

Classification of Chemotherapy Drugs	Dr.Pranali	Dr.Diwan
Chemotherapy Agents 2	Dr.Priyanka	Dr. Sushil
Targeted Therapy & IMMUNOTHERAPY	Dr.Pranali	Dr.Diwan
TNM Staging principles	Dr.Priyanka	Dr. Sushil
Response assessment	Dr.Pranali	Dr.Diwan
Cancer Registry & Epidemiology	Dr.Priyanka	Dr. Sushil
Planning of Radiotherapy Dept	Dr.Pranali	Dr.Diwan

*Pranali*

प्राध्यापक व विभाग प्रमुख  
 रेडिओथेरेपी व कर्करोगशास्त्र विभाग  
 शासकीय वैद्यकीय महाविद्यालय व  
 अस्पताल नागपूर.

**TOPIC OF SEMINARS**  
**2<sup>ND</sup> YEAR (Every Thursday, 3-5 PM )**  
**From JUNE 2022 2020 TO APRIL 2023**

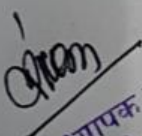
TOPIC	PG STUDENT	TEACHER
Radioactivity natural & artificial & Radiation Unit	Dr. Seema	Dr. Sushil
Interaction of radiation with Matter	Dr. Swapnil	Dr. Diwan
Teletherapy Equipments & Sources	Dr. Seema	Dr. Sushil
Treatment Planning 2	Dr. Swapnil	Dr. Diwan
Electron Beam Therapy & Practical therapy	Dr. Seema	Dr. Sushil
Effect of Radiation On Normal tissue(LD,PLD) + Chromosomal Aberrations	Dr. Swapnil	Dr. Diwan
Organ wise Dose Tolerance Tissue Reaction & Management-1	Dr. Seema	Dr. Sushil
Modern Radiation therapy Equipments	Dr. Swapnil	Dr. Diwan
Time Dose Fractionation+ Alternative Fractionation	Dr. Seema	Dr. Sushil
Radiation effects on Embryo & Fetus	Dr. Swapnil	Dr. Diwan
Radiation Protection	Dr. Seema	Dr. Sushil
IGRT	Dr. Swapnil	Dr. Vijay
QA	Dr. Seema	Dr. Sushil
Intra- Cavitory Brachytherapy	Dr. Seema	Dr. Sushil
Prostate Implants	Dr. Swapnil	Dr. Vijay
Total Body & Hemi- body Irradiation	Dr. Seema	Dr. Sushil
Hyperthermia/ Hyperbaric O2	Dr. Swapnil	Dr. Vijay
Routes of administration +Drug Administration	Dr. Seema	Dr. Sushil
Chemotherapy Agents	Dr. Swapnil	Dr. Vijay
Hormone therapy	Dr. Seema	Dr. Sushil
Principles of OncoSurgery	Dr. Seema	Dr. Vijay
Methodology of Clinical Trials	Dr. Swapnil	Dr. Sushil
Complications & Toxicity of Radiation and Chemotherapy	Dr. Seema	Dr. Vijay
Prevention & Early Detection of cancer	Dr. Swapnil	Dr. Sushil

*Seema*

प्राध्यापक व विभाग प्रमुख  
 कर्करोगशास्त्र विभाग  
 महाविद्यालय व

**TOPIC OF SEMINARS**  
**1<sup>ST</sup> YEAR (Every Wednesday, 3-5 PM )**  
**From JUNE 2022 TO MAY 2023**

TOPIC	PG STUDENT	TEACHER
Examination of a lump/swelling.Examination of an ulcer	Dr.Priyanka	Dr. Sushil
Per Abdomen examination	Dr.Pranali	Dr. Diwan
History taking and examination of Head and neck cancer	Dr.Priyanka	Dr. Vijay
History taking and examination of Breast cancer	Dr.Pranali	Dr. Sushil
History taking and examination of gynaecologic cancer(pelvic examn)	Dr.Priyanka	Dr. Vijay
History taking and examination of Rectal/anal cancer	Dr.Pranali	Dr. Diwan
History taking and examination of CNS	Dr.Priyanka	Dr Vijay
History taking and examination of a testicular lump	Dr.Pranali	Dr. Diwan
Lymphoma	Dr.Priyanka	Dr. Sushil
Pain Management	Dr.Pranali	Dr. Diwan
Palliative Care	Dr.Priyanka	Dr Vijay
Non ioniz ing & iionizing Radiation	Dr.Pranali	Dr. Diwan
X-Ray & Gamma rays production& properties	Dr.Priyanka	Dr. Sushil
Radioisotopes in clinical medicine	Dr.Pranali	Dr.Vijay
Treatment Planning 1	Dr.Priyanka	Dr.Sushil
Treatment Planning-3 (Beam Modifiers & Tissue Compensators)	Dr.Pranali	Dr.Vijay
Cell Survival Curves & Oxygen effects	Dr.Priyanka	Dr.Sushil
LET & RBE, High LET Radiations	Dr.Pranali	Dr.Vijay
Organ wise Dose Tolerance, Tissue Reaction & Management -2	Dr.Priyanka	Dr.Sushil
Dosimetry	Dr.Pranali	Dr.Vijay
Radiation Syndromes (RB)	Dr.Priyanka	Dr. Sushil
Radiation Carcinogenesis +Hereditary effects of Radiation	Dr.Pranali	Dr.Vijay
3D-CRT	Dr.Priyanka	Dr.Sushil
IMRT	Dr.Pranali	Dr.Diwan
SRS/SRT	Dr.Priyanka	Dr. Sushil
Simulation & Mould Room Equipments	Dr.Pranali	Dr.Diwan
Brachytherapy Principles	Dr.Priyanka	Dr. Sushil
Interstitial Brachytherapy	Dr.Pranali	Dr. Sushil
Intravascular Brachytherapy	Dr.Priyanka	Dr. Sushil
Radio-sensitizers/ protectors & Chemical Modifiers	Dr.Pranali	Dr.Diwan
Principles of Chemotherapy	Dr.Priyanka	Dr. Sushil

  
 प्राध्यापक व विभाग प्रमुख  
 रेडिओथेरेपी व कर्करोगशास्त्र विभाग  
 राजकीय वैद्यकीय महाविद्यालय व  
 अस्पताल  
 पुणे