

Shri Vithalrao Joshi Charities Trust's B. K. L. Walawalkar Rural Medical College





Goals

The broad goal in the teaching of undergraduate students in Anatomy aims at

- Providing comprehensive knowledge of the **gross** and **microscopic structures** and **development** of human body.
- To provide a basis for understanding the **clinical correlation** of organs or structures involved and the **anatomical basis** for the disease presentations.

Objectives

Knowledge

- Analyze the **integrative** and **regulative functions** of the organs and systems.
- He/she shall be able to locate the **site of gross lesions** according to the deficits encountered.
- Demonstrate knowledge of the **basic principles** and **sequential development** of the organs and systems,
- Recognize the critical stages of development, the effects of common teratogens, genetic mutations and environmental hazards.
- He/she shall be able to explain the **developmental basis of** the major variations and abnormalities.

Skills

- Identify and locate all the structures of the body and mark the topography of the living anatomy.
- Identify the organs and tissues under the microscope.
- Understand the principles of karyotyping and identify the gross congenital anomalies.
- Understand principles of newer imaging techniques and interpretation of CT scan, sonogram etc.
- Understand clinical basis of some common clinical procedures i.e. intramuscular and intravenous injection, lumbar puncture and kidney biopsy etc.

Integration

• Comprehend the regulation and integration of the functions of the organs and systems in the body.

Infrastructure

• Thus interpret the anatomical basis of disease process.

Name	Size
Professor & Head	5.24 x 4.41 = 23.10 Sq. m
Professor 1	5.31 x 3.17 = 16.83 Sq. m
Professor 2	5.31 x 5.04 = 26.76 Sq. m
Associate Professor	3.10 x 5.23 = 16.213 Sq m
Assistant Professor	5.31 x 3.17 x 2 = 16.83 Sq m
Tutors /Demonstrators	5.31 x 5.04 = 26.76 Sq m
Departmental Office	5.31 x 3.17 = 16.83 Sq m
Library Cum- Seminar Room	$5.31 \ge 6.35 = 34$ Sq. mtr
Non – Teaching Room	5.31 x 3.17 = 16.83 Sq m
Dissection Hall	19.31 x 19.27 = 372.10 Sq m
Lecture Hall 2	19.35 x 19.27 = 372.87 Sq m
Histology Lab	12.85 x 19.27 = 247.61 Sq m
Museum	12.81 x 19.27= 246.84 Sq m
Demo I & II	10.62 X 6.35 = 67.43Sqm
Research Lab	$10.62 \ge 6.35 = 67.43$ Sqm

Infrastructure: Departmental Library

Anatomy	Books
Central Library	1045
Departmental Library	120
Journal	01- Journal of anatomical society of India
e-consortia(Books & Journals)	Elsevier & DELNET e-consortia

Dept: Equipment's / Teaching aids

Department is equipped with-

- LCD Projectors: 5
- OHP Projectors: 2
- Computers: 10 connected to internet
- Printers 3
- Scanner with printer-1
- Cooling (4⁰C) cabinets total capacity for 15 cadavers
- Embalming machines
- Takara Sound system- for dissection hall
- All other equipment's as per NMC norms

Dept. of Anatomy- Curriculum

- The department adheres to the NMC and MUHS, Nashik norms for undergraduate education.
- New CBME curriculum has been implemented from 2019.
 - -Orientation Programme
 - -Foundation Course
 - -Students feedback
 - -Early clinical exposure
 - -ATECOM

Student Support & Progression

- Departmental level Seminars, Poster competitions are conducted under the guidance of faculty.
- All faculty use ICT to support & enhance the delivery of classroom teaching.
- Dissection hall, histology laboratory, demo rooms, museum are ICT enabled.
- Dissection hall is equipped with Takara sound system
- Continuous Internal Evaluation (CIE) is carried out by internal assessment (formative) examinations.
- Part completion/weekly tests are carried out regularly.
- During COVID-19 online classes were conducted.
- OSPE
- Parent Teacher Meetings help to understand students' progression & problems.
- Monthly attendance & Performance is informed to students as well as to parents.
- Anatomy Elective postings for III/I MBBS are in the fields of neuro-anatomy; research oriented and hands on practice.
- Remedial teaching for Slow learners
- Coaching for Advanced learners
- Students feedback provide us input and actions

Teaching Learning- Histology Lab



Museum



The department possess an extremely impressive museum. The museum contains

- Anatomical specimens
- Models (Embryology & gross anatomy)
- A fine collection of embryological specimens with birth defects.
- Articulated human skeletons, Radiological exhibits, Clinical charts etc.

Teaching Learning

- Gross anatomy
- Histology/ Microanatomy
- Embryology
- Osteology
- Genetics
- Radiology
- Living anatomy and surface marking
- Didactic lectures
- Cadaveric dissection
- Histology Lab. Practical's
- Small group discussion
- Self-directed learning
- Early clinical Exposure
- Class tests, Part completion Tests
- Problem Solving- Case based learning
- Poster Competitions
- AETCOM

OSPE



OSPE



Elective Posting





Teaching Learning-Dissection Hall

- Round the clock Embalming facility and cold storage Cooling (4⁰C) cabinets[capacity for 15 cadavers] is available .
- For clinical correlations articulated skeletons, wall-mounted charts are available in dissection hall. As per teaching schedule region-wise displaying of radiology films in view box are carried out.
- Lockers are provided to the students who wish to avail them.
- To respect cadavers and to know importance of cadavers under AETCOM cadaveric oath is organized for each batch.
- "Cadaver as a teacher" is Conducted with-Essay Writing with topics as-
- "My first day in the dissection hall"
- What it means "cadaver as a teacher"
- Skits and poster competitions about- Body donation and awareness



ANA-ART: An Innovate Mode of Teaching- Learning in Anatomy

Click :- https://www.youtube.com/watch?v=q9Fp1vxtr6s



Best Practice- Body Donation

Anatomy department is actively involved and implements Best Practice- Body Donation programme

- Anatomy Department encourages body donation for educational purposes.
- The body donation forms are made available at reception counter, IPD counter, College office and Anatomy Department with 24/7 support.
- Body donation awareness programmes are run by the department. **Volunteers** are trained to explain the procedure.
- Our faculty members also participated in some social camps.



मुलीने समजावले महत्त्व ; १४ जणांचा देहदाना [,]	वा संकल्प
डिके कुटुंबातील ९ जण; डेरवण रुग्णालयास देण्याचा निर्णय,तर स्मशानभूमीची गरः	ज लागणार नाही

देहदान संकल्पावेळी विलास डिके, कुटुंबीय व पित्र परिवार.

आता ती चंद्रपूर येथे नोकरीला असून देहदानाचे महत्व ती समजावून सांगते.

व्यक्तींशी चर्चा झाली. मरणानंतर

कार्यांसाठी योगदान देत असतो. मात्र, तिने देहदानाचा संकल्प केला होता.

आमची भावना आहे. मुलगी मुंबईत देहदान करण्याबाबत कुटुंबातील सर्व

नागेफ पार्टीलः सकाळ वृत्तसेवा यांच्या मित्र परिवासतील तोंडली

विपळण, ता. २२ : जिवंतपणी

पण सामाजिक कार्यात योगदान

देतो. मात्र, मरणानंतरही देहाचा

विचाराने तालुक्यातील कुशिवडे

ल विलास डिके यांच्या एकाच

तील ९ जगांनी देहदानाचा

घेतला आहे. आई,

च्या त्रमाच्या वाददिवसाचे

पांनी केली. याचवेळी डिके

त्य साधून डेरवण रुणाल

समाजसाठी व्हावा, या

येथील प्रा. येलये दाम्पत्य, कडवई

येथील शिक्षक कडवर्डका दाम्पल

आणि दिपीका जोशी अशा १४ जगांन

एकाच वेळी देहदान करण्याचा निर्णय

प्रणावंत्यहो आपल्या प्रयोगनीय

चिपळण

मरणानंतरही आमचा देह समाजातील

गरजूंच्या उपयोगो पडावा, अशो

नसिंगचे शिक्षण घेत असतानाच

अवयव गरवूंसाठी उपयोगात यावेत,

याबाबत तितकीशी जागरूकत

समाजात झालेली नही. त्यामुळे

एकाच वेळी कुटुवांतील सवींनी देहदान

करण्याच्या निर्णयावर कुशिवडे येथील

म्हणाले, आम्ही नेहमीच सामाजिक

घेतला आहे.

ाचा संकल्प डिके सामाजिक कार्यकर्ते विलास डिके



Inter-departmental Activities





Basic surgical skill workshops- Royal College Edinburgh Professor Dr. Prashant Moolya- Lab In-charge



ENT- Demonstration to students and faculty of endoscopic septoplasty and functional endoscopic sinus surgery on cadaver



Governance and Leadership

Departmental faculty takes an additional responsibilities in • Anti-ragging squad

- Medical Education unit
- Curricular committee •
- Curriculum Sub –committee Phase 1 •
- Library committee
- Anti-ragging committee •
- •
- •
- Faculty for spine workshops Faculty for BSS workshops Alignment and Integration Committee: Phase I •
- MUHS Theory examination •
- Centre in charge
- IVS •