

**Ordinance of Nurse Practitioner in Critical care Post graduate Residency program****1. Scope**

- a) This ordinance shall apply to the Post Graduate residency program leading to Nurse Practitioner in critical care.
- b) The various clauses of this ordinance and syllabus of this program are subject to provision and circulars notified by Indian Nursing Council.
- c) Any change/revision/modification as well resolution passed/circular issued by the Indian Nursing Council, shall be incorporated as it is by the University in their compliance with immediate effect.

**2. Eligibility for Admission**

- a) A candidate must have passed B Sc ( Nursing) / Post Basic B Sc( Nursing) scoring not less than 55% from an institute / college recognized by Indian Nursing council.
- b) A candidate should have minimum one year post qualification clinical experience.
- c) The candidate is having registration with Nursing council.

**3. Admission**

- a) Admission to the program shall be made once in a year.
- b) Admission to the program is open to both male and female candidates.
- c) A candidate shall have to be medically fit.
- d) Admission shall be made on merit basis.
- e) The merit list shall be drawn based on written test and interview by designate authority.
- f) Admission and last date for admission shall be as 31<sup>st</sup> October of the admission year.

**4. Program Duration**

- a) The duration of the program leading to award of Post graduate in Nurse Practitioner in Critical care shall be of two academic years (1st October to 30<sup>th</sup> September).
- b) The maximum duration for completion of program shall be four years.

**5. Annual Intake**

The number of students shall be admitted as approved by the executive council of the university subject to maximum seat sanctioned by the Nursing Council of India.

**6. Medium of Instruction**

The medium of instruction, subjects of study and examination shall be English.

**7. Attendance**

- a) The student is required to attend all the lectures and practical of every subject as also the curricular and co-curricular activities and not absent himself / herself without valid reasons.
- b) A student must have 100% attendance in theory and practical of each subject .
- c) This is a full time course and no student is permitted to engage in any clinic / laboratory / nursing home during the study period.
- d) Any student who fails to comply in the manner stated above shall not be permitted to appear for the University Examinations.

*[Handwritten signatures of faculty members]*

### 8. Organization of the Program

- a) The period of 1<sup>st</sup> October to 30<sup>th</sup> September shall constitute one academic year.
- b) There shall be minimum 46 weeks devoted for academic activities, including examination.
- c) The academic activities shall be carried for minimum 48 hrs per week, however it is flexible with different shifts and off followed by on call duty.
- d) The course delivery in each academic year shall be carried out in accordance with minimum hours assigned to each subject and allied activities.

### 9. Syllabi:

The syllabi of the program shall contain subject wise content details as prescribed by Indian Council of Nursing duly approved by Board of study and academic council and shall be published separately.

### 10. Program Curriculum

The program curriculum consists of theory examination, practical / clinical and dissertation ( Thesis ).

The program duration is divided into two parts. The entire curriculum shall be completed as per teaching Scheme.

#### Part 1 – First Academic Year

Core Course		Theory ( Hrs. )	Practical Hrs		Total
			Lab	Clinical	
I	Theoretical Basis for Advanced Practice Nursing	40			40
II	Research Application and Evidence Based Practice in Critical Care	56	24	336	416
III	Advanced skills in Leadership, Management and Teaching Skills	56	24	192	272
Advanced Practice Courses					
IV	Advanced Pathophysiology applied to Critical Care	60		336	396
V	Advanced Pharmacology applied to Critical Care	54		336	390
VI	Advanced Health/physical Assessment	70	48	576	694
TOTAL		336	96	1776	2208

#### Part 2- Second academic Year

VII	Specialty Course Foundations of Critical Care Nursing Practice	96	48	576	720
VIII	Critical Care Nursing I	96	48	576	720
IX	Critical Care Nursing II	96	48	624	768
TOTAL		288	144	1776	2208

**11. Thesis / Dissertation**

- a) Student shall have to prepare a research proposal ( synopsis) under the supervision of faculty as research guide and have to submit to the University within six months of admission for approval .
- b) Synopsis shall be got approved by the hospital ethical committee.
- c) The duly completed research report (Dissertation ) has to be submitted to the university six month before the final year examination.
- d) The essence of topic selection shall be its feasibility with available time frame and resources. The thesis work must be confirming to the approved synopsis.

The protocol of the thesis synopsis shall include sections as under-

I	Title Page
II	Forwarding page ( Registration of subject for dissertation)
III	Brief resume of Intended work – Introduction/ Back ground including gaping erecting knowledge
IV	Need for the study
V	Review of literature
VI	Statement of Problem
VII	Objectives
VIII	Variables under study
IX	Operational definition
X	Material and Manuals
XI	Method of Data collection
XII	List of references
XIII	Appendix, if any

It is to be prepared on A4 size paper in double space using Times New Roman font of size 12 with 1" margin both side duly justified format. The document should restrict to 15 pages and to be submitted in four copies.

**12. Evaluation Scheme**

- a) A student's performance will be evaluated through annual examination held at the end of each academic session and continuous assessment of both theory and practical in form of Class tests, assignments, Case/Clinical presentation, Clinical or care pathway, Clinical performance evaluation, Objective Structured clinical Examination (OSCE), participation in co-curricular activities.
- b) The distribution of marks for the subjects shall be as per the evaluation scheme .

## First Year

Sl. No	Subject	Theory		Practical		Subject total
		Exam	Internal	Exam	Internal	
1	Research Application and evidence Based Practice in Critical Care	70	30	-	-	100
2	Advanced skills in Leadership, Management and Teaching	70	30	-	-	100
3	Advance Pathophysiology & Advanced Pharmacology relevant to Critical Care	70	30	-	-	100
4	Advanced health / physical Assessment	70	30	50	50	200
5	Theoretical Basis for Advanced Practice Nursing	-	50	-	-	50
Total		280	170	50	50	550

## Second Year

Sl. No	Subject	Theory		Practical		Subject total
		Exam	Internal	Exam	Internal	
1	Foundations of Critical Care Nursing Practice	70	30	100	100	300
2	Critical Care Nursing I	70	30	100	100	300
3	Critical Care Nursing II	70	30	100	100	300
4	Dissertation and viva			50	50	100
Total		210	90	350	350	1000

**13. Examinations**

- In an academic year two university examinations shall be conducted.
- The main examination shall be held at the end of the academic year and the other examination – supplementary examination will be conducted within two months of declaration of main examination result.
- A student shall be allowed to appear in final year examination only after submission of dissertation
- The maximum duration permitted to complete the course is four years and he/ she is permitted to have two attempts for a subject.

**14. Qualifying standards**

- A student is declared pass in a subject provided he/she score 60% or above.
- The marks obtained in the University examination and in the internal assessment of the subject shall be added to compute subject percentage.

**15. Promotion Rules**

- a) A student satisfying qualifying standard for all subjects shall be declared pass in the academic year.
- b) A student not cleared, fail in theory or/ and practical, shall be required to reappear in both theory and practical examination during the next examinations. In such cases, internal assessment of the subject ( theory and /or practical ) can be revised based on student performance in test / stand up examination conducted.

**16. Results**

- a) The examination result of student shall be declared separately for each part which will indicate the status of his/her performance of the academic year.
- b) The final result for declaring division and award of Post graduate shall be prepared on the basis of cumulative performance of student in each part.
- c) A student result shall be updated of related academics year based on his/her subject outcome on appearing in upcoming examinations, however internal assessment shall remain unchanged.

**17. Award of division**

- a) The division to a student shall be awarded on the basis of his/her "FINAL RESULT" at the end 2<sup>nd</sup> year examination.
- b) A student will be said to have secured "First Division with Honors" if he/she obtain 75% or more marks in the final result, provided he/she has passed all the examinations in first attempt and without invoking grace marks.
- c) A student will be said to have secure the "First Division" if he/she have obtained 60% or more marks in final result.

**18. Merit List**

The merit list to award the rank shall be prepared on the basis of aggregate marks of final result. However those students who have passed all examination in first attempt without invoking any grace marks shall be eligible for award of rank.

**19. Award of Degree**

The student shall be eligible for award of Post Graduate degree- M Sc. (Nurse practitioner in Critical Care) on successful completion of prescribed course of study and have been declared pass in final result.

**20. Power to Amend the Ordinance**

The "Academic Council" shall have the powers to relax, amend any or all the provisions of the Ordinances, subject to the approval of the "Executive Council" of the University. However amendment shall not be in contravention of guidelines and directives of Indian Nursing council.

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Handwritten signatures of university officials, including "Bareilly International University" and "M Sc ( Nurse Practitioner in Critical Care)".

**ROHILKHAND COLLEGE OF NURSING, BAREILLY**  
**CONSTITUENT UNIT OF BAREILLY INTERNATIONAL UNIVERSITY, BAREILLY**

NPCC - N6W

**INCORPORATION IN BIU ORDINANCE FOR NURSE PRACTITIONER IN CRITICAL CARE POST  
GRADUATE RESIDENCY PROGRAM ACCORDING TO INC CIRCULAR**

**DATE: 04/03/2022**

S.No.	RECOMMENDATIONS OF INC (CIRCULAR No.)	RECOMMENDATION	AS PER OLD BIU ORDINANCE	STATUS	ACTION
1.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	<b>I. Essentiality Certificate</b> <ul style="list-style-type: none"> <li>a. If any institution opting to start NP program already has B.Sc. (N) or M.Sc. (N) program recognized by INC, it will be exempted from NOC/ Essentiality Certificate for NP in critical care post graduate residency program from State Government.</li> <li>b. If the institution is having any University education program of training nurses and doctors or if they have DNB program, NOC will not be required to start NP program.</li> </ul>		General Information	Already Following
2.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	<b>II. Faculty/ Staff resources</b> <ul style="list-style-type: none"> <li>a. Clinical area: Full time qualified GNM with 6 years of experience in critical care nursing or B.Sc. with 2 years experience in critical care nursing or M.Sc.(Specialty- Medical Surgical Nursing/ Pediatric Nursing/ Obstetrics &amp; Gynaecology Nursing) with one year critical care nursing experience (One faculty for every 10 students)</li> </ul>		General Information	Already Following
3.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	<b>III. Teaching Faculty:</b> <ul style="list-style-type: none"> <li>a. Professor/ Associate professor-1(Teaching experience- 5 years post PG), Assistant professor- 1 (Teaching experience- 3 years post B.Sc.)</li> </ul>		General Information	Already Following
4.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	<b>IV. Guest Lectures:</b> for pharmacology		General Information	
5.	As per INC letter F.	<b>V. Student Recruitment/ Admission Requirements</b> <ul style="list-style-type: none"> <li>a. Applicant must possess a registered B.Sc. Nurse with a minimum of one year clinical experience, preferably in any critical care setting prior to enrollment.</li> <li>b. Must have undergone the B.Sc. in an institution recognized by the Indian Nursing Council.</li> </ul>	A candidate must have passed B.Sc. (Nursing)/ Post Basic B.Sc. (Nursing) Scoring not less than 55% from an institute/ college recognized by Indian Nursing Council.		



	No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	<p>c. Must have secured not less than 55% aggregate marks in the B.Sc. program.</p> <p>d. Selection must be based on the merit of an entrance examination and interview held by the competent authority.</p> <p>Number of candidates: 1 candidate for 4-5 ICU beds,</p> <p><b>Salary:</b> In-service candidate will get regular salary. Salary for the other candidates as per the salary structure of the hospital where the course is conducted.</p>	<p>A candidate must have minimum one year of clinical experience, preferably in any critical care setting prior to enrollment.</p> <p>The candidate is having registration with Nursing Council.</p> <p>Admission to the program shall be made once in a year.</p> <p>Admission to the program is open to both male and female candidate.</p> <p>A candidate shall have to be medically fit.</p> <p>The merit list shall be drawn based on written test and interview by designate authority.</p> <p>Admission and last date for admission shall be as 31<sup>st</sup> October of the admission year.</p>	Need to be incorporated in ordinance 2021-2022 session onwards.	Incorporated in S.No 2(a) Page No.-01
6.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	<p><b>VI. Examination Regulations</b></p> <p>Eligibility for appearing for the examination</p> <p>Attendance: Theory, practical and Clinical-100%</p> <p>Classification of results</p> <p>Pass: 50% pass in theory and Clinical Practicum</p> <p>Second Division: 50-59%</p> <p>First Division : 60-74%</p> <p>Distinction: 75% and above</p> <p>For declaring the rank, aggregate of two years marks will be considered</p> <p>If the candidate fails in theory or practical, he/she has to reappear for the paper in which he/she has failed.</p> <p>Maximum Number of attempts= 2, Maximum period to complete the program = 4 years</p> <p>Practicum: 6 hours of examination per student</p> <p>Maximum number of students per day= 5 students</p> <p>Examination should be held on clinical area only.</p> <p>Examined by one internal and one external examiner.</p> <p>The examiner should be M.Sc. faculty teaching the NP program with minimum two year of experience.</p>		Already exiting in Ordinance	Incorporated in S.No. 13 Page No.-04
7.	As per INC letter F.	<p><b>VII. Dissertation</b></p> <p>Submission of the research proposal: By 6 months in first year</p> <p>Submission of the dissertation final: 6 months before the completion of second year.</p> <p>Research Guides: Main guide- Nursing faculty (3 years experience)</p>	<p>Student shall have to prepare Research Proposal (Synopsis) under the Supervision of faculty as research guide and have to submit to the University within six months</p>	General	Already

	No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	teaching NP program Co Guide: Medical preceptor Guide student ratio 1:5 There should be a separate research committee in the college/hospital to guide and oversee the progress of the research (minimum of 5 members with principal or CNO-M.Sc. N) Ethical clearance should be obtained by the hospital ethics committee.	of admission for the approval. Synopsis shall be got approved by the hospital ethical committee. The duly completed research paper (Dissertation) has to be submitted to the university six month before the final Examination. The essence of the topic selection shall be its feasibility with available time frame and resources. The thesis work must be confirming to the approval synopsis.	Information	Following											
8.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	VIII. <b>Assessment (formative and Summative)</b> Nursing Process report/ Care study Report	A student's performance will be evaluated through annual examination held at the end of each academic session and continuous assessment of both theory and practical in form of Test Papers, Written assignments, term Papers, clinical seminar, Case and clinical presentations, Clinical and Care Pathway, journal club presentations, Objective structured clinical examination (OSCE), drug studies, participation in co-curricular activities.	General Information												
9.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	IX. <b>Assessment (Formative and Summative)</b> Objective structured Clinical Examination(OSCE)/ OSPE		General Information	Already Following											
10.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	X. <b>Assessment (Formative and Summative)</b> Nil		General Information												
11.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	XI. <b>Course Instruction</b> <table border="1" data-bbox="670 952 1206 1269"> <thead> <tr> <th></th> <th>Theory (Hrs)</th> <th>Lab/ Skill Lab (Hrs)</th> <th>Clinical (Hrs)</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;">I Year</td> </tr> <tr> <td>III. Advanced skills in Leadership, Management and teaching skills</td> <td>56</td> <td>24</td> <td>184 4 wks</td> </tr> </tbody> </table>		Theory (Hrs)	Lab/ Skill Lab (Hrs)	Clinical (Hrs)	I Year				III. Advanced skills in Leadership, Management and teaching skills	56	24	184 4 wks	Need to be incorporated in ordinance 2021-2022 session onwards.	Incorporated in S.No 10 Page No.-02
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 Dr. S. S. Srinivas

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13.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	XIII. Course of Instruction <p>I year: 336-96-1776hrs (Theory-skill lab-clinical) (Theory + Lab= 20%, clinical= 80%) II year : 288-144-1776hrs ( “ “ ) (Theory + Lab= 20%, Clinical= 80%)</p>		General Information	To be follow																								
14.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	XIV. Clinical Practice <p>8 hours duty with one day off in a week and on call duty one per week</p> <p><b>Clinical Placement:</b></p> <p>I Year: 44 wks (excludes 2 weeks of introductory block classes and workshop) Medical ICU- 12 weeks Surgical ICU- 12 weeks Cardio/ Cardio Thoracic (CT) ICU- 8 weeks Emergency Department- 6 weeks Other ICUs (Neurology, Burns, Dialysis unit)- 6 weeks</p> <p>II Year: 45 weeks (excludes one week of block classes) Medical ICU- 12 weeks Surgical ICU- 12 weeks Cardio/ Cardio Thoracic (CT) ICU- 8 weeks Emergency Department- 8 weeks Other ICUs (Neurology, Burns, Dialysis unit)- 6 weeks</p>		General Information	To be follow																								
15.	As per INC letter F. No.11-1/2019-INC Dated	XV. Clinical Practice <p>Procedures / log book At the end of each clinical posting, clinical log book (specific</p>		General Information	To be follow																								

	27 <sup>th</sup> DECEMBER 2021	competencies/ Clinical Skills & Clinical Requirements) has to be signed by the preceptor every fortnight.																											
16.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	<p><b>XVI. Clinical Practice</b>            Institutional Protocols/ standing orders based administration of drugs &amp; ordering of investigations and therapies            The students will be trained to independently administer drugs and order diagnostic tests, procedures, medical equipment and therapies as per institutional protocols/ standing orders.            Administration of emergency drugs is carried out in consultation with concerned physician and endorsed later by written orders.</p>		General Information	To be follow																								
17.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	<p><b>XVII. Clinical Practice :</b>            Implementation of Curriculum – A tentative Plan</p> <table border="1"> <thead> <tr> <th>I yr Courses</th> <th>Introductory Classes</th> <th>Workshop</th> <th>Theory integrated in clinical practicum</th> </tr> </thead> <tbody> <tr> <td>Research Application and Evidence Based Practice in Critical Care (56+24)</td> <td>8</td> <td>40(5Day)+ 6 hrs</td> <td>1x26=26hrs</td> </tr> <tr> <td>Advanced skills in leadership, Management and Teaching (56+24)</td> <td>12</td> <td>2hrs (Block Classes)</td> <td>1x26=26hrs 2.5x16=40hrs</td> </tr> <tr> <td>Advanced Pathophysiology (60)</td> <td></td> <td></td> <td>1.5x37=56hrs</td> </tr> <tr> <td>Advanced Pharmacology (54)</td> <td></td> <td></td> <td>1x44=44hrs</td> </tr> <tr> <td>Advanced Health Assessment (70+40)</td> <td>6hrs</td> <td></td> <td>2x26=52hrs 1.5x18=27hrs 1x12=12hrs</td> </tr> </tbody> </table>	I yr Courses	Introductory Classes	Workshop	Theory integrated in clinical practicum	Research Application and Evidence Based Practice in Critical Care (56+24)	8	40(5Day)+ 6 hrs	1x26=26hrs	Advanced skills in leadership, Management and Teaching (56+24)	12	2hrs (Block Classes)	1x26=26hrs 2.5x16=40hrs	Advanced Pathophysiology (60)			1.5x37=56hrs	Advanced Pharmacology (54)			1x44=44hrs	Advanced Health Assessment (70+40)	6hrs		2x26=52hrs 1.5x18=27hrs 1x12=12hrs		General Information	To be follow
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			2x7=14hrs 2x2= 4hrs		
		I Year- Introductory classes =1 week, Workshop= 1 week 44 weeks= 7.5hrs/week			
18.	As per INC letter F. No.11-1/2019-INC Dated 27 <sup>th</sup> DECEMBER 2021	<p><b>XVIII. ASSESSMENT GUIDELINES (Including OSCE guidelines )</b></p> <p><b>INTERNAL ASSESSMENT (Theory and practical)</b></p> <p><b>I Year</b></p> <p><b>1. Theoretical Basis for Advanced Practice Nursing</b> College Examination of theory only: 50n marks Internal Assessment: Test papers and Quiz: 10 marks Written assignment/term paper: 10 marks (Global and national health care trends &amp; policies) Clinical seminar (Clinical/ Care pathway in specific clinical condition/ Application of specific nursing theory): 5 marks Final Theory College Exam : 25 Marks Total Marks: 50 Marks</p> <p><b>2. Research Application and Evidence Based Practice in Critical Care Theory:</b> Test Paper: 20 Marks Written assignment: 5 Marks (Literature review/ Preparation of research Instrument). Journal Club: 5 marks (Analysis of research evidence for ICU Nursing competencies. Total: 30 Marks</p> <p><b>3. Advanced Skills in Leadership, Management and Teaching Skills Theory:</b> Test Paper: 15 Marks Journal Club (Trends in Leadership/ Management/ Teaching): 5 Marks Written Assignment: 5 Marks (ICU work place violence) Microteaching: 5 marks Total: 30 Marks</p> <p><b>4. Advanced Pathophysiology &amp; Advanced Pharmacology relevant to Critical Care</b> Theory: Test Papers and Quiz: 20 marks (Pathophysiology-10, Pharmacology-10) Drug Studies: 5 Marks (Drug study and presentation) Case Presentation and Case study report (Pathophysiology): 5marks Total:30 marks</p> <p><b>4.Advanced Health/Physical Assessment</b> Theory: Test Paper:20 marks Written assignment 10 marks (Diagnostic/ investigatory reports- interpretation and analysis of finings) Total: 30marks Practicum: Clinical performance evaluation:10 marks End of posting exam (OSCE): 10 marks Case presentation and case study report: 5marks</p>	General Information	Already Following need to exclude	

Internal OSCE: 25 marks  
Total Internal Practical : 50 marks  
End of posting exam can be conducted in any two ICUs (Medical ICU and Surgical ICU preferable)

## **II Year**

### **1. Foundation of Critical Care Nursing Practice**

#### **Theory:**

Test Paper and Quiz:20  
Written assignment : 10 marks (ICU protocols)  
Total: 30 marks

#### **Practicum:**

Clinical Performance Evaluation: 20 marks  
End of posting exam (OSCE): 10 marks  
Drug studies (Drug study and presentation): 10 marks  
Case presentation (Application of Clinical/ Care Pathway): 5 marks

**Internal OSCE: 50 marks**

**Total Internal Practical : 100 marks**

### **2. Critical Care Nursing I**

#### **Theory:**

Test papers and Quiz: 20 marks  
Clinical Seminar and Journal Club: 10 marks  
Total: 30 marks

#### **Practicum:**

Clinical performance evaluation: 20 marks  
End of posting exam (OSCE): 10 marks  
Clinical Presentation: 10 marks  
Case study report: 10 marks

**Internal OSCE: 50 marks**

**Total Internal Practical: 100 marks**

### **3. Critical Care Nursing II**

#### **Theory:**

Test paper: 20 marks  
Clinical Seminar: 10 marks  
Total: 30 marks

#### **Practicum:**

Clinical performance evaluation: 20 marks  
End of posting exam (OSCE): 10 marks  
Clinical Presentation: 10 marks  
Case study report( Developed clinical/ care pathway): 10 marks

**Internal OSCE: 50 marks**

**Total Internal Practical: 100 marks**

End of posting exam can be conducted in any two ICUs (Medical ICU and Surgical ICU preferable)

*Dr. Biju Suresh M.D*

#### 4. Dissertation Practicum: 50 marks

## **EXTERNAL (FINAL) EXAMINATION ( As per schedule in syllabus)**

Theory: Short answer and essay type questions (Weightage can be decided by the University) (Essay 2X15 marks= 30, Short Answers 5X6 marks=30, Very Short 5X2 marks= 10)

## **OSCE GUIDELINES FOR INTERNAL AND EXTERNAL PRACTICAL EXAMINATION**

## I YEAR

## I. HEALTH ASSESSMENT

## INTERNAL

## **OSCE:25 marks**

**CORE COMPETENCY DOMAINS**

1. Focused history taking and physical examination of adult patient.
2. Focused history taking and physical examination of pediatric patient.
3. Interpretation of finding and results.
4. Monitoring of clinical parameters.

4. Monitoring of clinical parameters:  
Number of stations : 5 (4+1 Rest station)

Number of stations : 5 (4+1 Rest station)  
Time for each Station: 10 minutes

Marks for each station : 5 marks ( As per competency check list and allotted marks)

Total  $4 \times 5 = 20$  marks

Total 4x5 = 20 marks

Oral exam 5 min

## EXTERNAL

### OSCE: 50 marks

1. Focused history taking of adult patient.
2. Focused physical examination of adult patient.
3. Focused history taking of pediatric patient.
4. Focused physical examination of pediatric patient.
5. Interpretation of history and physical examination findings.
6. Interpretation of results of lab and diagnostic tests.
7. Monitoring clinical parameters.

Number of stations : 10 (8+2 Rest station)

Time for each Station: 10 minutes

Marks for each station : 5 marks ( As per competency check list and allotted marks)

Total 8X5= 40 marks

Oral exam = 10 marks

Total= 50 marks

On completion of procedural competencies in log book and clinical requirements, the NP student is qualified to appear for final practical examination.

**II Year**

**I. FOUNDATIONS OF CRITICAL CARE NURSING INTERNAL**

**OSCE: 50 Marks**

**CORE COMPETENCY DOMAINS**

1. Focused history taking and physical examination and interpretation of findings and results.
2. Monitoring competencies (Invasive and Non-invasive)
3. Therapeutic interventions (Emergency procedural competencies) including drug administration.
4. Family education and counseling.

Number of stations : 5 (4+2 Rest station)

Time for each Station: 10 minutes

Marks for each station : 5 marks ( As per competency check list and allotted marks)

Total  $8 \times 5 = 40$  marks

Oral exam = 10 marks

Total= 50 marks

**EXTERNAL**

**OSCE: 100 marks**

**CORE COMPETENCY DOMAINS**

1. Focused history taking, physical examination and interpretation of results of adult patient
2. Focused history taking, physical examination and interpretation of results of pediatric patient
3. Monitoring competencies (Invasive and noninvasive)
4. Monitoring competencies (Invasive and noninvasive)
5. Development of care plan
6. Family education and counseling
7. Therapeutic interventions (Emergency procedures) including drug administration
8. Therapeutic interventions (Emergency procedures) including drug administration

Number of stations: 10 (8+2 Rest stations)

Time for each station: 10 minutes

Marks for each station: 10 marks (As per competency check list and allotted marks)

Total:  $8 \times 10 = 80$  marks

Oral exam = 20 marks

Total = 100 marks

**II & III. CRITICAL CARE NURSING I & II**

**INTERNAL**

**OSCE: 50 marks**

**CORE COMPETENCY DOMAINS**

1. Focused history taking and physical examination and interpretation of findings and results
2. Monitoring competencies (Invasive and noninvasive)
3. Development of plan of care/care pathway
4. Therapeutic interventions (Emergency procedural competencies) including drug administration.

**Number of stations: 5 (4+1 Rest station)**

**Time for each station: 10 minutes**

**Marks for each station: 10 marks (As per competency check list and allotted marks)**

**Total:  $10 \times 4 = 40$  marks**

**Oral exam = 10 marks**

**Total = 50 marks**

**EXTERNAL**

**OSCE: 100 marks**

**CORE COMPETENCY DOMAINS**

1. Focused history taking, physical examination and interpretation of results of adult patient
2. Focused history taking, physical examination and interpretation of results of pediatric patient
3. Monitoring competencies (Invasive and noninvasive)
4. Family education and counseling
5. Development of plan of care/care pathway
6. Family education and counseling
7. Drug administration
8. Therapeutic interventions (Emergency procedures)

**Number of stations: 10 (8+2 Rest stations)**

**Time for each station: 10 minutes**

**Marks for each station: 10 marks (As per competency check list and allotted marks)**

**Total:  $8 \times 10 = 80$  marks**

**Oral exam = 20 marks**

**Total = 100 marks**

**On completion of procedural competencies in log book and clinical**

**Requirements, the NP student is qualified to appear for final practical Examination**

## **Ordinance of Nurse Practitioner in Critical care Post graduate Residency program**

### **1. Scope**

- a) This ordinance shall apply to the Post Graduate residency program leading to Nurse Practitioner in critical care.
- b) The various clauses of this ordinance and syllabus of this program are subject to provision and circulars notified by Indian Nursing Council.
- c) Any change/revision/modification as well resolution passed/circular issued by the Indian Nursing Council, shall be incorporated as it is by the University in their compliance with immediate effect.

### **2. Eligibility for Admission**

- a) A candidate must have passed B Sc (Nursing) / Post Basic B Sc( Nursing) scoring not less than 55% from an institute / college recognized by Indian Nursing council.
- b) A candidate should have minimum one year post qualification clinical experience.
- c) The candidate is having registration with Nursing council.

### **3. Admission**

- a) Admission to the program shall be made once in a year.
- b) Admission to the program is open to both male and female candidates.
- c) A candidate shall have to be medically fit.
- d) Admission shall be made on merit basis.
- e) The merit list shall be drawn based on written test and interview by designate authority.
- f) Admission and last date for admission shall be as 31<sup>st</sup> October of the admission year.

### **4. Program Duration**

- a) The duration of the program leading to award of Post graduate in Nurse Practitioner in Critical care shall be of two academic years (1st October to 30<sup>th</sup> September).
- b) The maximum duration for completion of program shall be four years.

### **5. Annual Intake**

The number of students shall be admitted as approved by the executive council of the university subject to maximum seat sanctioned by the Nursing Council of India.

### **6. Medium of Instruction**

The medium of instruction, subjects of study and examination shall be English.

### **7. Attendance**

- a) The student is required to attend all the lectures and practical of every subject as also the curricular and co-curricular activities and not absent himself / herself without valid reasons.
- b) A student must have 100% attendance in theory and practical of each subject .
- c) This is a full time course and no student is permitted to engage in any clinic / laboratory / nursing home during the study period.
- d) Any student who fails to comply in the manner stated above shall not be permitted to appear for the University Examinations.

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### 8. Organization of the Program

- a) The period of 1<sup>st</sup> October to 30<sup>th</sup> September shall constitute one academic year.
- b) There shall be minimum 46 weeks devoted for academic activities, including examination.
- c) The academic activities shall be carried for minimum 48 hrs per week, however it is flexible with different shifts and off followed by on call duty.
- d) The course delivery in each academic year shall be carried out in accordance with minimum hours assigned to each subject and allied activities.

### 9. Syllabi:

The syllabi of the program shall contain subject wise content details as prescribed by Indian Council of Nursing duly approved by Board of study and academic council and shall be published separately.

### 10. Program Curriculum

The program curriculum consists of theory examination, practical / clinical and dissertation ( Thesis ).

The program duration is divided into two parts. The entire curriculum shall be completed as per teaching Scheme.

#### Part 1 – First Academic Year

	Core Course	Theory ( Hrs. )	Practical Hrs		Total
			Lab	Clinical	
I	Theoretical Basis for Advanced Practice Nursing	40			40
II	Research Application and Evidence Based Practice in Critical Care	56	24	336	416
III	Advanced skills in Leadership, Management and Teaching Skills	56	24	192	272
<b>Advanced Practice Courses</b>					
IV	Advanced Pathophysiology applied to Critical Care	60		336	396
V	Advanced Pharmacology applied to Critical Care	54		336	390
VI	Advanced Health/physical Assessment	70	48	576	694
<b>TOTAL</b>		<b>336</b>	<b>96</b>	<b>1776</b>	<b>2208</b>

#### Part 2- Second academic Year

VII	Specialty Course Foundations of Critical Care Nursing Practice	96	48	576	720
VIII	Critical Care Nursing I	96	48	576	720
IX	Critical Care Nursing II	96	48	624	768
<b>TOTAL.</b>		<b>288</b>	<b>144</b>	<b>1776</b>	<b>2208</b>

### 11. Thesis / Dissertation

- a) Student shall have to prepare a research proposal ( synopsis) under the supervision of faculty as research guide and have to submit to the University within six months of admission for approval .
- b) Synopsis shall be got approved by the hospital ethical committee.
- c) The duly completed research report (Dissertation ) has to be submitted to the university six month before the final year examination.
- d) The essence of topic selection shall be its feasibility with available time frame and resources. The thesis work must be confirming to the approved synopsis.

The protocol of the thesis synopsis shall include sections as under-

I	Title Page
II	Forwarding page ( Registration of subject for dissertation)
III	Brief resume of Intended work – Introduction/ Back ground including gaping erecting knowledge
IV	Need for the study
V	Review of literature
VI	Statement of Problem
VII	Objectives
VIII	Variables under study
IX	Operational definition
X	Material and Manuals
XI	Method of Data collection
XII	List of references
XIII	Appendix, if any

It is to be prepared on A4 size paper in double space using Times New Roman font of size 12 with 1" margin both side duly justified format. The document should restrict to 15 pages and to be submitted in four copies.

### 12. Evaluation Scheme

- a) A student's performance will be evaluated through annual examination held at the end of each academic session and continuous assessment of both theory and practical in form of Class tests, assignments, Case/Clinical presentation, Clinical or care pathway, Clinical performance evaluation, Objective Structured clinical Examination (OSCE), participation in co-curricular activities.
- b) The distribution of marks for the subjects shall be as per the evaluation scheme.

## First Year

Sl. No	Subject	Theory		Practical		Subject total
		Exam	Internal	Exam	Internal	
1	Research Application and evidence Based Practice in Critical Care	70	30	-	-	100
2	Advanced skills in Leadership, Management and Teaching	70	30	-	-	100
3	Advance Pathophysiology & Advanced Pharmacology relevant to Critical Care	70	30	-	-	100
4	Advanced health / physical Assessment	70	30	50	50	200
5	Theoretical Basis for Advanced Practice Nursing	-	50	-	-	50
Total		280	170	50	50	550

## Second Year

Sl. No	Subject	Theory		Practical		Subject total
		Exam	Internal	Exam	Internal	
1	Foundations of Critical Care Nursing Practice	70	30	100	100	300
2	Critical Care Nursing I	70	30	100	100	300
3	Critical Care Nursing II	70	30	100	100	300
4	Dissertation and viva			50	50	100
Total		210	90	350	350	1000

**13. Examinations**

- In an academic year two university examinations shall be conducted.
- The main examination shall be held at the end of the academic year and the other examination – supplementary examination will be conducted within two months of declaration of main examination result.
- A student shall be allowed to appear in final year examination only after submission of dissertation
- The maximum duration permitted to complete the course is four years and he/ she is permitted to have two attempts for a subject.

**14. Qualifying standards**

- A student is declared pass in a subject provided he/she score 60% or above.
- The marks obtained in the University examination and in the internal assessment of the subject shall be added to compute subject percentage.

**15. Promotion Rules**

- a) A student satisfying qualifying standard for all subjects shall be declared pass in the academic year.
- b) A student not cleared, fail in theory or/ and practical, shall be required to reappear in both theory and practical examination during the next examinations. In such cases, internal assessment of the subject ( theory and /or practical ) can be revised based on student performance in test / stand up examination conducted.

**16. Results**

- a) The examination result of student shall be declared separately for each part which will indicate the status of his/her performance of the academic year.
- b) The final result for declaring division and award of Post graduate shall be prepared on the basis of cumulative performance of student in each part.
- c) A student result shall be updated of related academics year based on his/her subject outcome on appearing in upcoming examinations, however internal assessment shall remain unchanged.

**17. Award of division**

- a) The division to a student shall be awarded on the basis of his/her "FINAL RESULT" at the end 2<sup>nd</sup> year examination.
- b) A student will be said to have secured "First Division with Honors" if he/she obtain 75% or more marks in the final result, provided he/she has passed all the examinations in first attempt and without invoking grace marks.
- c) A student will be said to have secure the "First Division" if he/she have obtained 60% or more marks in final result.

**18. Merit List**

The merit list to award the rank shall be prepared on the basis of aggregate marks of final result. However those students who have passed all examination in first attempt without invoking any grace marks shall be eligible for award of rank.

**19. Award of Degree**

The student shall be eligible for award of Post Graduate degree- M Sc. (Nurse practitioner in Critical Care) on successful completion of prescribed course of study and have been declared pass in final result.

**20. Power to Amend the Ordinance**

The "Academic Council" shall have the powers to relax, amend any or all the provisions of the Ordinances, subject to the approval of the "Executive Council" of the University. However amendment shall not be in contravention of guidelines and directives of Indian Nursing council.

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