



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

4th – 5th 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 / mahee813@gmail.com



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Teaching Schedule Medical Physics & Radiobiology

DAY 1 - 4th April 2026

08.30AM - 09.30 AM	Registration	
09.30 AM -11:30 AM	Basics of Radiation Physics	Dr Priyusha Bagdare
11.30 AM -11:45 AM Tea		
11.45 AM -01:00 PM	Beam Modifying Devices	Dr Virendra Bhandari
1:00 PM – 1:45 PM Lunch		
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
06:00 PM Tea Break		



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Teaching Schedule Medical Physics & Radiobiology

DAY 2- 5th April 2026

09:00 AM - 11:00 AM	Radiobiology-II	Dr Virendra Bhandari
11.00 AM - 11.40 AM	Particle Therapy	Ms Gomathi. R

11:40 AM – 11:50 AM Tea Break

11:50 AM - 01:30 PM	Radiation Safety & Protection-I,II	Dr Priyusha Bagdare
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1:00 PM – 2:00 PM Lunch

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

04:15 PM - 04:30 PM HIGH TEA

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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4th - 5th April 2026

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