Savitribai Phule Mahila Mahavidyalay,Satara

IQAC

2021 – 2022

Learning Outcomes

Cos- BCA-II,B.Voc.II

Sr. No.	Programme	POs, Cos, PSOs 2020-21	Cos 2021-22
1	B.A.	Uploaded :	-
2	B.Com.	Uploaded :	-
3	B.C.A.	Uploaded :	BCA-II Uploded
4	M.Com.	Uploaded	-
5	B.Voc.(Nursing)	Uploaded :	B.Voc.-II Uploded

Rayat Shikshan Sanstha's
Savitribai Phule Mahila Mahavidyalaya, Satara
BCA Department
Course Outcome 2021-2022
BCA II

Sr. No	Class	Subject	Course Outcome
1.	BCA II Semester III	Web Technology	After completion of this course student should be able to 1. Understand basics of website and web development life cycle. 2. Design website using HTML and CSS 3. Implement client side scripting for website development 4. Understand importance and working of HTML5
2.	BCA II Semester III	Computer Network and Internet	After completion of this course student should be able to 1. Understand the concept of computer network. 2. Identify different components required to build different networks. 3. Recognize the functions of network layers and different protocols. 4. Discuss the important features of the Internet and Web.
3.	BCA II Semester III	Data Structure using C	After completion of this course student should be able to 1. Use and implement appropriate data structure for the required problems using a programming language such as C. 2. Understand various searching & sorting techniques 3. Implementing various data structures viz. Stacks, Queues 4. Implementation of Linked Lists and Trees.
4.	BCA II Semester III	Elements of Statistics	After completion of this course student should be able to 1) Explain various term used in Statistics. 2) Describe the Measures of Central Tendency and Dispersion 3) Understand Analysis of Bivariate data(Correlation and Regression) 4) Elaborate Sampling Techniques and Time

5.	BCA II Semester III	Human Resource Management and Materials	After completion of this course student should be able to 1. Understand Human Resource Planning Process. 2. Elaborate Performance Appraisal, Training and Development, Wage and salary Administration. 3. Explain functions of material management 4. Demonstrate 5 R in purchasing and Inventory control techniques.
6.	BCA II Semester III	Lab Course-V Based on CC301	After completion of this course student should be able to 1: Understand Web Design Concept 2: Design Web Pages using CSS, HTML & Java Script
7.	BCA II Semester III	Lab Course VI based on CC303 and AEC304	After completion of this course student should be able to 1. Implement various data structures viz. Stacks, Queues, Linked Lists and Trees 2. Apply Ms Excel features for Data Manipulation and Analysis.
8.	BCA II Semester IV	RDBMS	After completion of this course student should be able to 1. Describe the fundamental elements of Relational Database Management Systems. 2. Explain various commands in data languages with example. 3. Understand various sub-queries & joins. 4. Apply the control statements and stored procedures
9.	BCA II Semester IV	Software Engineering	After completion of this course student should be able to 1. Understand life cycle models, requirement elicitation techniques, understand the concept of analysis and design of software. 2. Develop SRS document. 3. Use of analysis and design tools for system development. 4. Apply software engineering concepts in software development to develop quality software
10.	BCA II Semester IV	DOT NET Technology	After completion of this course student should be able to 1. Understand features of C# DOT NET 2. Implement various server controls for website development 3. Apply validation and state management for interactive website development

			4. Design and develop dynamic web application using ADO.Net.
11.	BCA II Semester IV	Entrepreneurship Development	After completion of this course student should be able to 1. Define characteristics, function and types of entrepreneurs and know the role of Entrepreneurship in Economic Development. 2. Identify Business Opportunities and prepare business plan. 3. Know project finance agencies. 4. Understand New Opportunities and Challenges in digital entrepreneurship.
12.	BCA II Semester IV	PHP	After completion of this course student should be able to 1. Understand the environment of PHP programming Language. 2. Develop web applications using PHP.
13.	BCA II Semester IV	Lab Course VII Based CC 401	After completion of this course student should be able to 1. Design database for business applications. 2. Use of queries, sub queries, join, view and stored procedures on databases.
14.	BCA II Semester IV	Lab course-VIII Based on CC403	After completion of this course student should be able to 1. Design console applications using C#. 2. Design web application using ASP.Net
15.	BCA II Semester IV	Mini Project	After completion of this course student should be able to 1. Implement fundamental domain knowledge of core courses for developing simple business applications. 2. Utilize the software development techniques, skills and modern tools.

Mr. Nilam S. B.
H. O. D.
Department of B. C. A.

Principal
Savitribai Phule Mahila Mahavidyalaya
SATARA

IQAC
Co-ordinator

Class: B.Voc in Nursing-II

Course outcome:-

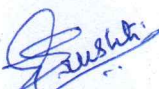| Sr.no	Class	Paper title	Outcome
1.	B.Voc in Nursing Part- II	Management of Nursing Services & Education-I & II	Students will able to: 1. Appreciate the management of nursing services in the hospital and community. 2. Apply the concepts, theories and techniques of organizational behavior and human relations. 3. Develop skills in planning and organizing in service education 4. Describe the ethical and legal responsibilities of a professional nurse 5. Understand the various opportunities for professional advancement.
2.	B.Voc in Nursing Part- II	Communication & Educational Technology & ICT- I & II	Students will able to: 1. Establishes effective interpersonal and human relations with patients, families and health team members. 2. Acquires knowledge on concepts, principles on guidance and counseling and develop basic skills for counseling patients, nursing students and nursing personnel. 4. Understand the philosophy, principles of education and teaching learning process. 5. Demonstrate teaching skills using various teaching methods in classroom, clinical and community setup using different methods and media.
3.	B.Voc in Nursing Part- II	Medical-Surgical Nursing- I & II	Students will able to: 1. To know the causes, patho-physiology, symptoms, treatment and prophylactic measures in common medical and surgical conditions affecting various systems of the body. 2. Provide patient centered nursing care to patients with common medical and surgical conditions affecting various systems of the body. 3. Prepare operation theatre for surgery and assist in operative procedures. 4. Organize casualty/emergency services. 5. Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of diagnostic tests in the process of data collection 6. Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities

			7. Demonstrate skill in assisting / performing diagnostic and therapeutic procedures 8. Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders 9. Identify the drugs used in treating patients with medical surgical conditions 10. Plan and provide relevant individual and group education on significant medical surgical topics 11. Maintain safe environment for patients and the health care personnel in the hospital
4.	B.Voc in Nursing Part- II	Pharmacology- I & II	Students will able to: 1. Understand the basic concepts of pharmacology 2. Understand the pharmacology of common chemo-therapeutics. 3. To know in detail regarding used antiseptics, disinfectants, and insecticides. 4. To explain in detail regarding drug acting on GI, respiratory tract, Urinary system. 5. Understand the used of drugs in skin and cardiovascular system. 6. Understand common antiseptics, disinfectants and insecticides. 7. Understand drug acting on various systems of human body. 8. Understand alternative systems of medicines.
5.	B.Voc in Nursing Part- II	Fundamental of Nursing- I & II	Students will able to: 1. Develop understanding about the concept of health, illness and scope of nursing within health care services 2. Apply values, code of ethics and professional conduct in professional life 4. Demonstrate competency in monitoring and documenting vital signs 5. Develop understanding about fundamentals of health assessment and perform health assessment in supervised clinical settings 6. Demonstrate understanding and application of knowledge in caring for patients with restricted mobility. 7. Identify the educational needs of patients and demonstrate basic skills of patient education. 8. Apply the knowledge of the principles, routes, effects of administration of medications in administering medication 9. Calculate conversions of drugs and dosages within and between systems of measurements 10. Demonstrate knowledge and understanding in

			caring for patients with altered functioning of sense organs and unconsciousness
6.	B.Voc in Nursing Part- II	Lab/Clinical work: Medical-Surgical Nursing- I & II	Students will able to: 1. Utilize the nursing process in providing care to the sick adults in the hospital 2. Provide comfort and safety to adult patients in the hospital 3. Maintain safe environment for patients during hospital. 4. Provide pre, intra and post-operative care to patient undergoing surgery. 5. Ensure patient safety while providing nursing procedures. 6. Assess the educational needs of the patient and their family related to medical and surgical disorders and provide appropriate health education to patients 7. Provide pre, intra and post-operative care to patients undergoing surgery 8. Integrate knowledge of pathology, nutrition and pharmacology for patients experiencing selected medical and surgical disorders 9. Integrate evidence-based information while giving nursing care to patients 10. Demonstrate the awareness of legal and ethical issues in nursing practice
7.	B.Voc in Nursing Part- II	Lab/Clinical work: Pharmacology- I & II	Students will able to: Know the drugs details regarding the classification, Factor affecting action, Indication and contraindication, action, adverse effect and nursing responsibility.
8.	B.Voc in Nursing Part- II	Lab/Clinical work: Fundamental of Nursing- I & II	Students will able to: 1. Maintain effective human relations 2. Demonstrate skills in techniques of recording and reporting 3. Demonstrate skill in monitoring vital signs 4. Care for patients with altered vital signs 5. Demonstrate skill in implementing standard precautions and use of PPE 6. Demonstrate skill in meeting the comfort needs of the patients 7. Demonstrate skill in admission, transfer, and discharge of a patient 8. Demonstrate skill in caring for patients with restricted mobility 9. Plan and provide appropriate health teaching following the principles. 10. Identify and demonstrate skill in caring for patients with fluid, electrolyte and acid – base imbalances

			11. Assess, plan, implement & evaluate the basic care needs of patients with altered functioning of sense organs and unconsciousness 12. Care for terminally ill and dying patients 13. Identify stress and assist patients to adopt various coping strategies 14. Acquire skills in assessing and performing First Aid during emergencies.
9.	B.Voc in Nursing Part- II	Internship Project-I & II	Students will able to: 1. Understand the importance of the research in nursing field. 2. Identify the problem and try to resolve the problem through the research project.

Head of Department

H. O. D.
Department of B.Voc.in.Nursing

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Co-ordinator

Principal

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