PO13
CO2	Incorporate principles, concepts and models used in Psychiatric Nursing to inculcate adequate understanding about various paradigm of mental health care.	PO2, PO6
CO3	Comment on the assessment methods and investigations used in psychiatry to bring out the effective and accurate diagnosis by evidenced based practice for advanced mental health care.	PO4, PO6, PO12
CO4	Appraise therapeutic communication techniques, relationship with the patient, impasses and its intervention to enhance the communication skills that act as therapeutic tool focusing on humanitarian approach for mentally ill individuals.	PO7, PO8, PO9, PO10, PO13
CO5	Illustrate the role of nurse in treatment modalities and therapies used for mental disorders to bring out advanced treatment outcome within ethical boundary that provide harmonious development among individuals in both clinical and community settings.	PO1, PO3
CO6	Describe the Nursing Management of patients with schizophrenia and other psychotic disorders to render high quality nursing care to individuals, families and community.	PO1, PO2, PO3, PO5, PO9
CO7	Explain the Nursing Management of patients with mood disorders to provide exemplary nursing care to individuals, families and community.	PO1, PO2, PO3, PO5, PO9
CO8	Characterize the nurse's role in managing patients with neurotic, stress related and somatization disorders to render high end nursing care to individuals, families and community	PO1, PO2, PO3, PO5, PO9
CO9	Depict the nurse's role in managing patients with substance use to render superlative nursing care to individuals, families and community.	PO1, PO2, PO3, PO5, PO9
CO10	Elaborate the Nursing Management of patients with personality, sexual and eating disorders to provide quality nursing care to individuals, families and community.	PO1, PO2, PO3, PO5, PO9
CO11	Describe the Nursing Management of patients with childhood and adolescent disorders including mental deficiency to render competent nursing service to individuals, families and community.	PO1, PO2, PO3, PO5, PO9
CO12	Develop the Nursing care plan for patients with organic brain disorders based on client's needs.	PO1, PO2, PO3, PO5, PO9
CO13	Identify psychiatric emergencies and carry out its	PO3, PO4

	crisis intervention to utilize critical thinking skill in handling individuals at risky situations.	
CO14	Elaborate the role of Nurse in legal aspects applied in Mental health settings to practice within legal boundaries with acceptable standards of practice.	PO7, PO11
CO15	Prioritize the Nurse's role in the community mental health services to improve mental health of the family members and respond societal mental health related issues effectively.	PO6, PO9, PO11
	OUTCOME EVALUATION (200 MARKS) **Total Score (125 Summative, 75 Formative marks)**	PO CO Mapping
ST	End Semester University Examination Essay type (30 Marks)	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14, CO15, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PO13
ST	End Semester University Examination (SQs)(25Marks)	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14, CO15, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PO13
ST	End Semester University Examination Essay type (20 Marks)	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14, CO15, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PO13
FT	25 Marks Test - Unit Test & Model Exam - 15 Assignment- 5 Attendance -2 Extra-curricular-2 Personality – 1	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14, CO15, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PO13
SP	Practical (35 marks) History collection (4), MSE (6), Nursing diagnosis (4), nursing intervention (4), implementation (4), process recording (3), evaluation (4), psycho-education (2), communication skills (2), critical thinking (2)	CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12
SO	OSCE (10 marks)	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12
SV	Viva (5 Marks)	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12
FP	Clinical Requirement – 50 marks Clinical Presentation (5), Case Study (5), Drug presentation (5), Clinical Performance Appraisal (5), Psycho-Education (5), Log book requirement (5), Model Practical Examination – 25	CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12

Legend:
- **ST**-SUMMATIVE THEORY
- **SP**-SUMATIVE PRACTICAL

- **FT**-FORMATIVE THEORY
- **FP**-FORMATIVE PRACTICAL
- **SO**-SUMMATIVE OSCE
- **SV**- SUMMATIVE VIVA

II.Result analysis:

Course Details: Mental Health Nursing			
Outcome Analysis			
Summative/ Formative	**Outcome Evaluation (200 Marks)**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	End Semester University Examination Essay type (30marks) (SQs) (25Marks) (SAQs) (20Marks)	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14, CO15, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PO13	98%
FT	25 Marks Test - Unit Test & Model Exam - 15 Assignment- 5 Attendance -2 Extra-curricular-2 Personality – 1	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14, CO15, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PO13	71%
SP	Practical (35 marks) History collection (4), MSE (6), Nursing diagnosis (4), nursing intervention (4), implementation (4), process recording (3), evaluation (4), psycho-education (2), communication skills (2), critical thinking (2)	CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12	98%
SO	OSCE (10 marks)	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12	98%
SV	Viva (5 Marks)	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12	98%
FP	Clinical Requirement – 50 marks Clinical Presentation (5), Case Study (5), Drug presentation (5), Clinical Performance Appraisal	CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO12	100%

	(5), Psycho-Education (5), Log book requirement (5), Model Practical Examination – 25		

Course Details : BS3D - Nursing Research and Statistics	
COURSE OUTCOME	**PO MAPPING**
CO1	Describe the concept of research, terms, need and areas of research in nursing.	PO5, PO7
CO2	Identify and state the research problem and objectives	PO12
CO3	Locate and list source of literature review including operational definitions and conceptual framework	PO12
CO4	Describe the research approaches and designs, sampling process, methods of data collection	PO4, PO12
CO5	Explain the use of statistics, scales of measurement and graphical presentation of data	PO12
CO6	Communicate and utilize the research findings.	PO8, PO12
SUMMATIVE/ FORMATIVE	**COURSE OUTCOMEEVALUATION (100 MARKS) TOTAL SCORE (SUMMATIVE :75, FORMATIVE :25)**	**POCO MAPPING**
ST	End Semester University Examination Essay type (30 marks)	CO1,CO2,CO3,CO4,CO5,CO6,PO4,PO5, PO7,PO8,PO12
ST	End Semester University Examination (SQs) (25Marks)	CO1,CO2,CO3,CO4,CO5,CO6,PO4,PO5, PO7,PO8,PO12
ST	End Semester University Examination (SAQs) (20Marks)	CO1,CO2,CO3,CO4,CO5,CO6,PO4,PO5, PO7,PO8,PO12
FT	25 Marks Tes t - Unit Test, Model Exam – 15 Assignment- 5 Critique presentation- 5	CO1,CO2,CO3,CO4,CO5,CO6,PO4,PO5, PO7, PO8,PO12

Legend:
ST-SUMMATIVE THEORY
FT-FORMATIVE THEORY

II Result analysis:

Course Details: Nursing Research and Statistics			
Outcome Analysis			
Summative/ Formative	**Outcome Evaluation (100Marks) Summative:75,Formative:25**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	End Semester University Examination Essay type (30 marks)	CO1,CO2,CO3,CO4,CO5,CO6,PO4,PO5,PO7,PO8,PO12	93%
ST	End Semester University Examination (SQs) (25Marks)	CO1,CO2,CO3,CO4,CO5,CO6,PO4,PO5,PO7,PO8,PO12	
ST	End Semester University Examination (SAQs) (20Marks)	CO1,CO2,CO3,CO4,CO5,CO6,PO4,PO5,PO7,PO8,PO12	
FT	25 Marks Test - Unit Test, Model Exam – 15 Assignment- 5 Critique presentation- 10	CO1,CO2,CO3,CO4,CO5,CO6,PO4,PO5,PO7,PO8,PO12	72%
Legend:			
ST-SUMMATIVE THEORY FT-FORMATIVE THEORY			

B.Sc(N) IV Year

COURSE DETAILS: BS4A MIDWIFERY AND OBSTETRICAL NURSING		
COURSE OUTCOME		**PO MAPPING**
CO7	Students should apply their theoretical knowledge and skills to promote excellence in nursing care to all high risk pregnant mothers	PO1,PO2
CO8	Understand abnormal labour and preserve the highest values and ethics of nursing profession in effective handling of mother during obstetric crisis	PO3, PO4,PO5
C09	Develop competencies in caring of postnatal mothers with complications through their theoretical knowledge and academic excellence in all health care settings.	PO4,PO5,PO12

C010	Enhancing students to develop the skills in rendering care to high risk neonates by meeting the expectations of the society.	PO4,PO5,PO12
CO11	Aiming to promote knowledge by maintaining professional ethics regarding administration drugs in obstetrics	PO4,PO5
C012	Promote commitment to all the nursing students towards implementation of Family welfare programmes by meeting the societal expectations of current scenario.	PO2,PO3, PO6,PO9
Summative/ Formative	**Outcome Evaluation (200 Marks)** **Total Score (75 Summative, 25 formative marks)**	**PO CO Mapping**
ST	End Semester University Examination Essay type (30 marks) End Semester University Examination (SQs) (25Marks) End Semester University Examination (SQs) (20 Marks)	Bcs III year CO1, CO2, CO3, CO4, CO5, CO6, PO1,PO3,PO4,PO12, PO5,PO9 Bcs IVyear CO1, CO2, CO3, CO4, CO5, CO6 ,PO1,PO2, PO3, PO4,PO5, , PO6,PO9,PO12
FT	**25** Marks Theory 15- Unit Test, Model Exam Assignment- 5 Attendance- 2 Health awareness programme -3	Bcs III year CO1, CO2, CO3, CO4, CO5, CO6, PO1,PO3,PO4,PO12, PO5,PO9 Bcs IVyear CO1, CO2, CO3, CO4, CO5, CO6 ,PO1,PO2, PO3, PO4,PO5, , PO6,PO9,PO12

SP	End Semester University practical Examination – 100 marks Internal examiner -50 marks (OSCE-40 viva 10 marks) External examiner-50 marks (OSCE-40 viva 10 marks)	Bcs IIIyear : CO3, CO4, CO5, CO6, PO3,PO4,PO5,PO9, PO12 Bcs IVyear CO1, CO2, CO3, CO4, CO5, CO6 ,PO1,PO2, PO3, PO4,PO5, , PO6,PO9,PO12
FP	**Internal -50 marks** Clinical presentation -10 Marks Labour record -10 Marks Drug presentation -5Marks Health education -5 Marks OSCE/OSPE - 10Marks Model exam - 10 Marks	
Legend: ST-SUMMATIVE THEORY, **SP**-SUMATIVE PRACTICAL, **FT**-FORMATIVE THEORY, **FP**-FORMATIVE PRACTICAL		

II Result analysis:

Course Details: - MIDWIFERY AND OBSTETRICAL NURSING			
Outcome Analysis			
Summative/ Formative	**Outcome Evaluation (100Marks)** **Summative :75,Formative:25**	**PO CO Mapping**	**Outcome Analysis 2021**
ST	End Semester University Examination Essay type (30 marks) End Semester University Examination (SQs) (25Marks) End Semester University Examination (SQs) (20 Marks)	BSc III year CO1-CO6 Bsc IV year CO7-C012 PO1 to PO13	99%

			99%
FT	**Internal Assessment: 25** Marks Theory 15- Unit Test, Model Exam Assignment- 5 Attendance- 2 Health awareness programme -3	BSc III year CO1-CO6 Bsc IV year CO7-C012 PO1 to PO13	
SP	**Total: 100 Marks** End Semester University practical Examination – 100 marks Internal examiner -50 marks (OSCE-40 viva 10 marks) External examiner-50 marks (OSCE-40 viva 10 marks)	BSc III year CO1-CO6 Bsc IV year CO7-C012 PO1 to PO13	99%

PROGRAM OUTCOME CODE	COURSE OUTCOME BS4B COMMUNITY HEALTH NURSING - II	PROGRAM OUTCOME
CO1	To promote and preserve the values and concept of community health and historical development of community health.	PO10
CO2	To Promote and preserve the highest values in applying clinical skills and motivate interest in national health planning, committees, family welfare, health problems in India.	PO6
CO3	The integration of innovative technology and high quality of planning and budgeting and material management of sub centre, PHC, CHCS, both urban and rural cites, MCH services, Indian system of medicine.	PO2 PO5
CO4	To provide excellence in a competent professional with excellent knowledge related to community health nursing approaches, concepts and roles and responsibility.	PO1 PO3 P09
CO5	To enumerate and integration of promoting and maintain health of individual and groups, families.	PO4

CO6	To Developing and applying innovative technology in clinical skill and motivate interest related to national health and family welfare program, role of nurse.	PO8
CO7	To meet the expectation and incorporate functions of various national and international health agencies	PO11

PO7 |

COURSE OUTCOME EVALUATION

SUMMATIVE / FORMATIVE	OUT COME EVALUATION (100 MARKS)	PO, CO MAPPING
ST	University examination – (75 marks) Eassy-30 marks Short questions-25 marks Short answer questions-20 marks	CO1,CO2,CO3,CO4,CO5, CO6,CO7 PO4,PO7,PO5, PO3,PO2, PO5, PO7,PO10,PO11
SP	Total marks-(75 marks) Physical examination-4 mark Nutrition assessment-4 mark Nursing diagnosis-4 mark Prioritizing nursing diagnosis-2 mark Plan of action-4 mark Home care using bag technique-8 mark Health education-5 mark Nutrition demonstration-3 mark A.v aids-2 mark Log book requirements-2 mark Recording &reporting-2mark Viva-5 mark	CO1,CO2,CO3,CO4,CO5, CO6,CO7 PO4,PO7,PO5, PO3,PO2, PO5, PO7,PO10,PO11
FT	Internal (25 marks) class, unit, revision, school health programs, workshop-10 marks seminar, care study, research-10 marks, preparation of AV-aids5marks	CO1,CO2,CO3,CO4,CO5, CO6,CO7 PO4,PO7,PO5, PO3,PO2, PO5, PO7,PO10,PO11
FP	Internal (25 marks) survey, bag technique, field visit-5 mark cooking demonstration, health education, clinical evaluation, nursing process-10 mark) model practical-5 mark	CO1,CO2,CO3,CO4,CO5, CO6,CO7 PO4,PO7,PO5, PO3,PO2, PO5, PO7,PO10,PO11
LEGEND **ST-**Summative**, SP-** Summative practical**, FT-**Formative**, FP-** Formative practical		

OUT COME ANALYSIS			
SUMMATIVE / FORMATIVE	OUT COME EVALUATION (100 MARKS)	PO, CO MAPPING	OUT COME ANALYSIS 2021
ST	End of the University examination Eassy-30 marks Short questions-25 marks Short answer questions-20marks	CO1,CO2,CO3,CO4 ,CO5, CO6,CO7 PO4,PO7,PO5, PO3,PO2, PO5, PO7,PO10,PO11	100%
FT	Internal (25 marks) Class, unit, revision, school health programs, workshop-10 marks Seminar, care study, research-10 marks, preparation of AV-aids5marks	CO1,CO2,CO3,CO4 ,CO5, CO6,CO7 PO4,PO7,PO5, PO3,PO2, PO5, PO7,PO10,PO11	75%
FP	Internal (25 marks) Survey, bag technique, field visit-5 mark Cooking demonstration, health education, clinical evaluation, nursing process-10 mark) Model practical-5 mark	CO1,CO2,CO3,CO4 ,CO5, CO6,CO7 PO4,PO7,PO5, PO3,PO2, PO5, PO7,PO10,PO11	100%
LEGEND **ST-**Summative **,** **SP-** Summative practical**,** **FT-**Formative**,** **FP-** Formative practical			

RESULT ANALYSIS

OUT COME ANALYSIS			
SUMMATIVE / FORMATIVE	OUT COME EVALUATION (100 MARKS)	PO, CO MAPPING	OUT COME ANALYSIS 2021

ST	End of University examination Eassy-30marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8. PO1, PO2, PO3, PO5, PO10, PO11, PO4, PO7, PO12.	
ST	End of University examination Short questions-25 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8. PO1, PO2, PO3, PO5, PO10, PO11, PO4, PO7, PO12.	
ST	End of University examination Short answerquestions-20 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8. PO1, PO2, PO3, PO5, PO10, PO11, PO4, PO7, PO12.	
FT	End of University examination Internal (25 marks) Class test-3 mark , Unit test-3 mark, Revision test- 4 marks Field visit-5 mark, Seminar-5 marks Assignment- 5 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8. PO1, PO2, PO3, PO5, PO10, PO11, PO4, PO7, PO12.	
LEGEND **ST-summative** **FT-Formative**			

COURSE OUTCOME CODE	COURSE OUTCOME NURSING MANAGEMENT	PROGRAM OUTCOME
CO1	Apply knowledge regarding the principles and functions of management	PO1
CO2	Demonstrate and understanding of element and process of management	PO2
CO3	Provide nursing care regarding the management of nursing service in hospital and community.	PO3
CO4	Mention the latest trends related to concepts, theories and techniques of organization behavior and human relations	PO5
CO5	Participate effectively in planning and organizing in service education program	PO10
CO6	Demonstrate the management of nursing education institution	PO11 PO4
CO7	Practice with in the frame work of code of ethical and legal responsibility of a professional nurse, illustrate nursing practice standards	PO7
CO8	Conduct need based research studies related to various opportunity for professional advancement	PO12

SUMMATIVE / FORMATIVE	OUT COME EVALUATION (100 MARKS)	PO, CO MAPPING
ST	University examination – (75 marks) Eassy-30 marks Short questions-25 marks Short answer questions-20 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8. PO1, PO2, PO3, PO5, PO10, PO11, PO4, PO7, PO12.
FT	Internal (25 marks) Class, unit, revision-(10 marks) Seminar, Field visit-(10 marks) Assignment-(5marks)	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8. PO1, PO2, PO3, PO5, PO10, PO11, PO4, PO7, PO12.
LEGEND ST-summative , FT-Formative		

RESULT ANALYSIS

OUT COME ANALYSIS			
SUMMATIVE / FORMATIVE	OUT COME EVALUATION (100 MARKS)	PO, CO MAPPING	OUT COME ANALYSIS 2021
ST	End of University examination Eassy-30marks Short questions-25 marks Short answer questions-20 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8. PO1, PO2, PO3, PO5, PO10, PO11, PO4, PO7, PO12.	100%
FT	End of University examination Internal (25 marks) Class test-3 mark , Unit test-3 mark, Revision test- 4 marks Field visit-5 mark, Seminar-5 marks Assignment- 5 marks	CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8. PO1, PO2, PO3, PO5, PO10, PO11, PO4, PO7, PO12.	75%
LEGEND **ST-summative** **FT-Formative**			