

# **INFECTION CONTROL NURSE (ICN) CERTIFICATION COURSE**

## **PROSPECTUS**

## **RAJAGIRI**

Carmelites of Mary Immaculate (CMI), founded in 1831 by St. Kuriakose Elias Chavara is the first indigenous religious order of the Catholic Church in India. Till date, it remains the largest among various such Christian initiatives in India with the mission of propagating and practicing love, truth, service and justice. It has grown having almost 2500 members, and 15 provinces spread all over the country and abroad, finding newer ways and avenues to spread the good news of God's love and care.

The CMI across the globe, during the past two centuries, have tried to give expression to the good news of God's care and concern in many and new ways, especially through the liberating mission of education. It has established a unique and unparalleled tradition in this field, by steady and systematic steps in covering all avenues of education.

One of the recent steps in this continuing mission has been the entry of CMI into healthcare and medical education, with Amala Hospital and Medical College establishing one of the new generation medical colleges in Thrissur, which has already carved a niche in the field of medical education in the state.

Sacred Heart Province, Kochi, popularly known as RAJAGIRI, of the CMI has been the leader as far as quality and advanced education is concerned. It has been in the forefront in the quality movement in education – in school, college and technical and professional education in the state. The Rajagiri brand in education is renowned for its unique blend of quality – of the best in teaching-learning of curriculum, and going beyond curriculum by reaching out the benefits of education to society at large.

Rajagiri Hospital is a prestigious initiative from the Rajagiri (CMI) group of institutions based in the pristine State of Kerala (India), to provide state of the art healthcare services.

This mega project is indeed a thoughtful response to the vital needs of the present day health care sector, mainly that of offering quality and affordable medical care at the hands of committed and competent health care professionals. The idea is to bring the highest standards of expertise and skill involved in the treatment of patients, using the most advanced and sophisticated instrument techniques available currently in the world and to bring the benefit of these at affordable rates. Rajagiri hospital has been accredited by the National Accreditation Board for Hospitals & Healthcare Providers (NABH) and has been awarded accreditation by Joint Commission International (JCI), as an ultimate stamp on the safety and quality of the services rendered here.

The Rajagiri campus for 'Rajagiri Healthcare and Education Project' is a well laid out, sprawling 40-acre green landscape in the serene setting of Chunangamvely, Aluva, in close proximity to the Cochin International Airport.

## **OUR VISION**

"... to give life abundantly"

## **OUR MISSION**

\*\* To provide the most advanced & scientific, curative, preventive & promotive healthcare that leads to an 'abundance of life'.

\*\* To undertake specialized and holistic healthcare services of world standard and to provide them to all sections of the society, with special concern for the marginalized.

\*\* To grow into a model & global leader in healthcare, innovative teacher in medical sciences & pioneering research centre on health.

## **Infection Control Nurse (ICN) Certification Course Description**

The Certificate in Infection prevention and control course is designed to provide knowledge about the impact of Hospital Acquired Infections (HAIs) and the roles of various stakeholders involved in prevention and control. The course incorporates best practices recommended by the latest guidelines. The topics included in this course talk about how and why infections occur in hospital and ways to avoid such infection in the first places. The course also covers how to handle biomedical and hazardous wastes and disinfecting methods in the hospital environment.

## **COURSE DETAILS**

- **Duration:** 3 months
- **No. of seats:** 3
- **Academic Requirement:** Pass in higher secondary examination of Kerala or an examination equivalent thereto, with at least 50% marks in Physics, Chemistry, and Biology (aggregate), should be registered under Kerala Nursing Council.
- **Age:** Should have completed 17 years as on application date.
- **Mode of Selection:** On the basis of personal interview.
- **Proposed Course Fees :** 15000Rs (5000Rs/month)

*The management reserves the right to deny admission to any candidate without assigning any reason whatsoever.*

- Hostel facility will not be available.
- The students are liable to compensate for any damage to hospital property or breakage of any equipment caused by them.

## **AIM**

At the end of the training course the RN will be able to develop in- depth knowledge and develop comprehensive coverage of Health care associated infections and their prevention. Also get enabled to head the infection prevention team in any hospital and gain the knowledge and skills required to prevent HAIs.

SL.No	HOURS	THEORY- TOPICS
1	1hr	BASIC MICROBIOLOGY
2	1hr	MICRO ORGANISMS & DISEASES
3	1hr	STANDARD PRECAUTIONS
4	1/2hr	TRANSMISSION BASED PRECAUTIONS & PROTECTIVE ISOLATION(barrier nursing & reverse barrier nursing)
5	1/2hr	HAND HYGIENE
6	1/2hr	OCCUPATIONAL SAFETY & HEALTH(OSHA)
7	1hr	CENTRAL BIOMEDICAL WASTE TREATMENT FACILITY & BMW TRANSPORTATION
8	1/2hr	INFECTION CONTROL IN EMERGENCY DEPARTMENT
9	1hr	EPIDEMIOLOGY OF INFECTIOUS DISEASES
10	1/2hr	INFECTION CONTROL IN CATH LAB
11	1hr	INFECTION CONTROL IN ENDOSCOPY ROOMS
12	1hr	INFECTION CONTROL IN ICUs
13	1 hr	INFECTION CONTROL IN OPERATION THEATRE
14	1/2hr	INFECTION CONTROL IN DIALYSIS
15	1hr	INFECTION CONTROL IN NICU & LABOUR ROOM
16	1/2hr	INFECTION CONTROL IN OPD PROCEDURE ROOM
17	1hr	INFECTION CONTROL IN LABORATORY
18	1/2hr	INFECTION CONTROL IN BLOOD BANK
19	1/2hr	INFECTION CONTROL IN TRANSPLANT UNITS
20	1hr	INFECTION CONTROL IN CSSD
21	1/2hr	INFECTION CONTROL PRACTICES IN MORTUARY
22	1/2hr	INFECTION CONTROL IN LAUNDRY
23	1/2hr	INTRAVENOUS THERAPY

24	1hr	TOTAL PARENTERAL NUTRITION
25	1hr	ENGINEERING CONTROLS TO PREVENT INFECTIONS
26	1/2hr	CENTRAL LINE INSERTION
27	1/2hr	FOLEY'S CATHETERIZATION
28	1/2hr	MAJOR SURGICAL PROCEDURES
29	1hr	INTUBATION
30	1hr	BONE MARROW TRANSPLANTATION
31	1hr	CARDIAC CATHETERIZATION
32	1/2hr	HAND HYGIENE & USE OF PERSONAL PROTECTIVE EQUIPMENTS
33	1hr	EPIDEMIC RESPONSE PLAN FOR GLOBAL COMMUNICABLE DISEASES
34	1/2hr	SAFE INJECTION/INFUSION PRACTICES
35	1hr	NEEDLE STICK INJURY PREVENTION
36	1hr	MANAGEMENT OF NSI/BBF EXPOSURE
37	1/2hr	SPILL MANAGEMENT
38	1/2hr	BLOOD AND BODY FLUID SPILLAGE
39	1hr	INFECTION CONTROL IN RADIOLOGY
40	1/2hr	RESPIRATORY HYGIENE/COUGH ETIQUETTE
41	1/2hr	SAFE LAUNDRY PRACTICES
42	1hr	POLICY FOR DISINFECTION & TRANSPORT OF SOILED /CONTAMINATED LINEN
43	1hr	CLEANING, DISINFECTION & STERILIZATION
44	1/2hr	POLICY FOR AVAILABILITY AND USE OF PPE,ANTISEPTICS AND DISINFECTANTS
45	1hr	REPROCESSING OF SCOPES
46	1hr	REPROCESSING AND REUSE OF HEMODIALYZER
47	1/2hr	RE-CALL PROCEDURE
48	1hr	RE-USE POLICY

49	1hr	ICRA IN CONSTRUCTION AND RENOVATION AREAS
50	1hr	PRE AND POST CONSTRUCTION RISK ASSESSMENT
51	1hr	INFECTION CONTROL IN NUCLEAR MEDICINE
52	1hr	INFECTION CONTROL IN KITCHEN
53	1hr	HOUSE KEEPING PROCEDURES
54	1hr	MANAGEMENT OF PATIENTS WITH SUDDEN INFLUX OF AIRBORNE INFECTIONS.
55	1hr	SURVEILLANCE ACTIVITIES & DATA COLLECTION
56	1hr	HEALTH CARE ASSOCIATED INFECTIONS
57	1hr	URINARY TRACT INFECTION
58	1hr	CRITERIA FOR CAUTI
59	1hr	SOP FOR PREVENTION OF CA-UTI (BUNDLE CARE)
60	1hr	OUTBREAK POLICY
61	1hr	CRITERIA FOR VENTILATOR ASSOCIATED PNEUMONIA
62	1hr	SOP FOR PREVENTION OF VAP (BUNDLE CARE)
63	1hr	CRITERIA FOR VENTILATOR ASSOCIATED EVENT
64	1hr	CRITERIA FOR CLA-BSI(LCBI)
65	1hr	SECONDARY BSI SCENARIOS
66	1hr	SOP FOR PREVENTION OF CLA-BSI(BUNDLE CARE)
67	1hr	CRITERIA SURGICAL SITE INFECTION
68	1hr	SOP FOR PREVENTION OF SSI (BUNDLE CARE)
69	1hr	POST DISCHARGE SSI -SURVEILLANCE
70	1hr	TRANSMISSION BASED PRECAUTIONS(MRSA , VRE, MDR, CD)
71	1hr	PUBLIC HEALTH REPORTING OF COMMUNICABLE DISEASES(NOTIFIABLE DISEASES)
72	1hr	ANTIMICROBIAL STEWARDSHIP

73	1hr	INFECTION CONTROL IN SPECIAL SITUATION(burns unit,Legionellosis,Prion contamination,Bioterrorism,Viral HEMORRHAGIC FEVER,AFTER DEATH)
74	1hr	INFECTION CONTROL & ACCREDITATION
		<b>Total -60hrs</b>

SL NO	PRACTICAL SESSIONS
1	HAND HYGIENE SURVEILLANCE
2	STANDARD PRECAUTIONS SURVEILLANCE
3	BIO-MEDICAL WASTE MANAGEMENT IN HIGH RISK AREAS
4	BIO-MEDICAL WASTE MANAGEMENT IN NON HIGH RISK AREAS
5	ENVIRONMENTAL SURVEILLANCE IN HIGH RISK AREAS,CSSD,MORTUARY,KITCHEN
6	ENVIRONMENTAL SURVEILLANCE IN NON HIGH RISK AREAS
7	HAI SURVEILLANCE -CAUTI
8	HAI SURVEILLANCE – CLA BSI
9	HAI SURVEILLANCE -SSI
10	HAI SURVEILLANCE -VAE
11	SURVEILLANCE OF TRANSMISSION BASED PRECAUTIONS
12	INVASIVE LINE SURVEILLANCE IN HIGH RISK AREAS
13	INVASIVE LINE SURVEILLANCE IN NON HIGH RISK AREAS
14	CA-UTI BUNDLE SURVEILLANCE
15	CLA-BSI BUNDLE SURVEILLANCE
16	SSI-BUNDLE SURVEILLANCE
17	VAE BUNDLE SURVEILLANCE
18	ISOLATION SURVEILLANCE FOR NEUTROPENIA PATIENTS
19	HOUSE KEEPING SURVEILLANCE
20	ENGINEERING SURVEILLANCE
	<b>Total -120 hrs</b>

*\*Any statutory levies or taxes will be extra and payable by the student on demand.*

*\*Fees once paid shall not be refundable under any circumstances.*

*The cost of uniforms and study materials shall be borne by the students.*

## **HOW TO APPLY**

- Candidate can download the application form from our hospital website. Application fee of Rs. 200/- to be transferred to the following bank account.
- The bank details for NEFT transferring:  
  
Bank: Rajagiri Healthcare and Education Trust  
  
Bank: South Indian Bank  
  
Account No: 0587053000003161  
  
IFSC: SIBL0000587  
  
Branch: Rajagiri Valley, Kakkanad  
  
Swift Code: SOININ55
- Filled in application form should be submitted through the mail: [nsginfcon@rajagirihospital.com](mailto:nsginfcon@rajagirihospital.com) & [academic.coord@rajagirihospital.com](mailto:academic.coord@rajagirihospital.com) along with the payment transaction screen short.
- The application should be filled by the candidates in his/her own handwriting.
- Certificates to be attached along with the application form are:
  1. Self-attested copies of 10<sup>th</sup> standard/SSLC certificate and mark sheet of +2/HSC examination
  2. Self-attested Birth certificate
  3. Self-attested Transfer Certificate
  4. Self-attested Kerala Nursing Council Registration.
- Selected candidates will have to undergo a medical examination conducted by Rajagiri Hospital. Students will have to bear the cost thereof.
- Students are required to undergo vaccination if required as per the hospital rule at their own cost.

## **CONDUCT OF THE CANDIDATES**

- The course is being conducted within the premises of Rajagiri Hospital.
- The students shall abide by all the rules and regulations prescribed for them.
- They shall conduct themselves in an exemplary manner without any disturbance to the patients or visitors.
- Further, students are bound to keep all information pertaining to patients that may come to their knowledge during their clinical postings in patient care areas, confidential.
- Students are expected to enter the hospital premises in decent attire and hygienic conditions.



- They have to wear ID cards/badges within the hospital premises and outside the hospital while on duty/training.
- Every student shall carry out the assignments allotted to them.
- Disobedience, dishonesty, indifference, negligence etc. would be severely dealt with.

## **COURSE TIMINGS**

Monday to Saturday - 9 am to 5.30 pm. The students are liable to be posted for hands-on training during holidays and in shifts.

**ATTENDANCE** - 80 % attendance is mandatory.

## **EXAMINATION**

- Exit exam : At the end of 3 months

### **Method of Evaluation**

- Competency Exam
- Case Presentation

Will be conducted for the participants for assessing the competency level and those who score more than 70% will be certified for completing the ICN certification programme.

**EXCLUSION:** Rajagiri Hospital does not guarantee any employment opportunity for the students in Rajagiri Hospital.

## **PROHIBITION OF RAGGING**

- Ragging/ or any type of misconduct towards any student either in the campus or outside is prohibited and may attract appropriate legal action.
- Students and parents, at the time of admission, shall furnish an affidavit to the effect that the student shall not indulge in ragging.

### **CONTACT US**

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