

Ref. No. EU/RIT/2026/37-B

Faculty of Allied Health Science
Department of Radiology & Imaging Technology
B.R.I. T 2nd Semester (2025-26)

Time Table, Lecture Venue: University Building 4th Floor Room No-413
Batch In charge: Mr. Shalendra Kumar Diwakar, Assistant Professor

Day/Time	10-11 AM	11-12 AM	12-1 PM	1-2 PM	2-3 PM	3-4 PM	4-5 PM
Monday 02/02/2026	General Anatomy-II Cerebellum Dr. Manisha	Medical Ethics & Legal Aspects(L) Legal, Ethical, and Confidentiality Issues in Medical Records Mr. Shalendra Kumar Diwakar	Basic Physics including Radiological Physics(L) convection Mr. Piyush Pandey	LUNCH - BREAK	General Physiology-II Anterior Pituitary hormones and function, physiology of growth & development, Gigantism, Acromegaly, Dwarfism. (L) (L) Dr. Swati Gupta Room No-412	Basic Physics including Radiological Physics (Practical(P) Portable X-Ray Equipment Mr. Piyush Pandey	Basic Physics including Radiological Physics (Practical) X-Ray Tubes (P) Portable X-Ray Equipment Mr. Shalendra Kumar Diwakar
Tuesday 03/02/2026	General Anatomy-II (L) Brain Stem Dr. Anam	Basic Physics including Radiological Physics(L) switches Mr. Piyush Pandey	Conventional Radiography & Equipment(L) grid controlled x - ray tube Tube Ms. Misika Mustafa		General Physiology-II Posterior pituitary hormones, milk ejection reflex, Diabetes insipidus(L) Dr. Sudhanshu Room No-412	Conventional Radiography & Equipment. (Practical) (P) grid controlled x - ray tube Mr. Shalendra Kumar Diwakar	Conventional Radiography & Equipment (Practical) grid controlled x - ray tube Ms. Misika Mustafa
Wednesday 04/02/2026	Environmental Science(L) Ecosystem: Concept, Structure, interrelationship, ecological pyramids. Dr. Swati Sachdev	Basic Physics, including Radiological Physics Image intensifier (Practical) Mr. Shalendra Kumar Diwakar	Basic Physics, including Radiological Physics Image intensifier (Practical) Ms. Misika Mustafa		Conventional Radiography & Equipment (L) effect of variation of anode voltage and filament temperature Ms. Misika Mustafa	Basic Physics including Radiological Physics (Practical) Radiation protection devices Mr. Piyush Pandey	Mentor- Mentee
Thursday 05/02/2026	Basic Physics including Radiological Physics (Practical) Radiation protection devices Mr. Piyush Pandey	General Physiology Practical Estimation of ESR, PCV Dr Swati Gupta/ Dr. Sudhanshu			Conventional Radiography & Equipment (L) x - rays, inherent filter and added filter, their effect on quality of the spectrum. Ms. Misika Mustafa	Soft Skill(L) Mr. Kamran Abidi	Medical Ethics & Legal Aspects(L) Introduction to Medical Terminology and Ward Formation Mr. Shalendra Kumar Diwakar
Friday 06/02/2026	Conventional Radiography & Equipment (Practical) effect of variation of anode voltage and filament temperature Ms. Misika Mustafa	Conventional Radiography & Equipment (Practical) effect of variation of anode voltage and filament temperature.	Basic Physics including Radiological Physics(L) fuses, circuit breakers, earthing Mr. Piyush Pandey		SELF-STUDY	Conventional Radiography & Equipment (Practical) effect of variation of anode voltage and filament temperature Mr. Shalendra Kumar Diwakar	Conventional Radiography & Equipment (Practical) diagnostic x-ray machines Ms. Misika Mustafa
Saturday 07/02/2026	General Anatomy Practical Dr. Hema/Dr. Dilsha/ Dr. Rabba		Environmental Science(L) Biodiversity: Importance & Hotspots Dr. Swan Sachdev		HALF DAY		

1. BRT-201 General Anatomy-II (2 Credits)
2. BRT-202 General Physiology-II (2 Credits)
3. BRT -203. Basic Physics including Radiological Physics (03 Credits) Mr. Piyush Pandey Assistant Professor
4. BRT -204 Conventional Radiography & Equipment (03 Credits) Ms. Misika Assistant Professor
5. BRT -205. Medical Ethics & Legal Aspects(02Credits). Shalendra Kumar Diwakar Assistant Professor
6. BRT -206 Environmental Science Dr. Swati Sachdev (02Credits). Assistant Professor
7. BRP-201 General Anatomy-II (1- Credits)
8. BRP-202 General Physiology-II (1- Credits)
9. BRP -203. Basic Physics including Radiological Physics (03 Credits) Mr. Piyush Pandey Assistant Professor
10. BRP -204 Conventional Radiography & Equipment (03 Credits) Ms. Misika Assistant Professor

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9. HOD- Liberal Education- EU, Lucknow

11/26
29/11/26

Prof. (Dr.) Mohd. Usman Khan
Head
Department of RIT
Era University, Lucknow



Prof. S. Riaz Mehdi
Dean
Faculty of Allied Health Science & Research
Era University, Lucknow

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Monday 09/02/2026	General Anatomy-II Blood Supply of Brain (L) Dr. Akantha	Medical Ethics & Legal Aspects(L) Prefixes, Suffixes, and Root Words in Medical Terms Mr. Shailendra Kumar Diwakar	Basic Physics including Radiological Physics(L) Heat capacity Mr. Piyush Pandey	LUNCH - BREAK	General Physiology-II Thyroid Hormone, Myxodema cretinism, graves' disease, goiter (L) Dr. Mohd. Adil Room No-412	Basic Physics including Radiological Physics (PracticalP) Effects of kV and mAs. Mr. Piyush Pandey	Basic Physics including Radiological Physics (Practical) X-Ray Tubes (P) Effects of kV and mAs. Mr. Shailendra Kumar Diwakar
Tuesday 10/02/2026	General Anatomy-II Spinal Cord-Anatomy including blood Supply (L) Dr. Hans	Basic Physics including Radiological Physics(L) specific heat capacity Mr. Piyush Pandey	Conventional Radiography & Equipment(L) High tension circuits Tube Ms. Misha Mustafa		General Physiology-II Parathyroid hormone, Ca Hemostasis(L) Dr. Hemlata Room No-412	Conventional Radiographs & Equipment. (Practical) High tension circuits Mr. Shailendra Kumar Diwakar	Conventional Radiography & Equipment (Practical) simplified circuit and block diagrams Ms. Misha Mustafa
Wednesday 11/02/2026	Environmental Science(L) Air Pollution: Causes, Effects and Control. Swati Sachdev	Basic Physics, including Radiological Physics (Practical) Gonad Shield Mr. Shailendra Kumar Diwakar	Basic Physics, including Radiological Physics (Practical) Lead Apron Ms. Misha Mustafa		Conventional Radiography & Equipment (L) generator for x-ray machines, three phase rectifier circuits Ms. Misha Mustafa	Basic Physics including Radiological Physics (Practical) Maintenance of X-ray equipment Mr. Piyush Pandey	Mentor- Mentee
Thursday 12/02/2026	Basic Physics including Radiological Physics (Practical) Construction of Xray Tube Mr. Piyush Pandey	General Physiology Practical Microscope, peripheral blood smear, DIC Dr. Hemlata/Dr. Mohd. Adil			Conventional Radiography & Equipment (L) three phase six rectifier circuit. Ms. Misha Mustafa	Soft Skill(L) Mr. Kaanain Abidi	Medical Ethics & Legal Aspects(L) Body Systems-Oriented Approach in Medical Terminology Mr. Shailendra Kumar Diwakar
Friday 13/02/2026	Conventional Radiography & Equipment (Practical) three phase six rectifier circuit Ms. Misha Mustafa	Conventional Radiography & Equipment (Practical) description and working, use of relays Mr. Ajay Deep	Basic Physics including Radiological Physics(L) Heat transfer conduction Mr. Piyush Pandey		Self Study	Conventional Radiography & Equipment electronic timers (Practical) Mr. Shailendra Kumar Diwakar	Conventional Radiography & Equipment (Practical) digital panel meters Ms. Misha Mustafa
Saturday 14/02/2026	General Anatomy Practical Dr. Huma/Dr. Diksha/ Dr. Rabiba		Environmental Science(L) Water, Marine & thermal Pollution: causes, effects and Control Dr. Swati Sachdev		HALF DAY		

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29/1/26

Prof. (Dr.) Mohd. Usman Khan
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ERA UNIVERSITY

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Monday 16/02/2026	General Anatomy-II Nerve Pathways (L) Dr. Rakha	Medical Ethics & Legal Aspects(L) Terminology of the Skeletal and Muscular Systems Mr. Shalendra Kumar Diwakar	Basic Physics including Radiological Physics(L) equation for thermal conductivity Mr. Piyush Pandey	LUNCH - BREAK	General Physiology-II Adrenal Cortex, Addison's Disease, Cushing Syndrome, Adrenal medulla, Pheochromocytoma (L) Dr. Swati Gupta Room No-412	Basic Physics including Radiological Physics (Practical)(P) Effects of kV and mAs. Mr. Piyush Pandey	Basic Physics including Radiological Physics (Practical) X-Ray Tubes (P) Effects of kV and mAs. Mr. Shalendra Kumar Diwakar
Tuesday 17/02/2026	General Anatomy-II Pyramidal & extrapyramidal system (L) Dr. Rakha	Basic Physics including Radiological Physics(L) Newton's law of cooling Mr. Piyush Pandey	Conventional Radiography & Equipment(L) three phase 12 rectifier circuit Tube Ms. Misha Mustafa		General Physiology-II Pancreas- action, secretion of Insulin & glucagon Diabetes mellitus(L) Dr. Sudhanshu Room No-412	Conventional Radiography & Equipment, (Practical) three phase 12 rectifier circuit Mr. Shalendra Kumar Diwakar	Conventional Radiography & Equipment (Practical) Control of scattered rad Ms. Misha Mustafa
Wednesday 18/02/2026	Environmental Science(L) Soil, noise & nuclear Pollution: causes, effects and control Dr. Swati Sachdev	Basic Physics, including Radiological Physics (Practical) Secondary Barrier Mr. Shalendra Kumar Diwakar	Basic Physics, including Radiological Physics (Practical) Pocket Dosimeter Ms. Misha Mustafa		Conventional Radiography & Equipment (L) high and medium frequency circuits Ms. Misha Mustafa	Basic Physics including Radiological Physics Mammography X-Ray tube Mr. Piyush Pandey	Mentor- Mentor
Thursday 19/02/2026	Basic Physics including Radiological Physics Mammography X-Ray tube (Practical) Mr. Piyush Pandey	General Physiology Practical Microscope, peripheral blood smear, DLC Dr. Hemlata/Dr. Mohd. Adil			Conventional Radiography & Equipment (L) capacitance filter control and stabilizing equipments Ms. Misha Mustafa	Soft Skill(L) Mr. Kaushal Abidi	Medical Ethics & Legal Aspects(L) Terminology of the Cardiovascular and Respiratory Systems Mr. Shalendra Kumar Diwakar
Friday 20/02/2026	Conventional Radiography & Equipment (Practical) Ms. Misha Mustafa	Conventional Radiography & Equipment (Practical) synchronous motor timers Mr. Ajaydeep Singh	Basic Physics including Radiological Physics(L) inverse square law Mr. Piyush Pandey		Self Study	Conventional Radiography & Equipment (Practical) Methods of Cooling the Anode Mr. Shalendra Kumar Diwakar	Conventional Radiography & Equipment (Practical) Clockwork timers. Ms. Misha Mustafa
Saturday 21/02/2026	General Anatomy Practical Dr. Huma/Dr. Disha/ Dr. Rakha		Environmental Science(L) Soil waste management & Role of an individual in prevention of Pollution & Case Dr. Swati Sachdev		HALF DAY		

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[Signature]
29/1/26

Prof. (Dr.) Mohd. Usman Khan
 Head
 Department of RIT
 Era University, Lucknow

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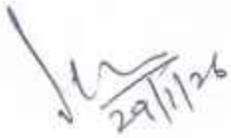
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Monday 23/02/2026	General Anatomy-II Thalamus (L) Dr. Priyanka	Medical Ethics & Legal Aspects(L) Terminology of the Digestive and Urinary Systems Mr. Shailendra Kumar Diwakar	Basic Physics including Radiological Physics(L) graphical representation of parameters that obey linear and exponential law Mr. Piyush Pandey	LUNCH - BREAK	General Physiology-II Introduction to Reproductive System (L) Dr. Hemlata Room No-412	Basic Physics including Radiological Physics (Practical)(P) Effects of kV and mAs. Mr. Piyush Pandey	Basic Physics including Radiological Physics (Practical) X-Ray Tubes (P) Effects of kV and mAs. Mr. Shailendra Kumar Diwakar
Tuesday 24/02/2026	General Anatomy-II Hypothalamus(L) Dr. Manisha	Basic Physics including Radiological Physics(L) A.C. and D.C. power supply Mr. Piyush Pandey	Conventional Radiography & Equipment (L) main voltage compensator, main resistance compensator, Ms. Misha Mustafa		General Physiology-II Fertility(L) Dr. Swati Gupta Room No-412	Conventional Radiography & Equipment (Practical) main voltage compensator, main resistance compensator, Mr. Shailendra Kumar Diwakar	Conventional Radiography & Equipment (Practical) Beam limiting devices Ms. Misha Mustafa
Wednesday 25/02/2026	Environmental Science(L) Definition & scope of Environmental science Dr. Swati Sachdev	Basic Physics, including Radiological Physics (Practical) kVp & mAs Mr. Shailendra Kumar Diwakar	Basic Physics, including Radiological Physics (Practical) X-Ray tube Ms. Misha Mustafa		Conventional Radiography & Equipment (L) Meters and exposure timers Ms. Misha Mustafa	Basic Physics including Radiological Physics (Practical) X-Ray tube Mr. Piyush Pandey	Mentor- Mentee
Thursday 26/02/2026	Basic Physics including Radiological Physics (Practical) kVp & mAs Mr. Piyush Pandey	General Physiology Practical Microscope, peripheral blood smear, DLC Dr. Hemlata/Dr.Mohd. Adil			Conventional Radiography & Equipment (L) contraction and working/conversion to millimeter, ammeter and voltmeter Ms. Misha Mustafa	Self-Study	Medical Ethics & Legal Aspects(L) Terminology of the Nervous and Endocrine Systems Mr. Shailendra Kumar Diwakar
Friday 27/02/2026	Conventional Radiography & Equipment (Practical) Meters and exposure timers Ms. Misha Mustafa	Conventional Radiography & Equipment (Practical) Interlocking circuits: Relays Mr. Ajaydeep Singh	Basic Physics including Radiological Physics(L) single phase and poly phase power supply. Mr. Piyush Pandey		Self-Study	Conventional Radiography & Equipment (Practical) iso chamber-based timers Mr. Shailendra Kumar Diwakar	Conventional Radiography & Equipment (Practical) Meters and exposure timers Ms. Misha Mustafa
Saturday 28/02/2026	General Anatomy Practical Dr. Huma/Dr. Dilsha/Dr. Rabiba		Environmental Science(L) Multidisciplinary nature and need for public awareness Dr. Swati Sachdev		HALF DAY		

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