

REGIONAL CANCER CENTER
Pt. J.N.M. MEDICAL COLLEGE, RAIPUR (C.G.)
Dr. B. R. Ambedkar Memorial Hospital
Raipur (C.G.)

Affiliated to:
AYUSH and Health Sciences University of Chhattisgarh, Raipur (C.G.)

PROSPECTUS
FOR MASTER OF SCIENCE (RADIOTHERAPY TECHNOLOGY) M. Sc. (RTT)
2011-2012

Approved by:
The Atomic Energy Regulatory Board, Mumbai



DEPARTMENT OF RADIOTHERAPY
REGIONAL CANCER CENTER
Pt. J.N.M. MEDICAL COLLEGE, RAIPUR (C.G.)
Autonomous Society

Rs. 100/-

PROSPECTUS

For admission to

**Master of Science (Radiotherapy Technology)
M. Sc. (RTT)**

Approved by:
The Atomic Energy Regulatory Board, Mumbai

2011-2012

**DEPARTMENT OF RADIOTHERAPY
Pt. J.N.M. MEDICAL COLLEGE, RAIPUR (C.G.)**

Affiliated to:
**AYUSH and Health Sciences University of
Chhattisgarh, Raipur (C.G.)**



**Pt. J.N.M. Medical College, Raipur
Autonomous Society**

Session 2011-2012

Introduction

Two year course leading to a degree **Master of Science (Radiotherapy Technology) i.e. M.Sc. (Radiotherapy Technology)** is being introduced from the academic year 2011-2012 with a view to increase trained man-power in the area of application of radiation in the treatment of Cancer. Following the successful completion of the M.Sc. (Radiotherapy Technology), the person will be eligible for appointment as Technician in a Radiation Therapy Centre in the country and is authorized by the Atomic Energy Regulatory Board (AERB) to operate a radiation therapy machine.

Note that till recently, in most of the Cancer centers, in house trained or under graduates with one or two years of training have been operating teletherapy machines. AERB had made arrangement for Special Training Programmes to train and certify technicians with experience of ten years or more so as to regularize operation of machines by these technicians. However, as per the international norms it is envisaged that Science Graduates with appropriate training in operation and radiation safety and full understanding of their responsibilities only are to be authorized to take up the work of Radiotherapy Technician in a Radiotherapy facility.

There are 266 radiation treatment centers for Cancer in India presently where in all 337 teletherapy machines are installed. For the total number of cancer patient in the country, there is a need for more than 1000 teletherapy machines to be installed and operated in the country. Further, as per the International norms, it is envisaged that ideally apart from a supervisor per centre for up to 400 patients treated annually, two technicians per teletherapy unit for every 25 patients treated daily, are required. Additional Supervisors/Technicians are required as the number of patients/shifts increase as per the need.

Presently, only about 125 trainees per year are trained in about 20 centers in the country. There has been a large gap in the required qualified and trained man-power and available qualified and trained man-power. M.Sc.(Radiotherapy Technology) is a specialized course with tremendous potential for applications in the field of Radiotherapy Technology. The above course is expected to be very much useful in preparing qualified trained manpower in the much needed area of radiation treatment of Cancer for a very long time to come.

M.Sc.(Radiotherapy Technology)

Course duration: Two academic years and six month internship.

Affiliating University: AYUSH and Health Sciences University of Chhattisgarh, Raipur (C.G.)

Total Seats: 10 seats (inclusive of seats allocated for reserved category as per C.G. state Govt. admission rules)

This course is under self finance scheme governed by the autonomous society of Pt. J.N.M. Medical College, Raipur (C.G.), conducted in the Department of Radiotherapy

Syllabus and Examination: Please refer to the syllabus published by AYUSH and Health Sciences University of Chhattisgarh, Raipur (C.G.) **(Will be provided to the admitted students only)**

Eligibility:

B.Sc. with Mathematics, Physics, Chemistry (Minimum 60% marks in B.Sc.)

50% of the seats will be reserved for the candidates of the Chhattisgarh only.

Age Limit:

Upper age limit is 26 years as on 30th September 2011 and it is relaxable by two years in case of SC/ST.

Method of selection: As per university rules and regulations. A merit list will be prepared according to the total marks obtained in B.Sc. In case of equal marks in merit list preference will be given to candidates of current year and then to the candidates who score more marks in Physics/mathematics.

Distributions of seats

| S.No. | Category | No class | Female | Total seats |
|--------------------|-----------------|----------|--------|-------------|
| 1. | Unreserved (UR) | 3 | 2 | 5 |
| 2. | ST (21%) | 1 | 1 | 2 |
| 3. | SC (15%) | 1 | 1 | 2 |
| 4. | OBC (14%) | 1 | nil | 1 |
| Grand total | | | | 10 |

1. Reservations are available for reserved categories as per rules of C.G. Govt.
2. If the seats allocated to different reserved categories remain vacant due to non availability of candidates, these seats will be reverted as follows:
ST → SC → OBC → UR
SC → ST → OBC → UR
OBC → ST → SC → UR

Fees structure:

- The course fee will be Rs.40000 per candidates per year for Unreserved Category candidates. For ST/SC/OBC as per the C.G. Govt. Rules.
- Caution Money Rs. 10000 (refundable at the end of course without interest).
- Library fee Rs. 200 (per annum)
- Miscellaneous Rs. 300 (per annum).
- Total fees will have to be deposited at time of admission. In case of cancellation of admission for any reason before 20/07/2011 refund of the fee will be done.

General information:

- All particulars in the application form must be written carefully and legibly in capital letters. All claims made in the application must be supported with documentary proof.
- No relaxation in the last date will be granted. The institute takes no responsibility for any delay in the receipt or loss of application/intimation letter in transit.

Please attach two self addressed envelopes of 10×30cm. and a post card affixed with Rs.6.00 postage stamp along with application form. These will be used for mailing the communication to the candidates. Hence please ensure that the address on the envelopes/post card is completed and legible with pin code, preferably type written.

- All admission will be provisional till the verification/equivalency of the certificates etc. received from the concerned board/University.
- No individual intimation is sent to unselected candidates and no correspondence on the subject is entertained.
- Students who do not join the course in time are liable to refusal of admission. In case of delay in joining after admission due to any reason, a communication with full details must be sent to the Director, Dip.R.P and M.Sc.(RTT), Department of Radiotherapy, Pt. J.N.M.Medical College, Raipur for his permission.
- Selected candidates from waiting list will be intimated by post/e mail/telephone/mobile.
- Selected candidates have to submit medical fitness certificate from Institute's medical board.

Submission of form:

All completed application form should reach before the closing date. A demand draft of Rs.500 for the general categories and Rs. 250 for the reserved categories candidates in favour of **Director, Dip.R.P and M.Sc.(RTT), Department of Radiotherapy, Pt. J.N.M.Medical College, Raipur** must be submitted alongwith the application form. Candidates must write his/her complete name and address on the back of demand draft.

NO SEPARATE LETTER WILL BE ISSUED FOR COUNCELLING

The last date for deposition of form is 30/06/2011. and counseling will be held on 15/07/2011 in Telemedicine hall of Dr. B.R. Ambedkar Memorial Hospital, Raipur at 10.00am. Selected candidates will be required to deposit the scheduled fee on the same day by DD in favour of Director, Dip.R.P. and M.Sc. (RTT), Department of Radiotherapy Pt. J.N.M.Medical College, Raipur payable at RAIPUR.

CANCELLATION OF ADMISSION

If it is found that a candidate has succeeded in admission on the basis of false or incorrect information or by hiding relevant facts any time after admission, he/she shall be liable for cancellation of admission forthwith, without any notice at any time during the course of his/her study by the Director, Dip.R.P. and M.Sc. (RTT), Department of Radiotherapy Pt. J.N.M.Medical College, Raipur. In case of dispute or doubt concerning admission etc. decision of the Director, Dip.R.P. and M.Sc. (RTT), Department of Radiotherapy Pt. J.N.M.Medical College, Raipur shall be final.

MODIFICATION TO RULES/PROCEDURE:

- The Director, Dip.R.P. and M.Sc. (RTT), Department of Radiotherapy Pt. J.N.M.Medical College, Raipur reserves the right to amend any rule/procedure for admission to the course after recommendation of the academic council of the course and any modification as made shall be binding on all candidates.
- The decision of the Director, Dip.R.P. and M.Sc. (RTT), Department of Radiotherapy Pt. J.N.M.Medical College, Raipur of the institute in the matter of selection of candidates for the course shall be final.

IMPORTANT:

- The student must follow the work culture and discipline of the institution.
- No hostel accommodation is available presently.
- Expenses of candidates for field training outside the Raipur city will be born by candidates.

CHECK LIST:

Before dispatching the completed application form, the candidate should check against each of the following points whether he/she has enclosed the same or not:

(Submit only attested photocopy of the certificate in the given order. Do not submit original certificates)

1. Write your application in Capital Letter only Yes/No
2. One recent passport size photograph pasted at proper place on application form Yes/No
3. Mark sheet from 10th to B.Sc. Yes/No
4. Certificate of good conduct from the institute last attended/character certificate. Yes/No
5. Migration certificate from last University. Yes/No
6. Domicile Certificate Yes/No
7. Certificate from the prescribed authority for the candidate seeking admission under the reserved categories. Yes/No
8. Income certificates (of parents) Yes/No
9. One self addressed post card with stamps of Rs. 6.00 affixed on them. Yes/No

ALL ORIGINAL DOCUMENTS MUST BE PRODUCED AT THE TIME OF COUNSELLING.

Important Dates:

Last Date for submission of completed Application Forms : 30/06/2011

With late fees : 05/07/2011

Date for Counseling and admission: : 15/07/2011

Date of Start of the course (Session 2011-2012): : 01/08/2011

**DEPARTMENT OF RADIOTHERAPY
PT. J.N.M.MEDICAL COLLEGE AUTONOMOUS SOCIETY
M.Sc.(Radiotherapy Technology)course
2011-2012**

(STUDENT DECLARATION FORM)

M.Sc.(Radiotherapy Technology) being run under self finance scheme under autonomous society in the Department of Radiotherapy.

The fee includes tuition fees.

No liability for result or placement of the students.

The local disciplinary norms must strictly be followed.

The timing for the classes will from 9 A.M. to 5 P.M.

Ragging is strictly prohibited and those found to be indulged will bear the legal consequences.

No. hostel facilities are being provided at present.

I undertake to conduct myself responsibly and abide by the above terms and conditions.

Name of Candidate

Signature

.....

.....

Name & Signature of the guardian

.....

Date:

Place:

Please provide name and telephone No. of two people who are to be contacted in case of emergency illness or accident

| Name of person | Relationship | Contact Number |
|----------------|--------------|----------------|
| 1)..... | | |
| 2)..... | | |