



# SRI AUROBINDO UNIVERSITY

## Sri Aurobindo Medical College & P.G Institute, Indore

Indore - Ujjain State Highway, MR - 10 Crossing, Sanwer Road, Indore (M.P.)



# ***NINTH TEACHING COURSE***

## ***MEDICAL PHYSICS & RADIOBIOLOGY***

**4<sup>th</sup> – 5<sup>th</sup> April 2026**

*New Frontiers in Radiobiology and Medical Physics*



How to reach: 10.8 kms from Indore Airport; 11.2 kms from Indore Railway Station; 45 kms from Ujjain Railway Station

**For Contact: 0731 423 1728/1807, 9893115337, 9452363314 |**

**Email : [virencancer@yahoo.co.in](mailto:virencancer@yahoo.co.in)/ [mahee813@gmail.com](mailto:mahee813@gmail.com)**



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### ***Teaching Schedule Medical Physics & Radiobiology***

#### **DAY 1 - 4<sup>th</sup> April 2026**

08.30AM - 09.30 AM	Registration	
09.30 AM -11:30 AM	Basics of Radiation Physics	Dr Priyusha Bagdare
<b>11.30 AM -11:45 AM Tea</b>		
11.45 AM -01:00 PM	Beam Modifying Devices	Dr Virendra Bhandari
<b>1:00 PM – 1:45 PM Lunch</b>		
01:45 PM - 03:00 PM	Conventional planning techniques, Machines (cobalt & Linac & Electron therapy)	Mr. Mahendran. C
03:00 PM - 03:45 PM	Physics of Brachytherapy	Dr Ashar Iqbal Lodhi
03:45 PM - 04:30 PM	Advance Radiotherapy Techniques	Dr Deepika Malik
03:45 PM - 04:30 PM	Electron Therapy, Tele Therapy Machine	Mr. Mahendran. C
04:30 PM – 06:00 PM	Radiobiology I (cell survival curve, OARs, RBE, LET, LQ Model)	Dr Virendra Bhandari
<b>06:00 PM Tea Break</b>		





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## **Teaching Schedule Medical Physics & Radiobiology**

### **DAY 2- 5<sup>th</sup> April 2026**

09:00 AM - 11:00 AM	Radiobiology-II	Dr Virendra Bhandari
11.00 AM - 11.40 AM	Particle Therapy	Ms Gomathi. R
<b>11:40 AM – 11:50 AM Tea Break</b>		
11:50 AM - 01:30 PM	Radiation Safety & Protection-I,II	Dr Priyusha Bagdare
<b>1:00 PM – 2:00 PM Lunch</b>		
02:00 PM - 03:00 PM	Planning of Radiotherapy Department & Compliances	Mr Devendra Chawla
03.00 PM - 03:30 PM	SBRT _LQ based BED calculation and Wedge Factor	Mr. Naveen Prasath
03:30 PM - 04:15 PM	Panel Discussion Radiobiology by Residents for Residents	Dr. Virendra Bhandari Dr Deepika Malik Dr Ashar Iqbal Lodi
<b>04:15 PM - 04:30 PM HIGH TEA</b>		
04.30 PM - 04.45 PM	Panel Discussion Medical Physics by Residents for Residents	Mr. Mahendran. C Dr Priyusha Bagdare Mr. Devendra Chawla
04.45 PM - 05.00 PM	Concluding Remarks & Questionnaire	Dr Virendra Bhandari

Course Co-ordinator: *Dr. Virendra Bhandari,*  
*Professor and HOD,*  
*Department of Radiation Oncology*  
*Sri Aurobindo Institute of Medical Sciences,*  
*Indore*



*Registration fees :1000Rs*

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*Lotus Hall, Sri Aurobindo Medical College & P.G Institute, Indore*