

# **Panna Dhai Maa Subharti Nursing College**



## **Nurse Practitioner in Critical Care Nursing**

### **Programme & Course Outcomes**

उत्तिष्ठत जाग्रत प्राप्य वरान्निबोधत

NAME OF THE PROGRAMME	PROGRAMME OUTCOME	COURSE NAME & OUTCOME
<p align="center"><b>Nurse Practitioner in Critical Care nursing</b></p>	<p><b>PO1-</b> Assume responsibility and accountability to provide competent care to critically ill patients and appropriate family care in tertiary care centres</p> <p><b>PO2-</b> Demonstrate clinical competence/expertise in providing critical care which includes diagnostic reasoning, complex monitoring and therapies.</p> <p><b>PO3-</b> Apply theoretical, patho-physiological and pharmacological principles and evidence base in implementing therapies/interventions in critical care</p> <p><b>PO4-</b> Assess and participate in treating patients with critical illnesses to stabilize and restore patient's</p>	<p align="center"><b>RESEARCH APPLICATION AND EVIDENCE BASED PRACTICE IN CRITICAL CARE</b></p> <p>• <b>CO1-</b> Applies sound research knowledge and skills in conducting independent research in critical care setting</p> <p>• <b>CO2-</b> Participates in collaborative research to improve patient care quality</p> <p>• <b>CO3-</b> Interprets and uses research findings in advanced practice to produce EBP</p> <p>• <b>CO4-</b> Tests / Evaluates current practice to develop best practices and health outcomes and quality care in advanced practice</p> <p>• <b>CO5-</b> Analyzes the evidence for nursing interventions carried out in critical care nursing practice to promote safety and effectiveness of care</p>

	<p>health and minimize or manage complications independently or collaboratively as a part of critical care team.</p> <p><b>PO5-</b></p> <p>Collaborate with other health care professionals in the critical care team, across the continuum of critical care.</p>	<ul style="list-style-type: none"> <li>• <b>CO6-</b></li> </ul> <p>Develops skill in writing scientific research reports</p> <p><b>ADVANCED SKILLS IN LEADERSHIP, MANAGEMENT AND TEACHING</b></p> <ul style="list-style-type: none"> <li>• <b>CO1-</b></li> </ul> <p>Applies principles of leadership and management in critical care units</p> <ul style="list-style-type: none"> <li>• <b>CO2 –</b></li> </ul> <p>Manages stress and conflicts effectively in a critical care setting using sound knowledge of principles</p> <ul style="list-style-type: none"> <li>• <b>CO3-</b></li> </ul> <p>Applies problem solving and decision making skills effectively</p> <ul style="list-style-type: none"> <li>• <b>CO4-</b></li> </ul> <p>Uses critical thinking and communication skills in providing leadership and managing patient care in ICU</p> <ul style="list-style-type: none"> <li>• <b>CO5-</b></li> </ul> <p>Builds teams and motivates others in ICU setting</p> <ul style="list-style-type: none"> <li>• <b>CO6-</b></li> </ul>
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		<p>Develops unit budget, manages supplies at staffing effectively</p> <ul style="list-style-type: none"> <li>• <b>CO7-</b> Participates appropriately in times of innovation and change</li> <li>• <b>CO8-</b> Uses effective teaching methods, media and evaluation based on sound principles of teaching</li> <li>• <b>CO9-</b> Develops advocacy role in patient care, maintaining quality and ethics in ICU environment</li> <li>• <b>CO10-</b> Provides counseling to families and patients in crisis situations particularly end of life care</li> </ul> <p><b>ADVANCED PATHOPHYSIOLOGY APPLIED TO CRITICAL CARE NURSING – I</b></p> <ul style="list-style-type: none"> <li>• <b>CO1-</b> Integrates the knowledge of pathophysiological process in critical conditions in developing diagnosis and plan of care</li> <li>• <b>CO-2</b></li> </ul>
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Applies the pathophysiological principles in symptom management and secondary prevention of critical illnesses

- **CO3-**

Analyzes the pathophysiological changes relevant to each critical illness recognizing the value of diagnosis, treatment, care and prognosis

**ADVANCED PHARMACOLOGY  
RELEVANT TO CRITICAL CARE  
NURSING**

- **CO1-**

Applies the pharmacological principles in providing care to critically ill patients and families

- **CO2-**

Analyzes pharmaco-therapeutics and pharmacodynamics relevant to drugs used in the treatment of critical care conditions

- **CO3-**

Performs safe drug administration based on principles and institutional protocols Documents accurately and provides follow up care

- **CO4-**

Applies sound knowledge of drug

interactions in administration of drugs to critically ill patients in the critical care settings and guiding their families in self care management

**ADVANCED HEALTH/PHYSICAL  
ASSESSMENT IN CRITICAL CARE  
NURSING**

- **CO1-**  
Applies the physical assessment principles in developing appropriate system wise examination skills
- **CO2-**  
Uses advanced health assessment skills to differentiate between variations of normal and abnormal findings
- **CO3-**  
Orders screening and diagnostic tests based on the examination findings
- **CO4-**  
Analyzes the results of various investigations and works collaboratively for development of diagnoses
- **CO5-**  
Documents assessment, diagnosis, and management and monitors follow up care in partnership with health care team members, patients, and families

