



ACCELERATE
YOUR CAREER
GROWTH IN

Fellowship in
NEONATOLOGY



12 Months
Programme



Globally
Accredited



Placement
Assurance



Live Sessions by
Experienced Faculties

ABOUT MediCOLL

MediCOLL Learning online learning platform that encourages interaction and knowledge sharing among participants. Through discussion forums, live webinars, and virtual networking events, you can connect with fellow learners from around the world. This collaborative approach not only enhances your understanding of the subject matter but also provides opportunities for networking and building professional connections within the medical community.



In today's fast-paced world, online learning platforms have revolutionized education, making it more accessible and flexible. Medicoll Learning is an innovative online learning platform that serves the needs of medical professionals, MBBS graduates and Non-MBBS graduates, who aspire to pursue specialized fellowship courses. With a commitment to deliver high-quality education, Medicoll Learning offers a wide range of fellowship programs designed to enhance the knowledge, skills, and career prospects of medical professionals. One of the key advantages of MediCOLL Learning is its online learning format. This allows you to access your fellowship courses from anywhere, at any time, and at your own pace. The platform provides a user-friendly interface with a variety of learning resources, including video lectures, interactive quizzes, and case studies.

MediCOLL Learning places a strong emphasis on delivering high-quality medical education. The organization collaborates with renowned medical experts and practitioners to develop and deliver cutting-edge educational programs. By leveraging the expertise of industry leaders, Medicoll Learning ensures that its educational offerings are up-to-date, evidence-based, and aligned with the latest advancements in medical science and practice. The organization recognizes the importance of interactive and engaging education, incorporating a variety of teaching modalities such as case-based learning, simulations, hands-on workshops, and virtual learning platforms. These methods foster active participation, critical thinking, and practical application of knowledge, ensuring that learners are well-prepared to address real-world challenges. These fellowships provide healthcare professionals with advanced clinical training, research opportunities, and mentorship, enabling them to excel in their chosen specialties. The comprehensive nature of these fellowships equips participants with the skills and knowledge required to become leaders in their fields.

THE PARTNERS

ACADEMICS



TRAINING



ACADEMIC PARTNER MANGALAYATAN UNIVERSITY

To be a leader in education, an institution must be founded on two basic principles: keeping the interest of students as its foremost priority and recognizing that knowledge is ever-growing, omnipresent and requires the opening of minds.

At Mangalayatan University, we take pride in these two qualities being at

the core of our existence. Mangalayatan (translated as the germinal bed of positive thought) aims to perpetuate a culture of hardwork, embracing change and preparing oneself for the fast progressing world with the latest skills and the highest level of social and personal values. Situated 20 km from the Yamuna Expressway in Uttar Pradesh, Mangalayatan University was founded in 2006 and has graduated over 7000+ students. Nearly 3500+ students from India and abroad are currently studying on campus.

Mangalayatan University vision is to give students from all kinds of background, a quality educational experience leading to legitimately rewarding career opportunities.



WHY CHOOSE US?



- ✔ Globally Accredited Curriculum
- ✔ Hassle free admission, delivery and assessment
- ✔ International Accreditations
- ✔ Highly Experienced Faculties
- ✔ Clinical observership with leading Hospitals
- ✔ Fast Career Growth
- ✔ Easy EMI options available

NEONATOLOGY

NEONATOLOGY IS A SPECIALIZED BRANCH OF MEDICINE WITHIN

pediatrics that focuses on the intensive care and treatment of newborn infants, particularly those born prematurely or with medical complications. Neonatologists are specially trained to manage the unique health needs of newborns during their first 28 days of life, known as the neonatal period

The Fellowship in Neonatology program aims to provide comprehensive training to medical professionals in diagnosing, managing, and treating neonate disorders. Fellows will develop expertise in the field of neonatology, enabling them to deliver high-quality care to patients.

GLOBAL INSIGHT



3-10% of newborns need positive pressure ventilation (PPV) at birth due to failure to breathe spontaneously.



5-10% of newborns need help to start breathing immediately after birth.



Birth asphyxia accounts for approximately 25% of all neonatal deaths, significantly impacting infant mortality rates

Neonatology is a critical field dedicated to ensuring the survival and well-being of the most vulnerable patients—newborn infants. Through specialized care and advanced medical interventions, neonatologists play a vital role in supporting newborns and their families during the crucial early days of life

COURSE HIGHLIGHTS



12 Months of Programme



Live Sessions by Eminent Faculties



Globally Accredited



Flexible Learning Mode

LEARNERS TESTIMONIAL



Dr. Santosh Kamble



Best learning platform that keeps you updated with latest clinical methods.



Dr. Maheeb Rehman



Wonderful opportunity for Doctors who really want to improve their skills with knowledge



Dr. Aman Shaw



Excellent faculties & much informative study material with practical learning. I am truly impressed

COURSE MODULES

MODULE-1

Introduction to Neonatology

- History and evolution
- Importance of neonatology in healthcare
- Fetal development stages
- Physiological changes at birth

MODULE-2

Neonatal Assessment and Resuscitation

- Apgar score
- Physical examination of the newborn
- Common neonatal reflexes
- Neonatal Resuscitation Program (NRP) guidelines
- Initial steps of resuscitation
- Advanced resuscitation techniques

MODULE-3

Neonatal Nutrition and Growth

- Benefits of breastfeeding
- Techniques and positions for breastfeeding
- Common breastfeeding challenges and solutions
- Infant Nutrition Requirements and Options
- Formula feeding
- Parenteral nutrition

MODULE-4

Common Neonatal Conditions

- Transient tachypnea of the newborn (TTN)
- Physiology and types of jaundice
- Diagnosis and treatment of jaundice
- Respiratory Distress Syndrome (RDS)
- Meconium Aspiration Syndrome (MAS)
- Bronchopulmonary Dysplasia (BPD)
- Sepsis
- Meningitis

COURSE MODULES

MODULE-5

Neonatal Infections and Immunizations

- Common neonatal infections (sepsis, meningitis, pneumonia)
- Risk factors and prevention
- Diagnosis and treatment
- Recommended immunization schedule
- Vaccine types and administration
- Managing vaccine reactions

MODULE-6

Neonatal Intensive Care Unit (NICU) Management

- Structure and function of the NICU
- Role of healthcare professionals in the NICU
- Family-centered care in the NICU
- Mechanical ventilation and CPAP
- Surfactant therapy
- ECMO and other advanced therapies

MODULE-7

Neurological Disorders

- Neonatal seizures
- Intraventricular hemorrhage
- Hypoxic-ischemic encephalopathy

MODULE-8

Surgical and Genetic Conditions

- Congenital diaphragmatic hernia
- Tracheoesophageal fistula
- Gastroschisis and omphalocele
- Down syndrome
- Turner syndrome
- Genetic counseling and testing

COURSE OUTCOMES

UPON COMPLETION OF THE PROGRAMME ONE SHOULD BE ABLE TO...

01

Fellows gain specialized knowledge in neonatal care, enabling them to manage complex and high-risk cases effectively.

02

Extensive hands-on training in NICUs enhances clinical skills and decision-making abilities in critical situations.

03

Fellows engage in cutting-edge research, contributing to advancements in neonatal medicine and improving patient outcomes.

04

Providing critical care to newborns and improving their health outcomes offers significant personal and professional satisfaction.

05

Working with a multidisciplinary team fosters collaboration and comprehensive care approaches.

ADMISSION PROCESS



Eligibility

- ✓ MBBS/MD/PHARM-D
- ✓ Practicing Physicians
- ✓ MD and DNB/FNB residents
- ✓ Medical Students who are in their final year can also apply.



Steps to Apply



Registration

Fill the application form and submit relevant documents



Fee Payment

Proceed with the fee payment after submitting the application form



Get Started

Once the application form is received along with documents and course fee, we will provide the login details to access the course



- ✓ Course duration – 10 Months (online) + 2 Months (observership)
- ✓ There will be an extra charge for the extension of the course validity.

Terms and conditions apply

Refer to FAQs on our each course page

For any queries write us at :
info@MediCOLL.org



+91 8062465200



www.MediCOLL.org



info@MediCOLL.org

