

**INDIRA GANDHI INSTITUTE OF CHILD HEALTH  
AUTONOMOUS INSTITUTE OF GOVT. OF KARNATAKA  
(A Post Graduate Institute of Higher Medical Sciences)**

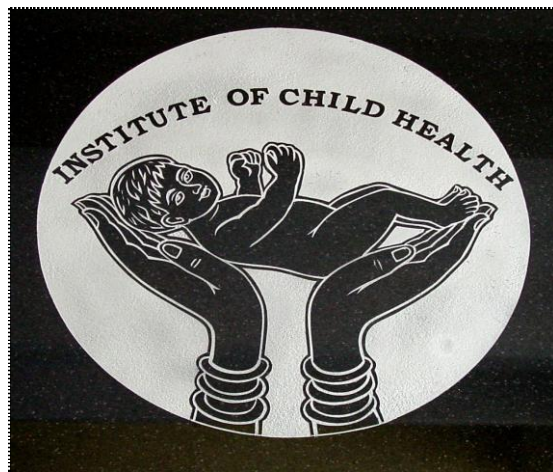
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Dharmaram College Post, (Near Nimhans)  
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**(AFFILIATED TO RAJIV GANDHI UNIVERSITY OF  
HEALTH SCIENCES, KARNATAKA)**



**PROSPECTUS  
FOR  
FELLOWSHIP PROGRAMME IN PAEDIATRIC  
INTENSIVE CARE**

**JANUARY – 2018**

INDIRA GANDHI INSTITUTE OF CHILD HEALTH,  
South Hospital Complex,  
Dharmaram College Post, (Near Nimhans)  
Bangalore-560 029.

## **FELLOWSHIP PROGRAMME IN PAEDIATRIC INTENSIVE CARE**

**GOALS OF TRAINING:** The general objective of these fellowships is sub-specialty training in cognitive, practical and technical aspects of pediatric intensive care

### **OBJECTIVES**

To provide the Fellow with

#### **Knowledge –**

- An individually tailored training programme appropriate to each Fellow's experience and goals
- A sound theoretical knowledge base in normal physiology and pathophysiology of critical illness in children.
- Up to date knowledge of treatment and technologies used in pediatric Intensive care

#### **Skills and Attitudes -**

- Clinical experience in the resuscitation, assessment and treatment of critically ill children
- Clinical experience in paediatric transport medicine.
- The opportunity to perform clinical research relevant to the practice of Paediatric Intensive Care
- Assessment, admission and initial management of medical emergency conditions in children.

#### **Communication abilities –**

To enhance confidence in fellows by means of case presentations and patient counseling thus contributing to a wholesome education of the resident.

## **COURSE CONTENTS (SYLLABUS)**

### **Essential Knowledge**

- Medical management of congenital heart diseases.
- Medical management of heart failure and severe dysrhythmias.
- Assessment, admission and initial management of critically ill children.
- Management of children with nephrological emergencies such as Acute renal failure and hypertensive emergencies
- Management of children with neurological emergencies such as seizure disorders, neuroinfection, stroke in young, Intracranial bleeds, Herniation syndromes etc.
- Knowledge of ventilator management for respiratory distress and respiratory failure.
- Endocrinological emergencies such as Diabetic Ketoacidosis, Addison's disease, etc
- Post-operative management of neurosurgical, orthopaedic, ENT, general surgical patients, Central role in the RCH Trauma Team, responding to high-level trauma calls in the Emergency Department.
- Providing advice, assessment and practical help (vascular access, procedures) to other clinical services and areas within IGICH.
- Responding to emergency calls for assistance including cardio respiratory arrest as part of the Medical Emergency Team.

### **Essential Investigation and Diagnostic Procedures**

- Management of beds having facilities of centralized oxygen and suction,
- 24 hour monitoring through a centralized monitoring system.
- Management of equipment available in the ICU such as ventilators, defibrillator, centralized monitoring with pulse oximeters and Non-Invasive and Central Venous line monitoring.
- Procedures including peritoneal dialysis, Intercostals Tube drainage, abdominal tap, Central Venous lines and other Cardiocerebro-pulmonary resuscitative measures.
- Assessment of ECHO cardiography, radiology and other diagnostic modalities available.

## **GRADING OF FELLOWS**

Fellow would be assessed regularly as part of the structured training schedule for the fellowship in a graded manner by various consultants and professors on a monthly basis.

### **TEACHING / LEARNING ACTIVITIES**

- A core teaching programme runs every day for 2 hours catering to all the post graduate students of the Hospital under the guidance of experienced staff.
- A mortality meet is conducted to analyse the management and pitfalls within the ICU to help the post graduates and doctors self assess themselves and thus learn.
- Trainees are given protected time to spend in other departments such as Pediatric Cardiology, Gastroenterology, Nephrology, Genetics, Neurodevelopment Clinics, Pediatric Anesthesia, Pediatric Surgery and other such specialities.
- Exclusive hands-on training is provided at the institute to all residents by experienced staff.

### **DEPARTMENTAL ACTIVITIES**

- 1) Journal review meetings- every alternate week
- 2) Seminars –Monthly
- 3) Clinico pathological Conferences – every 3 months
- 4) Inter departmental meeting - monthly
- 5) Clinical rounds – daily
- 6) Participation in conferences and presentation of papers – every 3 months

### **ROTATION AND POSTING IN OTHER DEPARTMENTS**

- 1) Basic medical sciences – 1 Months
- 2) Applied subjects – 15 days
- 3) Allied subjects – 15 days

### **ORIENTATION PROGRAMME**

Including the use of :

- Library facilities
- Laboratory procedures
- National Programmes

### **Research Projects**

All registrars and post graduates are encouraged (and expected) to undertake a research or audit project during their fellowship at IGICH. The can be a retrospective review, or a prospective study, or a case series. All projects will be supervised by PICU consultants. We also encourage trainees to consider a formal research period, which a view to a higher degree.

**MONITORING OF TEACHING -** Log book/Diary will be maintained supervised by the PICU consultants.

**SCHEME OF EXAMINATION**

THEORY EXAMINATION – includes 2 theory papers 100 marks each.

- Two long essays( 20 marks each)
- Remaining six short essays ( 10 marks each)

PRACTICAL EXAMINATION – 2 Cases – 75 marks each

VIVA VOCE – 50 marks

Total – 400 marks

• **Duration of Course:**

12 months (full time work as per RGUHS guidelines and not permitted to work elsewhere)

**Eligibility:**

- i) MD (Pediatrics), DNB or its Equivalent/DCH with Two Years Clinical Experience.

**Selection:**

1) Candidates will be selected from 4 member panel by interview  
(Approved by RGUHS)

2) If necessary entrance test will be conducted.

**Fees & Stipend:**

Fees for the course	:Rs.34820/-
Monthly stipend	:As per IGICH norms
	No stipend for deputed/sponsored Candidates.

\*In the event of the candidate leaving the course by discountenance or otherwise and thus failing to complete course;

1. The fee paid by candidate will not be refunded.
2. The stipend drawn by the candidate from the Institute during the period of the Fellowship programme to be paid to Institute.

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**Experience**

Preference will be given to candidates having three years experience after post graduation in the concerned specialty.

**Attendance & Leave:**

As per University Guidelines

**Faculty:**

Staff from Indira Gandhi Institute of Child Health, Bangalore

**Copies of certificates to be enclosed with application (Originals at the time of Interview)**

1. Photos –2
2. SSLC Marks card.
3. MBBS Degree Certificate and marks cards for all the four years.
4. MD(Paediatrics) /DCH Certificates / Marks Cards/ Convocation Certificate
5. KMC Registration(updated qualification) Certificate.
6. Application of in-service candidates should be routed through proper channel only.
7. Experience Certificate if any.

**\* This Fellowship Programme is not recognized by Medical Council of India.**

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|--|--------------------------|
| 1. Last date for receipt of completed application is | : 19.12.2017 at 5.00 PM  |
| 2. Date & Time of Interview                          | : 26.12.2017 at 11.30 AM |
| 3. Results will be displayed on the notice Board     | : 26.12.2017 at 5.15 PM  |
| 4. Last date of Admission                            | : 30.12.2017             |
| 5. Course Commence from                              | : 02.01.2018             |
| 6. Course Duration                                   | : One Year.              |

**Office Working days & time:**

**Monday to Saturday**  
10.00AM TO 5.30 PM

(DR.ASHA BENAKAPPA.)  
DIRECTOR  
IGICH., BANGALORE.