

**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 POST-M.Sc. DIPLOMA IN RADIOLOGICAL PHYSICS (Dip. R. P.) COURSE**  
**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

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

**Session 2011-2012**

# Introduction

One year post M.Sc. course leading to a **Diploma in Radiological Physics** is being introduced at Pt. J. N. M. Medical College, Raipur with a view to increase trained man-power in the area of application of radiation in the treatment of Cancer. After successfully completing the Post M.Sc. Diploma in Radiological Physics (Dip R.P.), and one year internship in a recognized Radiotherapy Center, a person is eligible for appointment as **Medical Physicist** in a Radiation Therapy Centre and is also eligible to be designated as **Radiation Safety Officer (RSO)** for a Medical Institution after passing an examination specified by the Atomic Energy Regulatory Board (AERB).

There are about 266 radiation treatment centers for Cancer in India presently where in all 337 teletherapy machines are installed. Presently among the large number of cancer patients who need radiation treatment, only 1/3 actually receive radiation treatment due to the major shortfall in the number of radiation therapy centers and urban centric distribution of centers in the country. There is a need for more than 1000 teletherapy machines to be installed and operated in the country. Also ideally for effective use, each center should have more than one tele-cobalt machines and brachytherapy machines and a high energy accelerator with both photon and electron mode operation. As the number of cases to be treated per unit increases, the requirement for Medical Physicists also increases.

The regulatory requirement for a Medical Physicists starts right from the planning stage and the Standing Committee of DGHS requires that a proposal for cancer centers/units include availability of Medical Physicist for the Projects during the gestation period also.

Post M.Sc. Diploma in Radiological Physics is a specialized course with tremendous potential for applications and Research & Development in the field of Medical Physics. Persons trained in above course will continue to be needed in the Society for many decades in future too.

**Post-M.Sc. Diploma in Radiological Physics**  
**(Dip. R. P.)**

**Course duration:** One academic year and one year 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:** M.Sc. ( Physics) ( Minimum 60% marks in M.Sc.).

50% of the seats are reserved for the candidates of the Chhattisgarh State.

**Age Limit:** Upper age limit is 28 years as on 30<sup>th</sup> September 2011 and it is relaxable by two years in case of SC/ST candidate.

**Method of selection:** As per university rules and regulations and Merit list will be prepared according to the total marks obtained in M.Sc. (Physics). 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 B.Sc.

**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
<b>Grand total</b>				<b>10</b>

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 complete 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 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.500.00 for the general categories and Rs. 250.00 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 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 borne by candidates.

**CHECKLIST:**

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 sheets from 10<sup>th</sup> to M.Sc.(Physics) Yes/No
4. Certificate of good conduct from the institute last attended/character certificate. Yes/No
5. Migration certificate from last attended 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 : 20/06/2011  
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**  
**Post-M.Sc. Diploma in Radiological Physics (Dip. R. P.) course**  
**2011-2012**

**(STUDENT DECLARATION FORM)**

Post-M.Sc. Diploma in Radiological Physics (Dip. R. P.) 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

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Name & Signature of the guardian

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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).....

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2).....

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