



**REGIONAL CANCER CENTRE  
THIRUVANANTHAPURAM-695 011**

**Prospectus for Admission to  
Fellowship Programme in Oncologic Imaging-2024**

The Regional Cancer Centre, Thiruvananthapuram (RCC), now in its 44<sup>th</sup> year of service to the nation is an autonomous institution sponsored jointly by the Govt. of Kerala and the Govt. of India. It is an internationally acclaimed Centre for cancer treatment and research and caters to the population of the state of Kerala and adjoining parts of Tamil Nadu. Handling over two lakhs patients including over 15,000 new cancer cases annually (30 lakhs patient visits in the last 15 years) RCC stands tall in the health map of Kerala carrying out innovative and pioneering work in cancer control, treatment, research and training.

RCC is a comprehensive cancer Centre with full-fledged departments of Surgical Oncology, Radiation Oncology, Medical Oncology and Paediatric Oncology supported by allied services such as Pathology, Radio diagnosis, Nuclear Medicine, Anaesthesiology, Microbiology, Transfusion Medicine, Laboratory services and Nursing services. The centre also has separate divisions for Community Oncology, Medical Records, Cancer Epidemiology, Cancer Research, Palliative Medicine, Dental Care, and Computerized Hospital Information System management. The information support for all these activities is provided by a well-organized Library & Information Services division.

## **COURSE STRUCTURE**

The course stresses on practical and clinical aspects of radiological diagnosis, evaluation and interventions in Oncology. During their posting in different divisions, doctors will be given ample opportunities to see all the imaging studies done in the department and worked up interesting cases. They will be given exposure to **VR (Voice Recognition)** reporting on **PACS (Picture Archiving and Communication Systems)** workstations. PACS images from 2012 are available for comparison/ research purpose.

### **CT & Guided procedures – 3 months (*High End Dual Energy CT*)**

- Body imaging with oncological perspective.
- CT guided FNAC / Biopsy, pigtail drainage (for abscess, fluid collections) etc.

### **MRI (Magnetic Resonance Imaging) – 3 months**

Abdominal imaging

Brain imaging with perfusion and spectroscopy, TOF & CE MRA, TOF & CE MRV etc.

Breast imaging with dedicated **breast coil**.

Extremity imaging with focus on musculoskeletal oncology (**knee & wrist coils**).

### **USG & Guided procedures including TRUS (*Trans rectal Ultrasound*) – 3 months**

- Convex and High resolution probes (with strain **elastography**).
- Doppler studies.
- Guided FNAC / Biopsy (including TRUS guided **prostate biopsies**); fiducial placement.
- Pigtail catheter drainage.
- Intra-operative USG for organ preserving oncologic resections (liver, kidney)
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**PET CT Reporting & FluoroDR with DSA (*being installed*) – 2 months**

- 64 Slice CT is used for co-registration of PET images.

**Mammogram – 1 Month**

- Digital Mammography with Tomosynthesis, contract enhanced mammography, stereotactic breast biopsy and vacuum assisted breast biopsy

**Other facilities available:**

- DR (Digital radiography)
- CR (Computed radiography)
- Special investigations: *Barium (swallow, meal, meal follow through, enema); fistulogram*
- DEXA
- Radio Frequency Ablation

**Academic activities**

- **MDT (Multidisciplinary Team) discussion-** Fellows are expected to take active participation in case discussions with clinicians.
- **Journal presentation on recent advances.**
- **Interesting case presentation.**
- Fellows will be encouraged to **present at conferences & publish in journals.**
- **Seminars**

Fellowship Programme in Oncologic Imaging-2024	
No of Seats	3 (Three only)
Duration	1 year
Qualification	<ul style="list-style-type: none"><li>• MBBS Degree recognized by the MCI.</li><li>• Should have passed MD/DNB/DMRD in Radio diagnosis from any of the Medical Colleges in India, recognized by the MCI or DNB in Radio diagnosis approved by the National Board of Examinations, New Delhi</li><li>• Candidates should have their MBBS/Diploma/PG Degree registered permanently with Medical Council (India/State).</li></ul>
Stipend	MD/DNB : ₹47, 000/- per month DMRD : ₹43, 000/- per month
Age	40 years as on 01/01/2024.

<b>Caution Deposit</b>	₹10,000/- which will be refunded on successful completion of the course
<b>Selection Process</b>	Selection may be made by conducting written test and interview or interview alone, depending on the number of applications (if the number of applications exceeds four times the number of seats per batch written test and interview will be conducted).
<b>Application Fee</b>	<b>₹1000/- (Thousand rupees only).</b> Fee should be submitted as a Demand Draft payable at State Bank of India or any of its associate banks at Thiruvananthapuram for Rs.1000/-drawn in favor of "Director, Regional Cancer Centre". Application Fee is not refundable under any circumstances
<b>How to Apply</b>	Aspiring candidates are to download the application form (Annexure-I) given along with this prospectus and fill it up and submit it along with the supporting documents and application fee. application form should reach by post on or before 4 pm on <b>18-09-2024</b>  <b>Note:</b> Incomplete application forms and forms received after the last date will be rejected and no further communication will be entertained in this context.
<b>Address for sending application Form</b>	<b>The Additional Director(Academic) Regional Cancer Centre Medical College.P.O Thiruvananthapuram-695011</b>

**I. Documents to be furnished along with the application form:**

- i. Valid photo ID proof
- ii. Proof of age. (Aadhar/Passport/ Secondary School Leaving certificate showing date of birth/ Tahsildar's certificate).
- iii. Proof of Nationality (Aadhar/Passport/ Voters ID/ PAN Card/ Tahsildar's certificate).
- iv. Self-attested copy of following documents:
  - MBBS Degree Certificate.
  - DMRD/MD/DNB Degree Certificate.
  - Medical Council Registration Certificate of MBBS/DMRD/MD/DNB
- v. Character/conduct certificate issued by competent authority (head of institute/gazetted officer).
- vi. Photo copy of publications

- vii. Experience certificate
- viii. Certificate from Principal of respective Medical College/Institution for candidates who are appeared/appearing for DMRD/MD/DNB (in case of candidates who have not yet passed the course).

### **III. Selection process**

- a) The application forms will be scrutinized and the list of candidates fulfilling the eligibility criteria will be displayed on the RCC website on **20-09-2024**
- b) Candidates have to appear for an entrance test followed by an interview on **04-10-2024**  
An entrance test will be conducted if the number of applicants are more than 4 times the available seats. The entrance test will be a written MCQ test and candidates will be shortlisted for the interview to be held on the same day based on the marks obtained in the entrance test and interview. Final Rank list will be prepared based on the marks obtained in entrance test and interview (**ANNEXURE II**).
- c) Candidates will have to make their own arrangements to appear for the entrance test and interview and no TA/DA will be provided. No personal intimation will be sent regarding entrance test/ interview.
- d) The Director, RCC will prepare and publish the Select List and Wait list of Candidates.
- e) Admission Memo will be issued to the selected candidates. The candidate has to report on the date fixed by the Director. All certificates in original will be retained in the office till the completion of the programme.
- f) Candidates who do not turn up for the allotment as per schedule, at the place and time notified, will forfeit their chance for admission, and will not be considered for admission in future or arising vacancies, irrespective of the rank.
- g) Candidates who discontinue the course on or after 30 days from the date of joining will be liable to pay liquidated damages.
- h) The Select List and Wait Lists published will be valid till **09-11-2024**
- i) Any vacancy that may arise after the cut-off date for admissions will be considered as lapsed and no allotment will be made to these seats under any circumstance.

#### **IV. Documents to be produced at the time of Admission (Original & One photo copy)::**

- MBBS Degree Certificate.
- MD/DMRD/DNB Degree Certificate.
- DMRD/MD/DNB Attempt Certificate.
- Permanent Medical Council Registration Certificate of MBBS/PG Degree.
- Proof of age. (Aadhar/Passport/ Secondary School Leaving certificate showing date of birth/ Tahsildar's certificate).
- Proof of Nationality (Aadhar/Passport/ Voters ID/ PAN Card/ Tahsildar's certificate).
- Character/conduct certificate issued by competent authority (head of institute/gazetted officer).
- Equivalency of the qualifying examination by the Kerala University of Health Sciences, Thrissur in the case of candidates who have passed their Post Graduate Degree courses from Universities outside Kerala.
- Selected candidates should submit Registration Certificates from the Travancore-Cochin Council of Modern Medicine within one month of admission failing which their admission will be cancelled.

**All original documents will be retained in RCC and will be returned only on successful completion of the course**

#### **V. Liquidated damages & Execution of Bond:**

Candidates selected for the fellowship have to execute a bond as in clause (a) below in stamped paper (all pages of the bond should be in stamped paper) of value of ₹200/- (Rupees Two Hundred Only) at the time of joining the course to the effect that:

He/she shall not discontinue the fellowship after 30 days from the date of joining and in case he/she discontinue the course he/she has to pay an amount of **₹1,00,000/-** as liquidated damages.

#### **VI. Course Completion**

Successful completion of the fellowship programme mandates the following:--

- Pass in the Exit Exam
- Log book
- Dissertation
- At least one publication
- At least one oral paper / poster in National/International conference.

### **IMPORTANT DATES**

<b>Event</b>	<b>Date</b>
<b>Last date of receiving postal application</b>	<b>18-09-2024</b>
<b>Publishing list of eligible candidates</b>	<b>25-09-2024</b>
<b>MCQ Entrance Examination &amp; Interview</b>	<b>04-10-2024</b>
<b>Final Result</b>	<b>09-10-2024</b>
<b>Date of commencement of course</b>	<b>25-10-2024</b>

#### **VII. Leave during the course:**

All the 365 days of the year are working days for fellows. However, they will be permitted to avail casual leave for 20 days, but not more than 10 days at a stretch. Any other leave will entail extension of the course. Those who take leave without prior sanction are liable to be considered to be on unauthorized absence. If the fellow is absent without authorization for more than 10 days, he / she will be terminated from the course and liquidated damages will be realized. All fellows are eligible for weekly off for one day. This will be allowed by the Head of the Department concerned without affecting the routine functioning of the Department. Weekly off cannot be accumulated.

CMEs, workshops and other academic programmes conducted by recognized academic bodies are essential aspects of training programme. All fellows will be permitted to attend such programmes without affecting the routine working of the Department concerned. The Heads of Departments shall sanction leave-on-duty to fellows provided they apply prior to the CME programme and the Head of Department is convinced about the genuineness of the programme and utility of the particular course. The fellows on returning from the programme should submit attendance certificate to the Head of the Department.

No fellow shall leave the country without prior sanction of the Director, RCC. Any violation will be viewed seriously warranting termination of the course.

#### **VIII. Private Practice**

Fellows shall not engage in private practice of any sort during the course of training.

#### **IX. General**

All students admitted to RCC will be bound by the rules and regulations as decided by the Director, RCC from time to time.

Notwithstanding anything contained in the Prospectus, the Director may at any time revise or amend any clause in the prospectus.

Any court cases/disputes shall be within the exclusive jurisdiction of competent courts in Kerala.

# ANNEXURE – I

## REGIONAL CANCER CENTRE THIRUVANANTHAPURAM

**Course applied for :- Fellowship Programme in Oncologic Imaging-2024**

### PERSONAL DETAILS

Full name of the candidate (in block letters)	
Age	
Sex	
Date of birth(dd/mm/yyyy)	
Address for communication & Permanent Address	
Mobile phone number	
E mail id	



**ACADEMIC DETAILS**

<b>Institute and Year of passing MBBS</b>	
<b>Institute and Year of passing /MD/DNB/DMRD</b>	
<b>Experience</b> (attach certificate in institute letter head as in annexure III)	
<b>Publications (Yes/No)</b> (if yes please attach photocopy)	
<b>Any other details</b>	

**DETAILS OF FEE**

<b>DD number</b>	
<b>Date</b>	
<b>Bank</b>	

**PHOTO** (Please affix a self attested recent passport size photo here)**Date**  
**Place****Signature**

## **ANNEXURE – II**

### **MARKS PROCESS**

#### **Part I - THEORY – 50 marks**

MCQ paper containing 25 Questions (2 mark for correct answer, minus one mark for wrong answer). No marks will be awarded for unanswered questions or multiple responses. Candidates will be short listed purely on the basis of theory marks. The number of candidates short listed will be four times the number of seats.

#### **Part II - INTERVIEW (VIVA) - 40 marks**

Shortlisted candidates will be assessed about their knowledge, skills and aptitude in the subject.

#### **Part III - PRIOR ACADEMIC RECORDS - 10 marks**

1. Publications in Indexed Medical Journals only (Please submit Xerox copy of publication)

- One mark per publication subject to a maximum of five marks

2. Work experience in Radiodiagnosis (Maximum five marks)

- Six months to 1 year – 2marks
- One year to < 2years – 3 marks
- Two year to < 3years - 4 marks
- Three years or more – 5 marks

Only continuous experience in an exclusive Radiodiagnosis department will be considered for this purpose. No marks will be given for experience of less than 6 months and for discontinuous period of experience. Candidate needs to produce a certificate to prove the experience as in **ANNEXURE III**.

**ANNEXURE III**  
**EXPERIENCE CERTIFICATE FORMAT**  
**(On the letterhead of the institute/department)**

This is to certify that Dr. \_\_\_\_\_ is working/has  
worked in the **Department of Imageology** at

\_\_\_\_\_

\_\_\_\_\_

\_ for a continuous period with effect from \_\_\_\_\_ to

\_\_\_\_\_

His/Her conduct during the period mentioned above has  
been \_\_\_\_\_.

**Name of the Employer:** \_\_\_\_\_

**Name of the Institute:** \_\_\_\_\_

Place:

**Signature of the Employer**

Date:

(Office Seal)

## **ANNEXURE -IV**

All candidates should furnish a certificate from the employer under whom the candidate is presently working in the prescribed form as the situation may be .

**Form A-** Endorsement by the head of the institute under whom the candidate is presently working/studying with, in case of general candidates.

**Form B-** Declaration by candidate in case the candidate is not currently employed.

**FORM A**  
**NO OBJECTION CERTIFICATE**  
**(ON THE LETTERHEAD OF THE INSTITUTE)**

Dr. .... is working as .....  
in the department of ..... from .....  
He / she is a permanent/temporary employee of the institute. The information furnished by  
the candidate in his/her application form is correct. I have no objection to his/her seeking  
admission to the Fellowship course at the Regional Cancer Centre, Thiruvananthapuram.  
He/She will be relieved from his post for a period of one year for undergoing the course if  
selected and admitted to the course at RCC and his/her salary/stipend will be paid by his/her  
employer during the one year period of course.

Name of the Employer: .....

Name of the Institute: .....

Place:

Signature of the Employer

Date:

Seal

## **FORM B**

### **DECLARATION BY THE CANDIDATE**

I declare that all the information furnished in the application form by me is correct and true. I declare that I am not currently employed / studying in any institution/hospital in either Government/public/private sector and in case of my selection for the course there would not be any issue of my getting relieved from any post held by me.

Place:

Signature of the candidate

Date:

Name of candidate