



SANTOSH
Deemed to be University



SANTOSH DENTAL / MEDICAL COLLEGE

VALUE ADDED COURSE

Name of Course	:	Study Of Cross-Sectional Anatomy For Creating & Understanding A Corelation Between Classical Cadaveric Cross Sections &, Images Seen In Ultrasound, Computed Tomography (CT) And Magnetic Resonance Imaging (MRI)
Course Code	:	VAC - 62
Department	:	Anatomy
Program Dates and Time	:	April 2022 May 2022 June 2022 July 2022 Every Saturday (1:00 PM to 2:00 PM)
Course Content	:	<p>Cross-sections are two-dimensional, axial views of <u>gross anatomical structures</u> seen in <u>transverse planes</u>. They are obtained by taking imaginary slices perpendicular to the main axis of organs, vessels, nerves, bones, soft tissue, or even the entire human body. Cross-sections provide the perception of ‘depth’, creating three-dimensional relationships between anatomical structures in our mind’s eye.</p> <p>They build the entire picture, improve your understanding, consolidate the information and facilitate recall. In addition, modern imaging techniques like ultrasound, computed tomography (CT) and magnetic resonance imaging (MRI) are based on cross sectional anatomy. Therefore, cross-sections are essential for establishing a precise diagnosis, planning therapy and performing radiologically guided interventions.</p> <p>Hence the study of Cross-Sectional Anatomy serves two purposes; 1) as a visual medium to facilitate an understanding of the structural organization of the human body and 2) as preparation for the study of ultrasound, computed tomography (CT) & MRI</p>

Total Hours	:	16 Hours
HOD Name / Contact details	:	Dr. Nisha Kaul
Course Coordinator / Contact details	:	Dr Swati Yadav
No. Students in Batch 1	:	30
Eligibility	:	MBBS, MSc Anatomy
Fees (Optional)	:	None