

2.6.3 – The teaching learning and assessment processes of the Institution are aligned with the stated learning outcomes

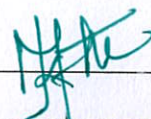
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LIST AND STEPS TAKEN BY THE COLLEGE TO ASSESS ATTAINMENT OF COURSE SPECIFIC OUTCOME BY THE STUDENTS STATED IN THE UNDERGRADUATE CURRICULUM

S.NO	SUBJECT	COURSE SPECIFIC OUTCOMES	STEPS TAKEN TO ASSESS THE SPECIFIC OUTCOMES
1	Anatomy	<ul style="list-style-type: none"> ➤ To acquire knowledge about structural components of the human body (macroscopic and microscopic) and correlate it normal body functions. ➤ To emphasize development and developmental anomalies of oral, dental and maxillofacial structures. 	<ul style="list-style-type: none"> ➤ Dissection of human cadavers. ➤ Study of preserved specimens. ➤ Demonstrations.
2	Physiology	<ul style="list-style-type: none"> ➤ To acquire adequate knowledge and develop skill to perform physiology laboratory tests. ➤ To interpret these normal functions with a view to differentiate from abnormal functions. ➤ To demonstrate the knowledge and understanding of biomolecules. 	<ul style="list-style-type: none"> ➤ Estimation of Hb concentration ➤ Determination of differential count of white blood cell(WBC) ➤ Determination of bleeding time & clotting time ➤ Determination of blood grouping & cross matching ➤ Determination of Erythrocyte Sedimentation Rate(ESR) ➤ OSPE: ➤ Recording BP by palpatory and auscultatory method. ➤ Examination of radial pulse.
3	Biochemistry	<ul style="list-style-type: none"> ➤ To apply the knowledge and understanding of biochemistry in dentistry ➤ To demonstrate the knowledge and understanding of biomolecules forming the structure of the human body. Their functions and role in health and disease ➤ To learn the normal biochemical values in conventional and SI. Units ➤ To diagnose Diabetes 	<ul style="list-style-type: none"> ➤ To Estimate blood glucose ➤ To estimate abnormal constituents of urine (sugar, protein & ketone bodies) and their clinical significance



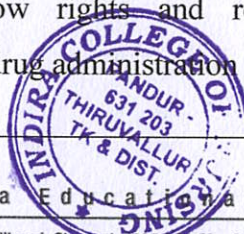

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4	Pathology	<ul style="list-style-type: none"> ➤ To learn about the causes & pathogenesis of diseases. ➤ To demonstrate the knowledge and understanding of general pathological and preventive knowledge about disease. ➤ To apply pathological knowledge in practicing aseptic procedures during surgeries to improve health. 	<ul style="list-style-type: none"> ➤ Test for abnormal constituents of urine like sugar, albumin, ketone bodies. ➤ Demonstration of specimen
5	Microbiology	<ul style="list-style-type: none"> ➤ To have knowledge & understanding about sterilization, asepsis and infection prevention. ➤ To learn about the characteristics of different types of disease causing microorganism 	<ul style="list-style-type: none"> ➤ To study different types and parts of microscope ➤ Hand washing technique.
6	Psychology	<ul style="list-style-type: none"> ➤ Describe various cognitive processes and their applications ➤ Explain the concepts of personality and its influence on behaviour ➤ Describe motivation, emotions, stress, attitudes and their influence on behaviour ➤ Explain the psychological assessments and role of nurse. 	<ul style="list-style-type: none"> ➤ Genetic counselling ➤ Mental status examination
7	Pharmacology	<ul style="list-style-type: none"> ➤ Describe indications, contraindications and side effects of medicines related to nursing practice. ➤ To manage pain ➤ To learn therapeutic decision making ➤ To manage complication ➤ To know rights and responsibilities during drug administration 	<ul style="list-style-type: none"> ➤ To know different types of drug administration procedure.





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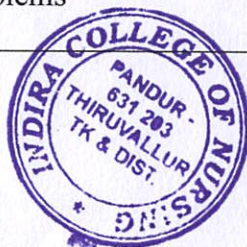
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8	Nursing foundation	<ul style="list-style-type: none"> ➤ It is aimed at helping the student to acquire the knowledge, understanding and skills in techniques of nursing and practice them in supervised clinical setting. ➤ Fundamentals of nursing is the foundation for nurses. ➤ Nursing foundation forms the underlying basis for rendering nursing care to individuals in all stages of development. 	<ul style="list-style-type: none"> ➤ Evaluate with checklist assessment of clinical performance with rating scale completion of practical record assessment of nursing process records with checklist assessment of actual care given with rating scale
9	Nutrition	<ul style="list-style-type: none"> ➤ Describe variables that influence nutrition ➤ Identify factors related to nutrition across the life span ➤ Assess a patients nutritional status ➤ Outline specific nursing interventions to promote nutrition 	<ul style="list-style-type: none"> ➤ Evidence based practices related to nutrition ➤ Cooking demonstration ➤ Assessment of nutritional values
10	Sociology	<ul style="list-style-type: none"> ➤ Describe the scope and significance of sociology in nursing ➤ Describe culture and its impact on health and disease ➤ Explain social organization, disorganization, social problem and role of nurse in reducing social problems 	<ul style="list-style-type: none"> ➤ Enable the students to develop understanding about basic concepts of sociology and its application in personal and community life, health, illness and nursing




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11	Genetics	<ul style="list-style-type: none"> ➤ Explain nature, principles and perspectives of heredity ➤ Explain maternal prenatal and genetic influences on development of defects and diseases. ➤ Explaining the screening methods for genetic defects and diseases in neonates and children 	<ul style="list-style-type: none"> ➤ Awareness on neural tube defects and the role of folic acid in lowering the risk of Down syndrome. ➤ Genetic counselling
12	Medical surgical Nursing	<ul style="list-style-type: none"> ➤ Appreciate the trends in medical surgical nursing ➤ Describe the common signs, symptoms, problems and their specific nursing interventions ➤ Describe the role of a nurse in caring for adult patient in hospital and community. 	<ul style="list-style-type: none"> ➤ Nursing care plan ➤ Nursing care study ➤ Nursing case presentation ➤ Health talk ➤ Maintain drug book
13	Community health Nursing	<ul style="list-style-type: none"> ➤ Describe concept, scope, uses methods and approaches of epidemiology ➤ Describe the concepts and scope of demography describe methods of data collection, analysis and interpretation 'of demographic data. ➤ Describe the methods of population control 	<ul style="list-style-type: none"> ➤ Family study ➤ Health talk 2 (1 in urban and in rural) ➤ Perform simple lab investigation tests at centre-blood for haemoglobin and sugar urine for albumin and sugar ➤ Family welfare methods




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14	Child health nursing	<ul style="list-style-type: none"> ➤ Describe the normal growth and development of children at different ages identify the needs of children at different ages ➤ Identify measures to prevent common childhood diseases including immunization ➤ Manage the child with behavioural social problems 	<ul style="list-style-type: none"> ➤ Development study ➤ Nursing care plan ➤ Calculate, prepare an administer IV fluids ➤ Feeding and weaning ➤ Immunization schedule
15	Mental health Nursing	<ul style="list-style-type: none"> ➤ Define the various terms used in mental health nursing ➤ Describe nature, purpose and process of assessment of mental health ➤ Identify psychiatric emergencies and carry out crisis intervention ➤ Describe the model of preventive psychiatry 	<ul style="list-style-type: none"> ➤ Mental status examination ➤ Assist in psychometric assessment ➤ Teach family and significant others ➤ Conduct case work
16	Nursing Research	<ul style="list-style-type: none"> ➤ Describe the concept of research, need and areas of research in nursing ➤ Explain the steps of research process. ➤ Explain the sampling process describe the methods of data collection ➤ Analyse, interpret and summarize the research data 	<ul style="list-style-type: none"> ➤ Nursing research project- individual ➤ Nursing project- group




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17	Obstetrics and Gynaecological Nursing	<ul style="list-style-type: none"> ➤ Describe the anatomy and physiology of female reproductive system ➤ Describe the physiology and stages of labour ➤ Describe the physiology of puerperium ➤ Describe the assessment and management of normal neonate ➤ Appreciate the importance of family welfare programme 	<ul style="list-style-type: none"> ➤ Case book recording ➤ Health talk ➤ Conduct normal deliveries ➤ Perform and suture the episiotomy ➤ Case presentation ➤ Case study ➤ Resuscitate new born ➤ IUD insertion
18	Nursing Management	<ul style="list-style-type: none"> ➤ Explain the principles and functions of management. ➤ Describe the management of nursing services in the hospital and community ➤ Participate in planning and organizing in service education program ➤ Explain the various opportunities for professional advancement 	<ul style="list-style-type: none"> ➤ Bench marking, activity plan ➤ Emergency disaster management ➤ Nursing rounds ➤ Assignment, rotations, delegations




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