



YENEPOYA

(DEEMED TO BE UNIVERSITY)

Recognised under Sec. 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

Certificate

3.1.5 University has the following facilities:

1. Central Research Laboratory / Central Research Facility
2. Animal House/ Medicinal plant garden / Museum
3. Media laboratory/Business Lab/e-resource Studios
4. Research/Statistical Databases/Health Informatics
5. Clinical Trial Centre

The data furnished by the Yenepoya (Deemed to be University) pertaining to Geo-tagged photographs of the above facilities available in the campus has been verified.

Signature of the Registrar

Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore - 575 018



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3.1.5 University has the following facilities:

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3.1.5. University Facilities

Geo-tagged Photographs: Central Research Facility



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Yenepoya Research Centre

(ISO-17025:2017 Compliance)

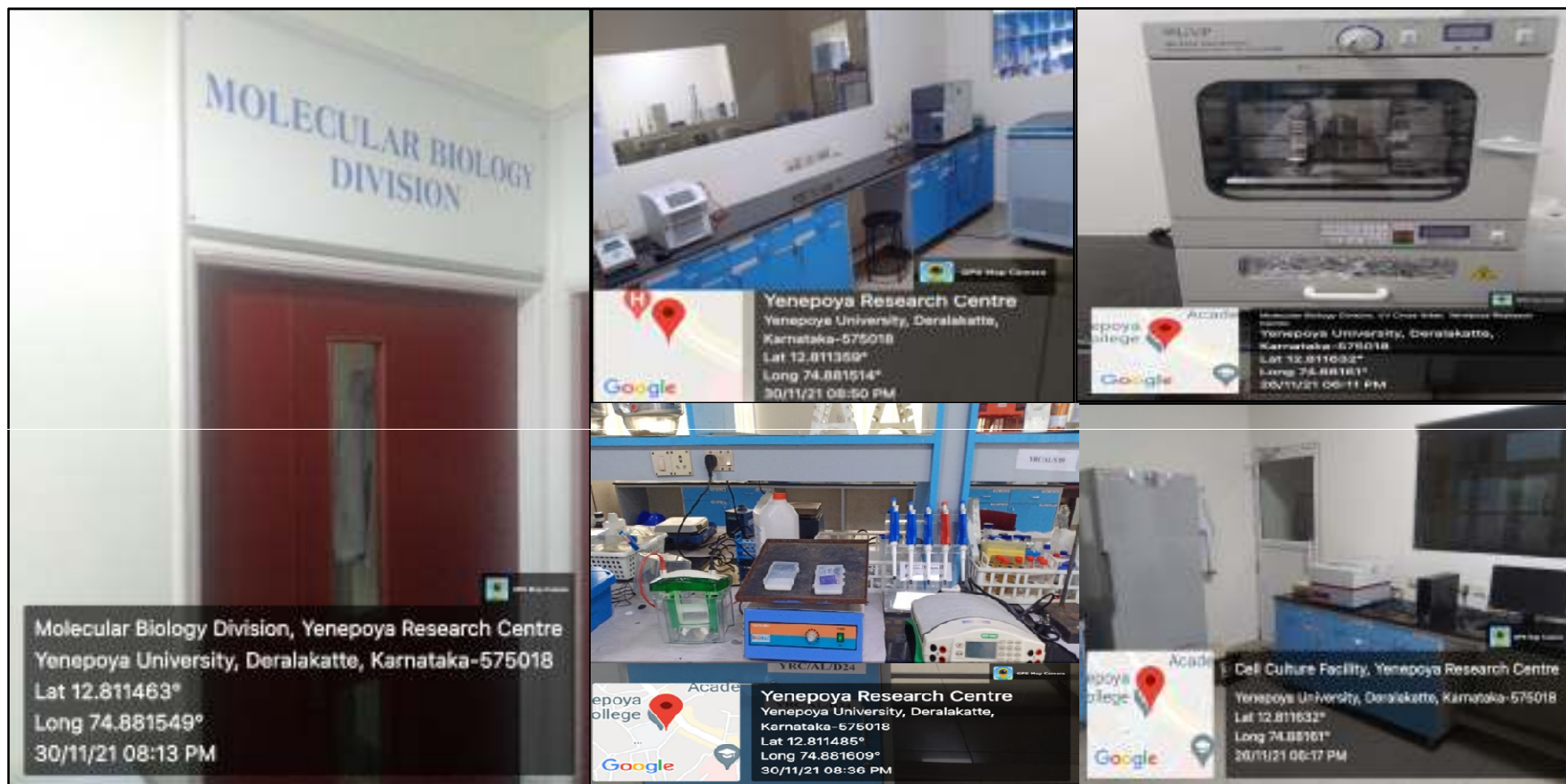


The central research facility is housed in the Yenepoya Research Centre with advanced facilities for multiomics studies and stem cell and regenerative medicine, nanotechnology, biotechnology, cell culture, drug development and testing, molecular biology, genetics, bioinformatics etc.

Central Research Facility Geo-tagged Photos/3.1.5/YDU



Molecular Biology Facility



Facilities include RT-PCR, Nanodrop, Thermal cycler, DNA concentrator, Gel documentation system, Electroporator, UV Crosslinker, Blotting apparatus, ELISA reader, etc



Cell Culture Facility

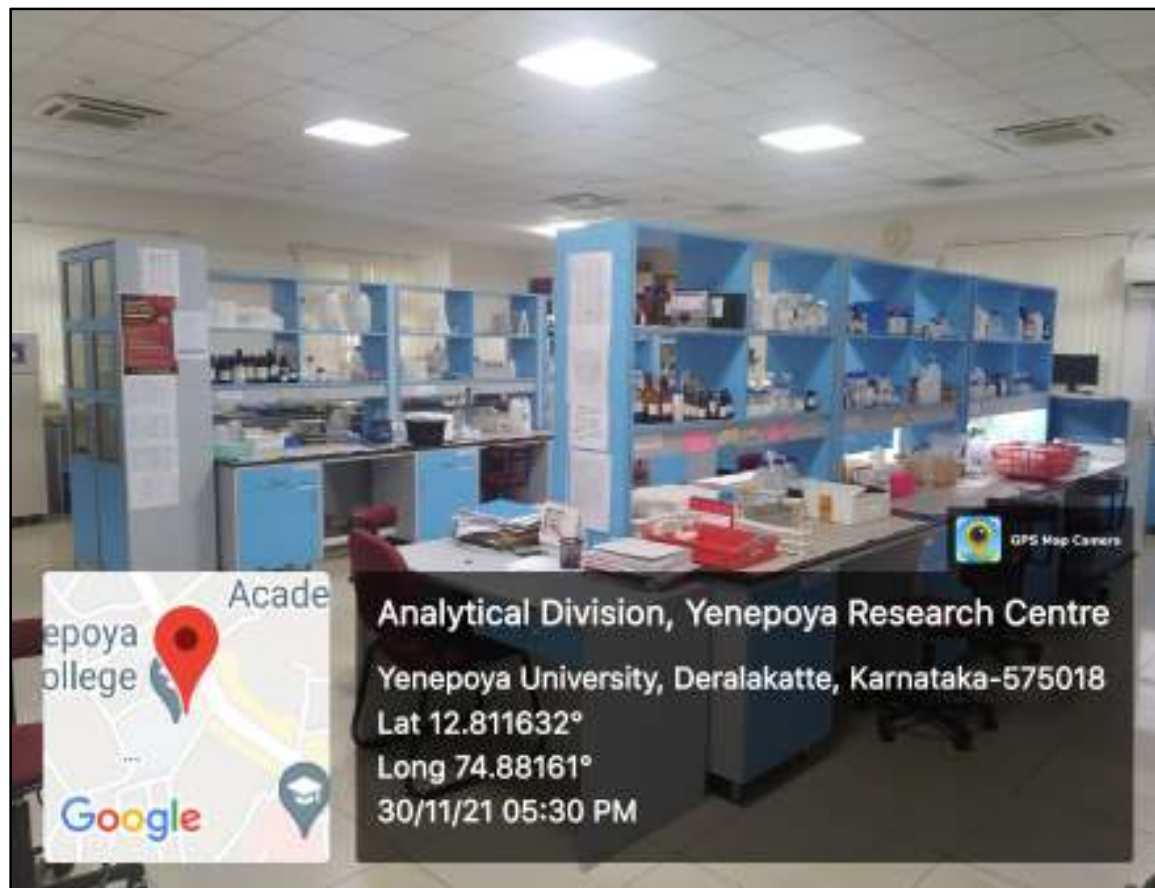


Facilities include: Biosafety chambers, CO₂ Incubator, Bright-field microscope, Inverted microscope, centrifuges, Flow cytometer, LN₂ storage, -80 degree freezer and autoclave etc.

Central Research Facility Geo-tagged Photos/3.1.5/YDU

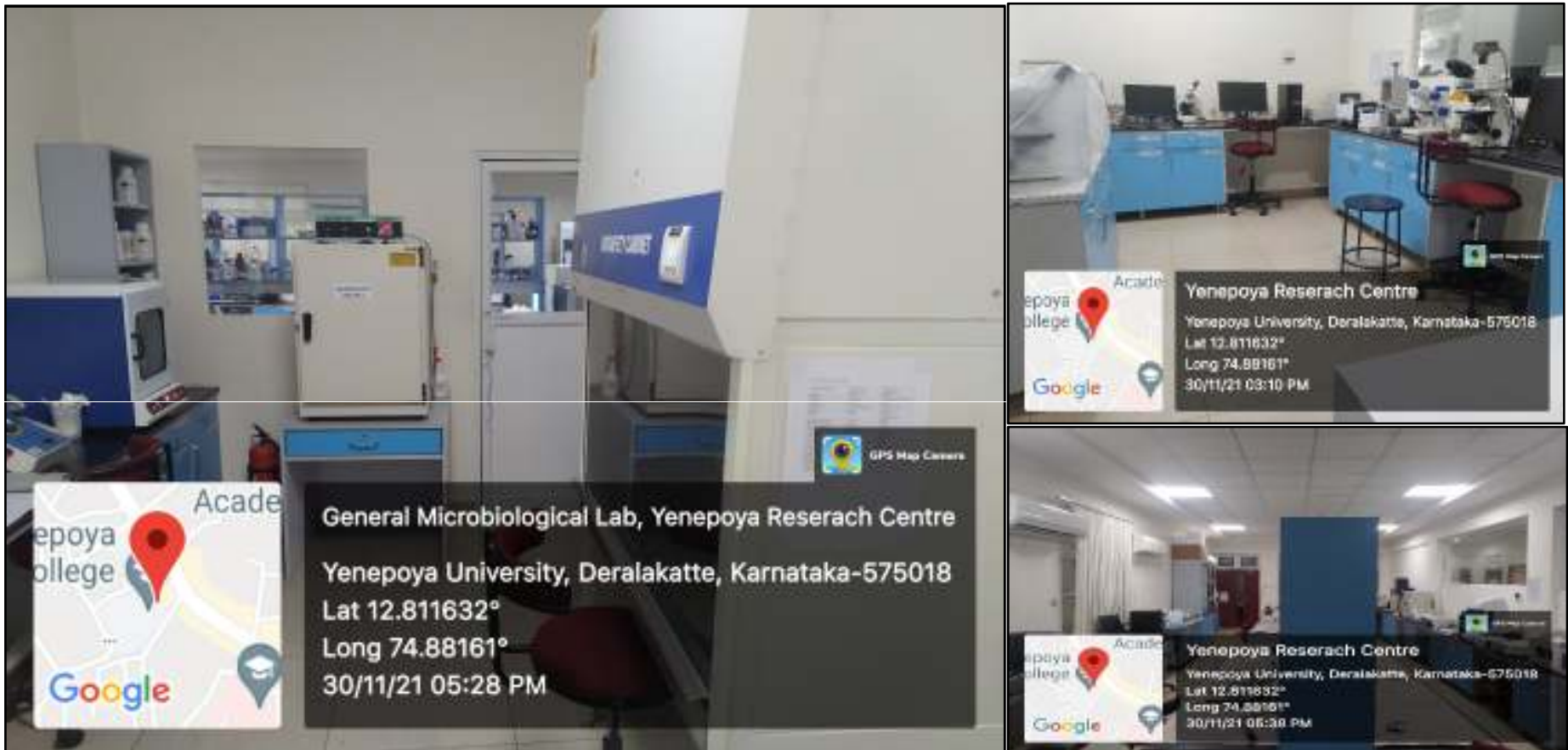


Bio-Analytical Facility



Bio-analytical facility has equipment for most of the analysis. The common working area is shared by all the researchers and is used and maintained as per the SOPs outlined for facility

General Microbiology Lab



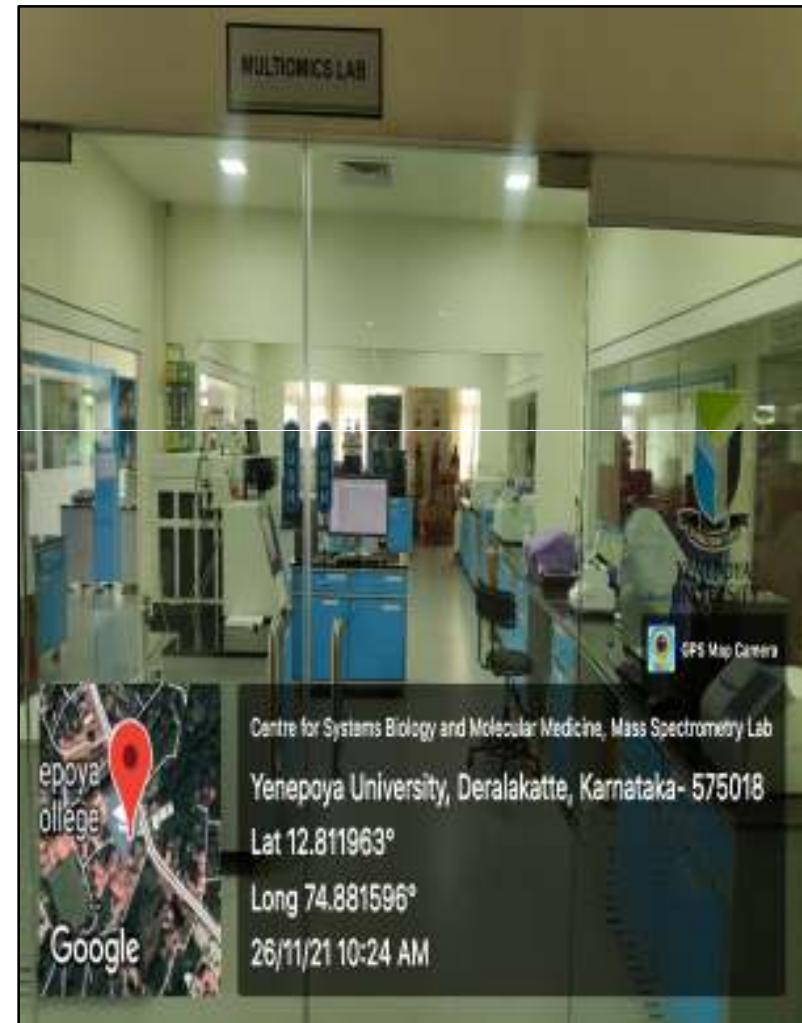
Incubators, Biosafety cabinets, Microscopes, Spectrophotometers, Digital colony counters, Water bath, Sonicator, Deep freezers and other storage facilities

Animal Histopathology Lab



- Automated Tissue processor,
- Microtome,
- Tissue embedder,
- Microscopes,
- Biochemical analyzer
- haematology analyzers for animal samples

Mass spectrometry Facilities for Proteomics and Metabolomics



Central Research Facility Geo-tagged Photos/3.1.5/YDU

Mass spectrometry Facilities for Proteomics and Metabolomics



The facility includes Orbitrap Fusion Tribid Mass spectrometer, Qtrap Mass spectrometer, Nano LC, HPLC and other associated equipments. Attached to it is a sample preparation and storage facility



Advanced Mass Spectrometry Facilities for Proteomics and Metabolomics



Multionics Laboratory view



Advanced Facility: Stem Cells and Regenerative Medicine



Wet lab Stem cell research: laboratory view



Lab with cryopreservation facility

Central Research Facility Geo-tagged Photos/3.1.5/YDU



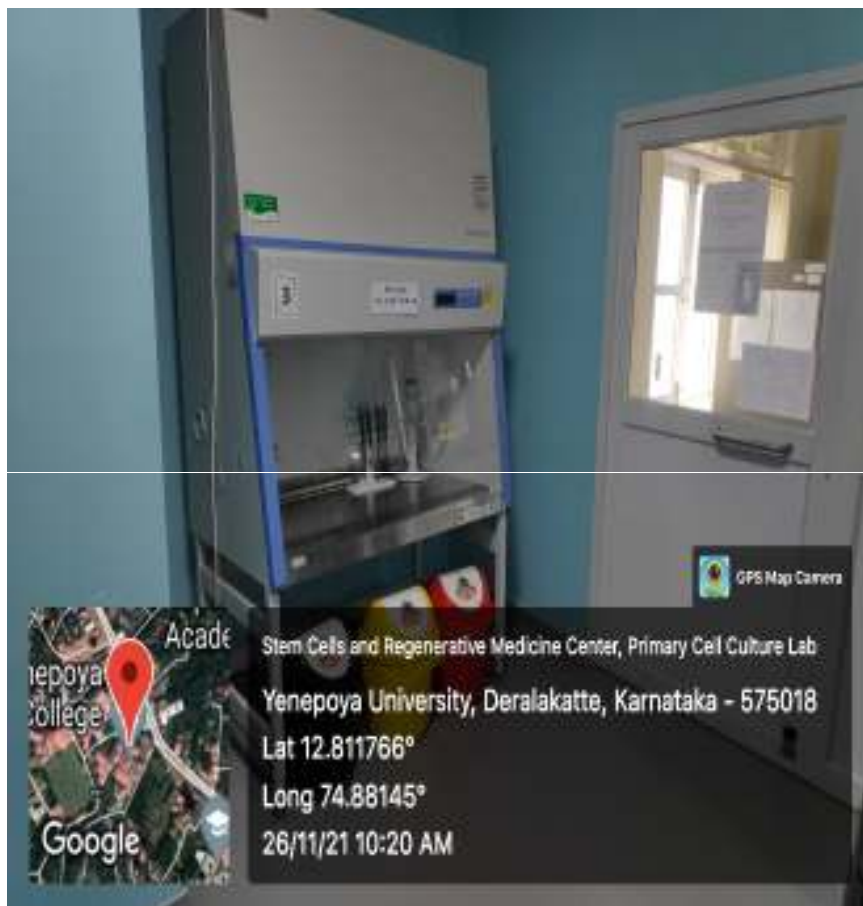
Advanced Facility: Stem Cells and Regenerative Medicine



Fluorescence Activated Cell Sorter (FACS)

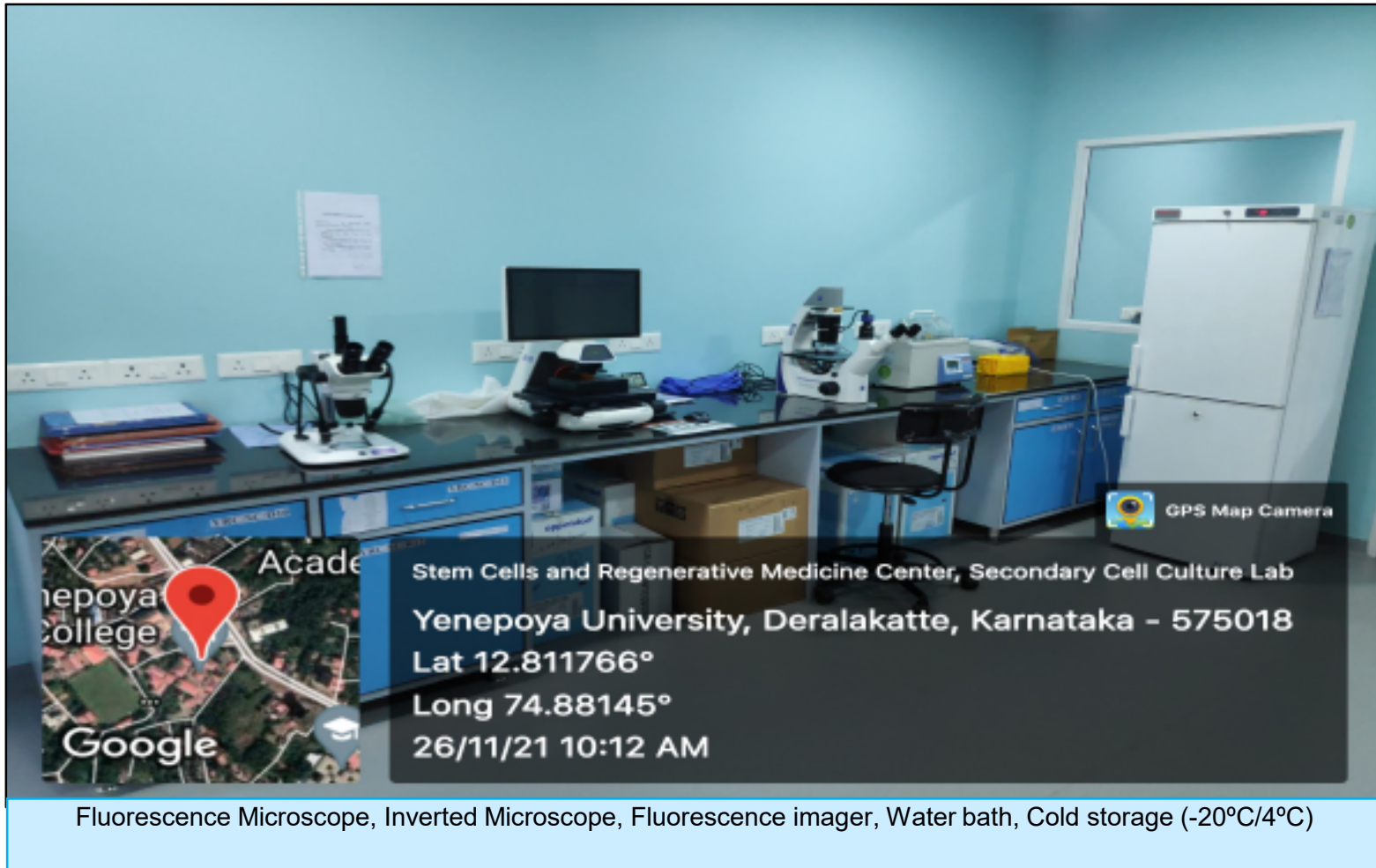


Stem Cells and Regenerative Medicine: BSL-2 Laboratory



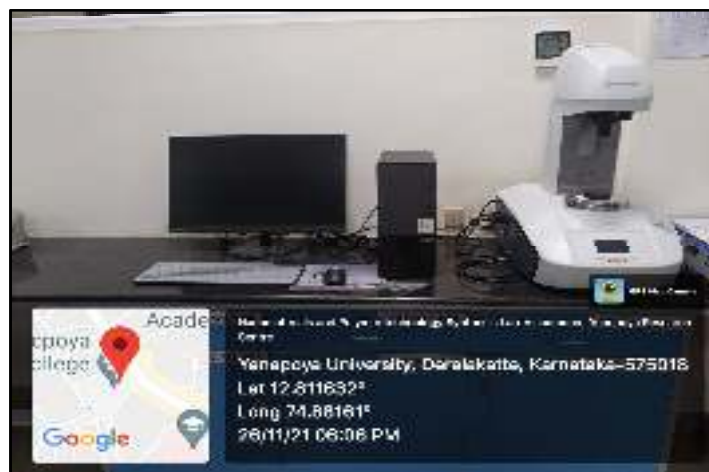
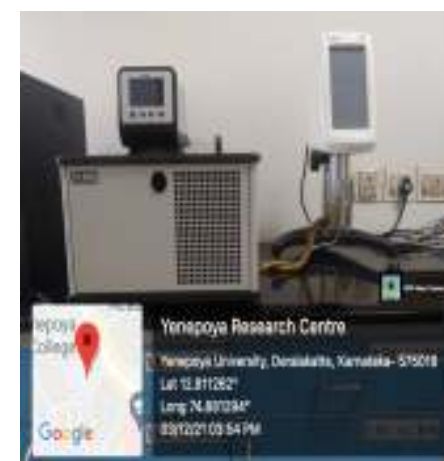
Biosafety level 2 (BSL-2 Class A) Facility

Advanced Facility: Stem Cells and Tissue Imaging Facility



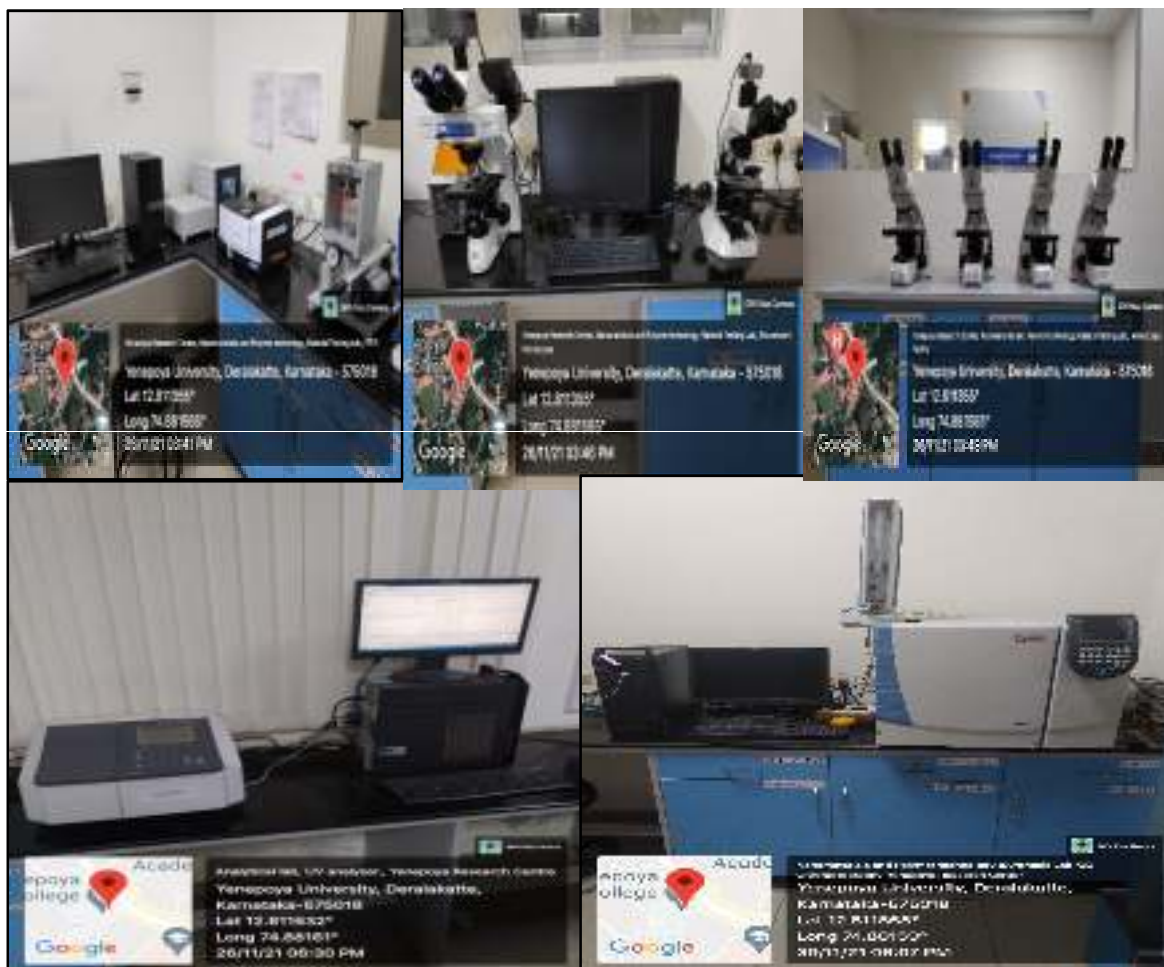


Nanomaterials and Polymer Technology: Synthesis Lab



Shinkline for synthesis, Rotary evaporator, Lyophilizer, Rheometer, UV-Vis spectrophotometer etc.

Nanomaterials and Polymer Technology: Material Testing Lab



Facilities include

- FTIR,
- Fluorescence microscopy,
- UV-Spectrophotometry,
- Gas Chromatography,
- Multi-mode plate reader
- Other general purpose equipments for R&D purposes



3D Printing Facility - FDM, SLA, & DLP – Additive Manufacturing



Central Research Facility Geo-tagged Photos/3.1.5/YDU



Yenepoya Technology Incubator



Central Research Facility Geo-tagged Photos/3.1.5/YDU



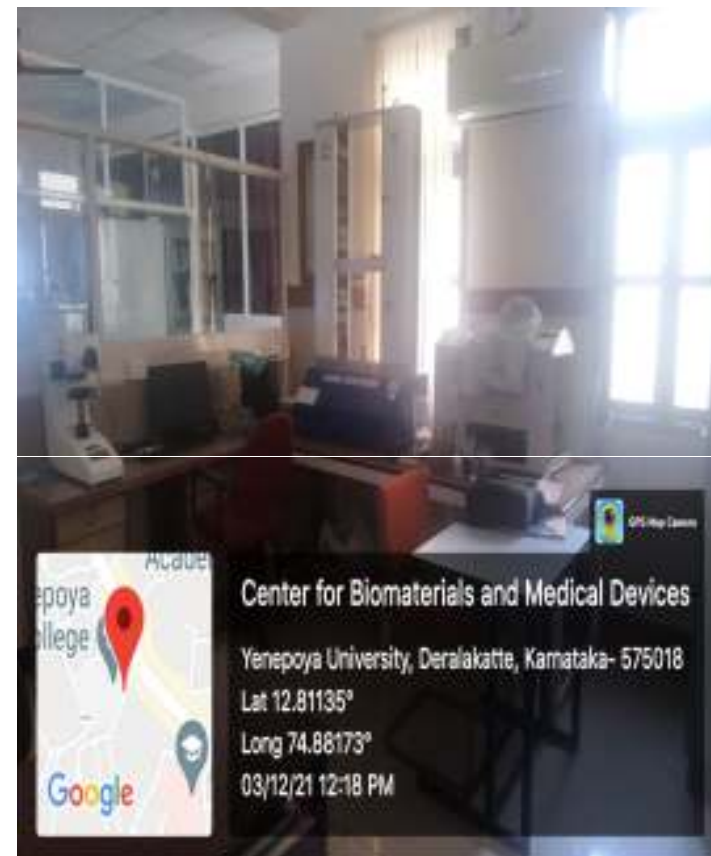
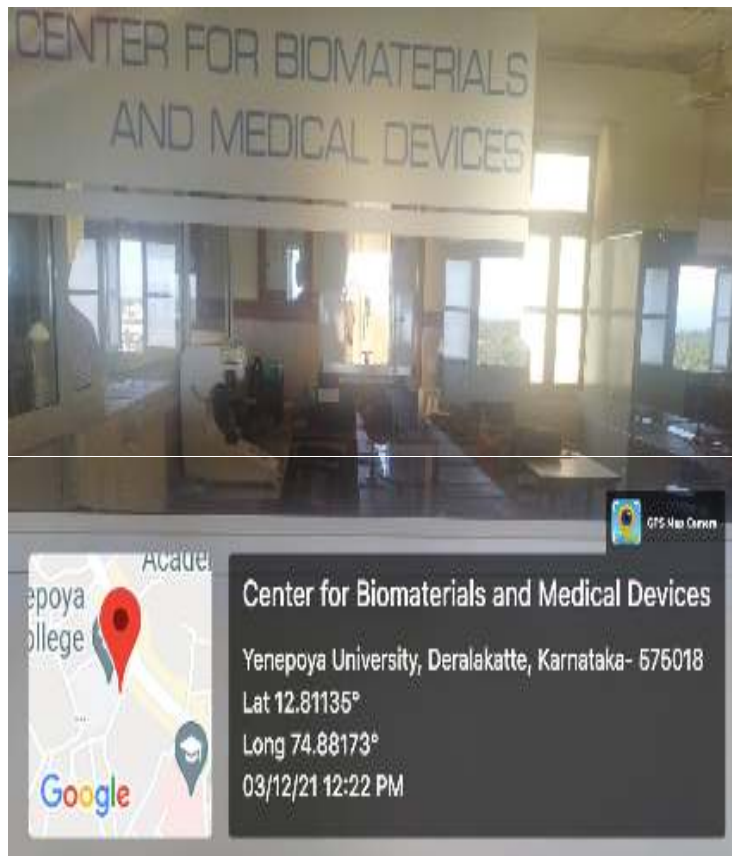
Central Laboratory: NABL Accredited



Central Research Facility Geo-tagged Photos/3.1.5/YDU



Biomaterial Testing Laboratory Facility



Central Research Facility Geo-tagged Photos/3.1.5/YDU



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3.1.5. University Facilities

Geo-tagged Photographs: Animal Facility, Medicinal Plant Garden and Museums



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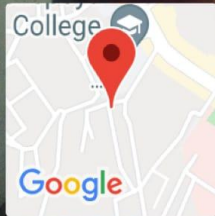
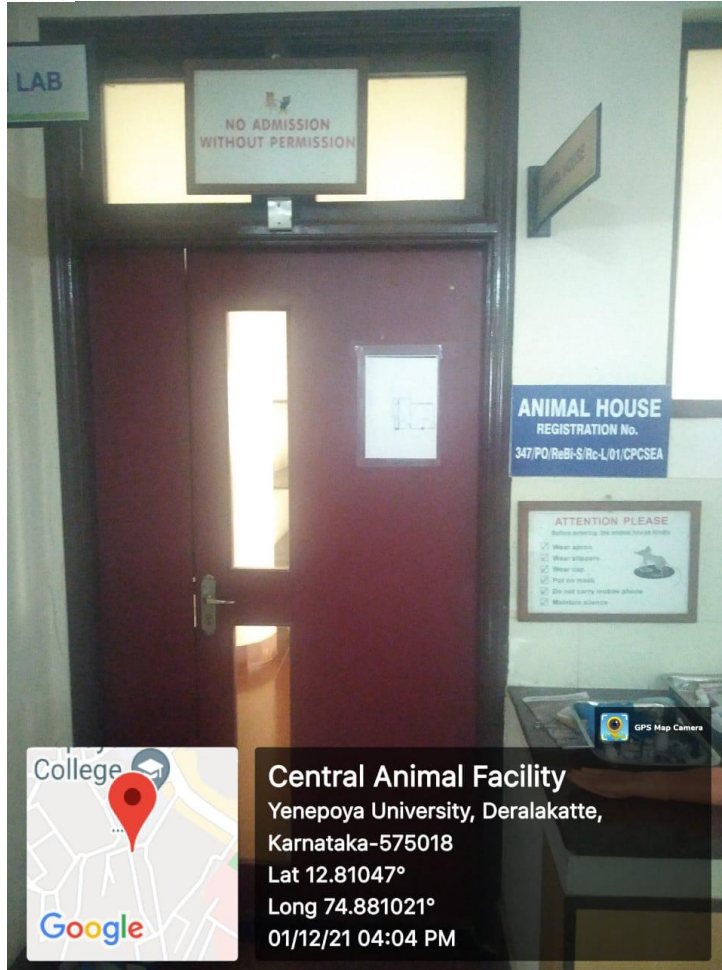
Page 9 -11: Medicinal Plant Garden

Page 12-61: Museums

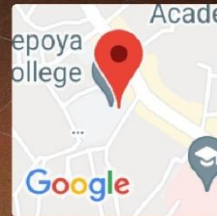


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Animal House: Small Animals- IVC System



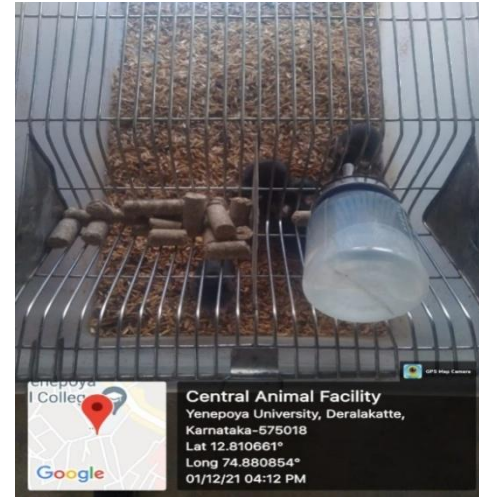
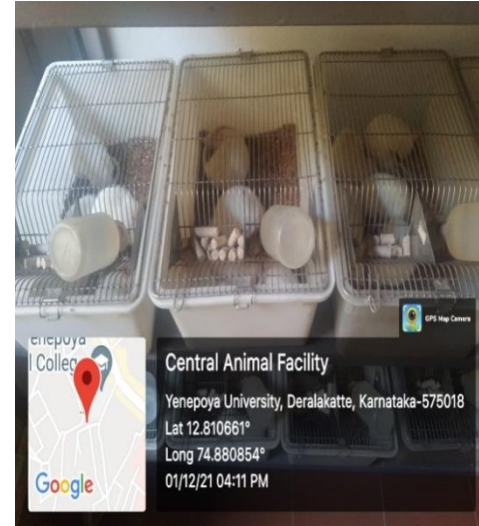
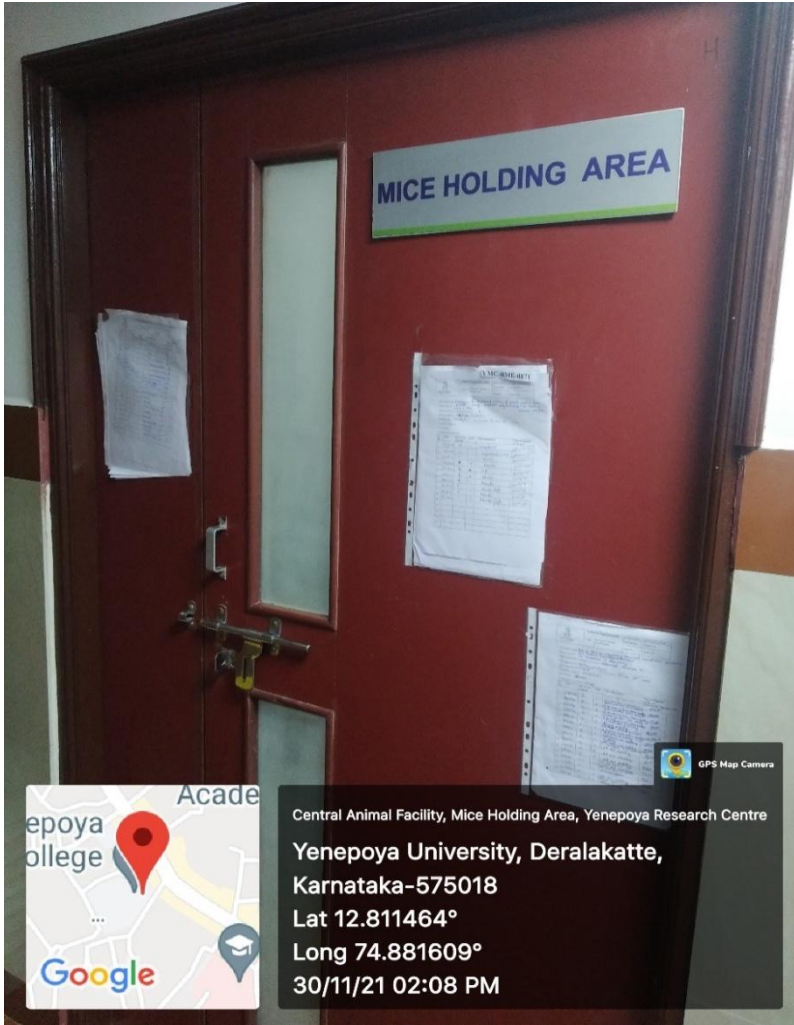
Central Animal Facility
Yenepoya University, Deralakatte,
Karnataka-575018
Lat 12.81047°
Long 74.881021°
01/12/21 04:04 PM



Central Animal Facility, Mice Holding Area, Yenepoya Research Centre
Yenepoya University, Deralakatte,
Karnataka-575018
Lat 12.811464°
Long 74.881609°
30/11/21 02:08 PM

The central animal house has facility for both small and large animals for research and training. The IVC system helps controlled environment for the mice used in experiments. Rats and rabbits are maintained in standard cages in air conditioned rooms.

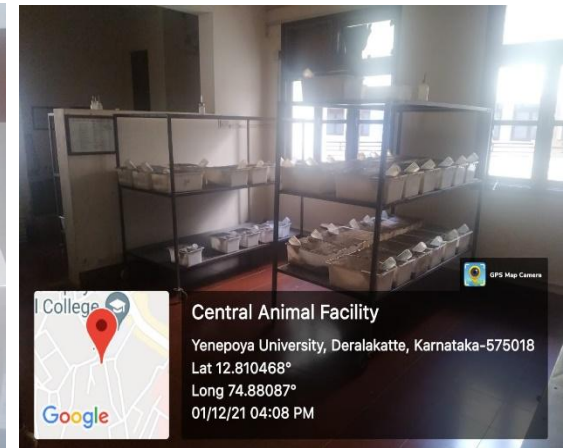
Small Animals: Mice Holding Area



Small Animals- Rat Holding Area

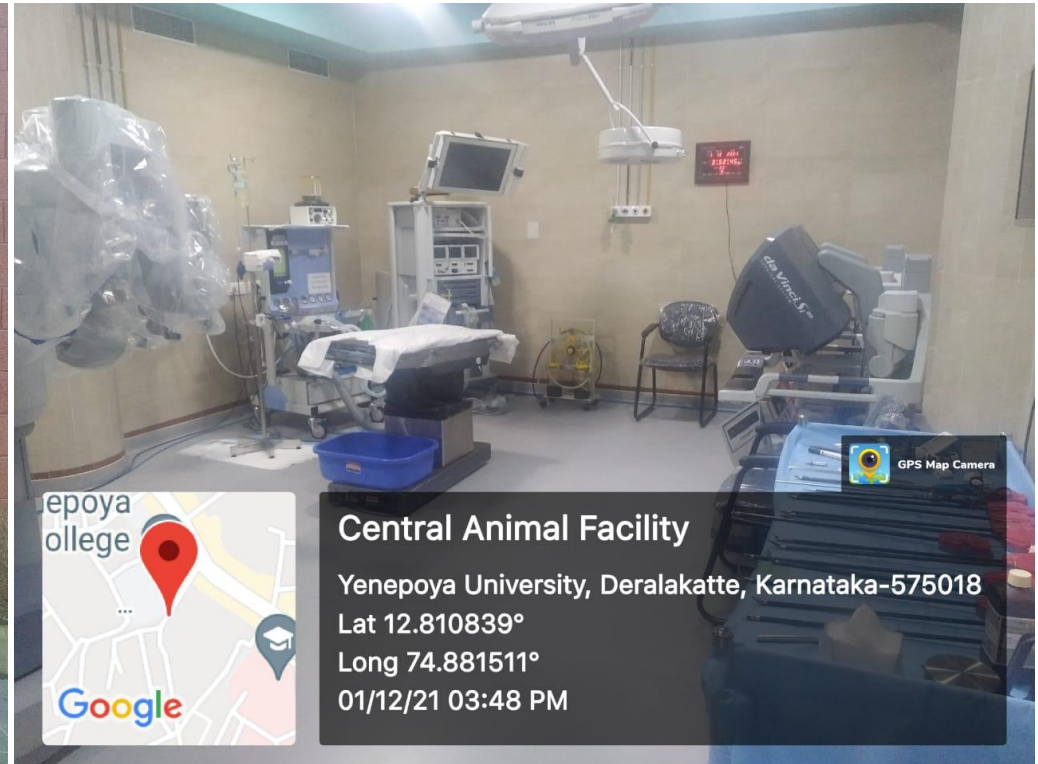
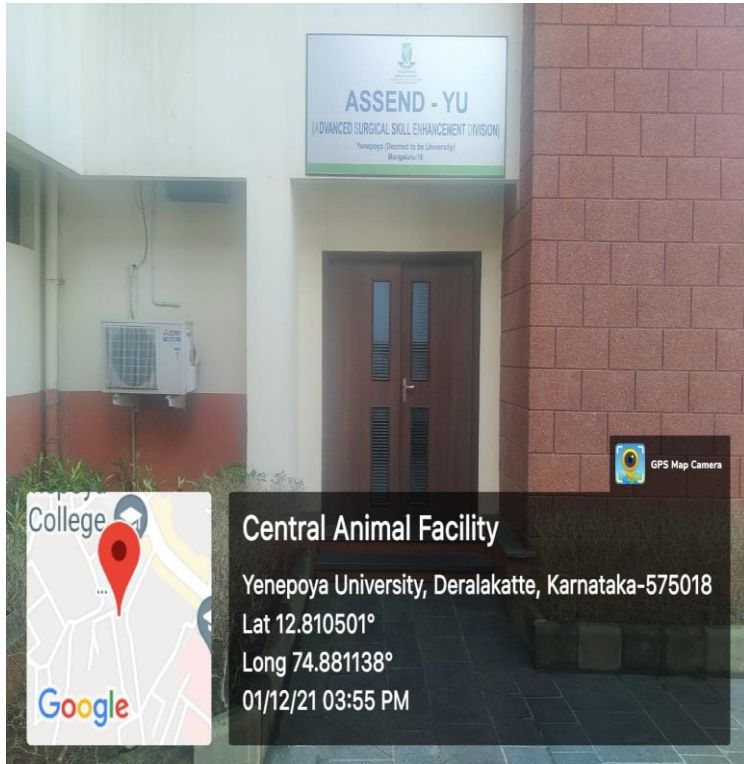


Small Animals-Procedure Room



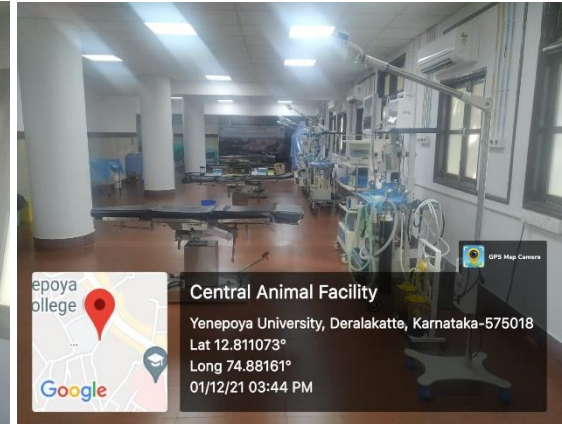
The procedure room is used for all the animal procedures that are conducted under the supervision of a veterinary surgeon.

Large Animal Facility-ASSEND for Robotic Surgery




The large animal facility is equipped with robotic and laparoscopic surgery facilities. It is used for surgical skill training sessions

Large Animal Facility- Surgical Infrastructure



The large animal facility is equipped with robotic and laparoscopic surgery facilities

Large Animal Facility: Surgical Training



University Hospital

Google

Someshwara, Karnataka, India
Unnamed Road, Someshwara, Karnataka 575022, India
Lat N 12° 48' 41.9652"
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25/12/20 11:06 AM

Live surgical procedure using Porcine model

Large Animal Facility: Surgical Training



Live surgical procedure using Porcine model



YENEPOYA

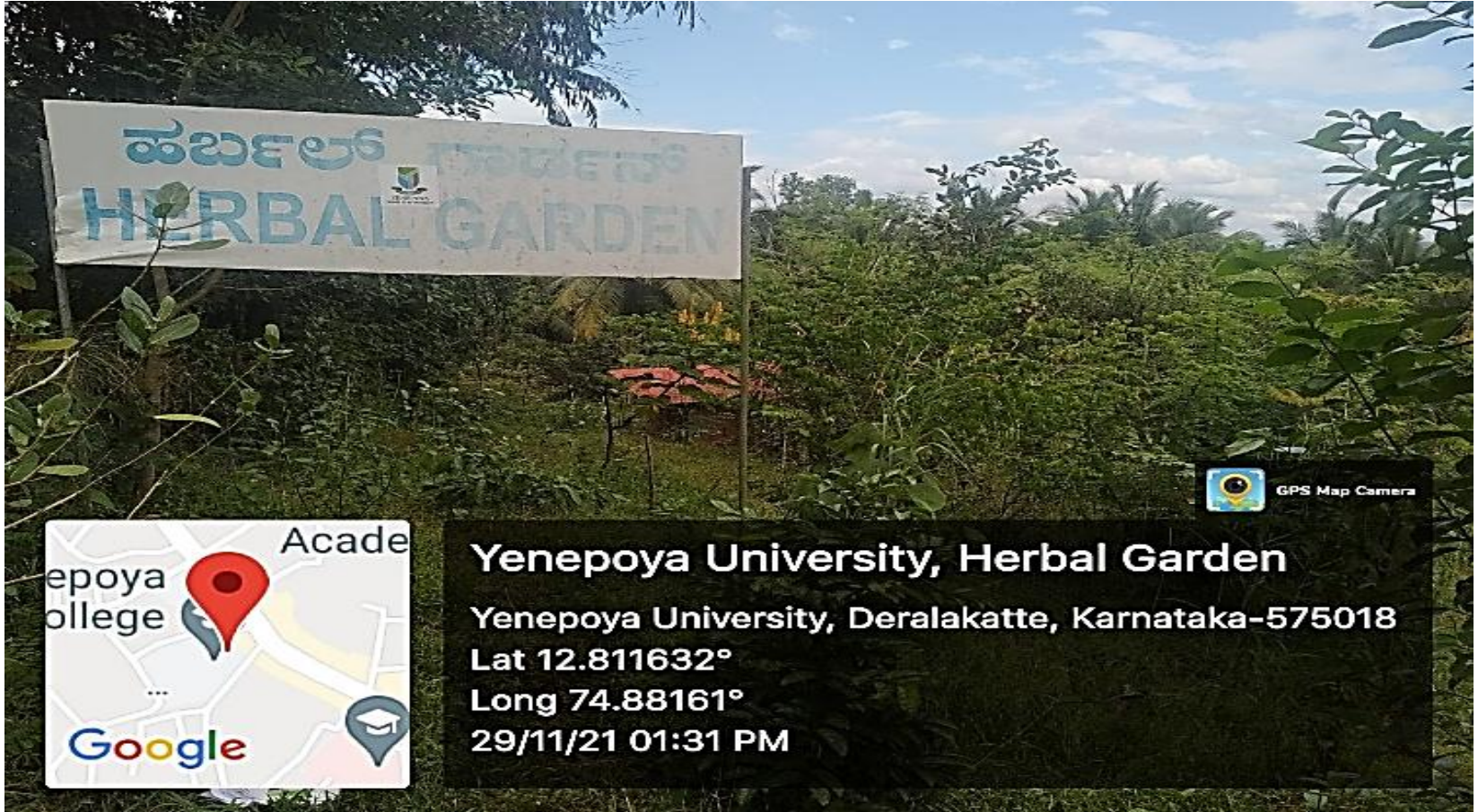
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Medicinal Plant Garden

Medicinal Plant Garden



The medicinal plant garden houses- variety of medicinal plants for education and research uses.



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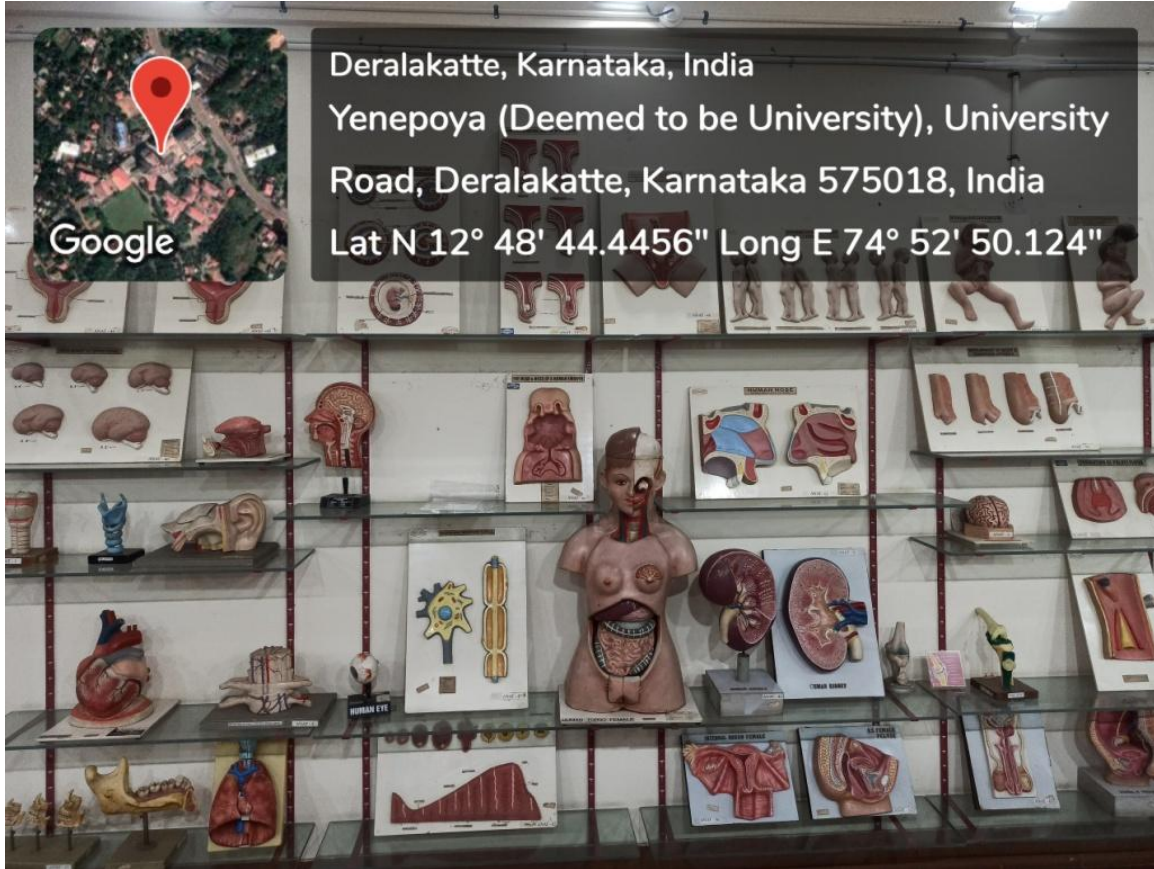
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Museums



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Museum- Anatomy



Museum- Biochemistry



Ullal, Karnataka, India

University Road Deralakatte Mangalore 575018, Ullal, Karnataka 575022,
India

Lat N 12° 48' 40.9212"

Long E 74° 52' 52.4172"

16/08/21 11:06 AM



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Museum- Community Medicine



Deralakatte, Karnataka, India

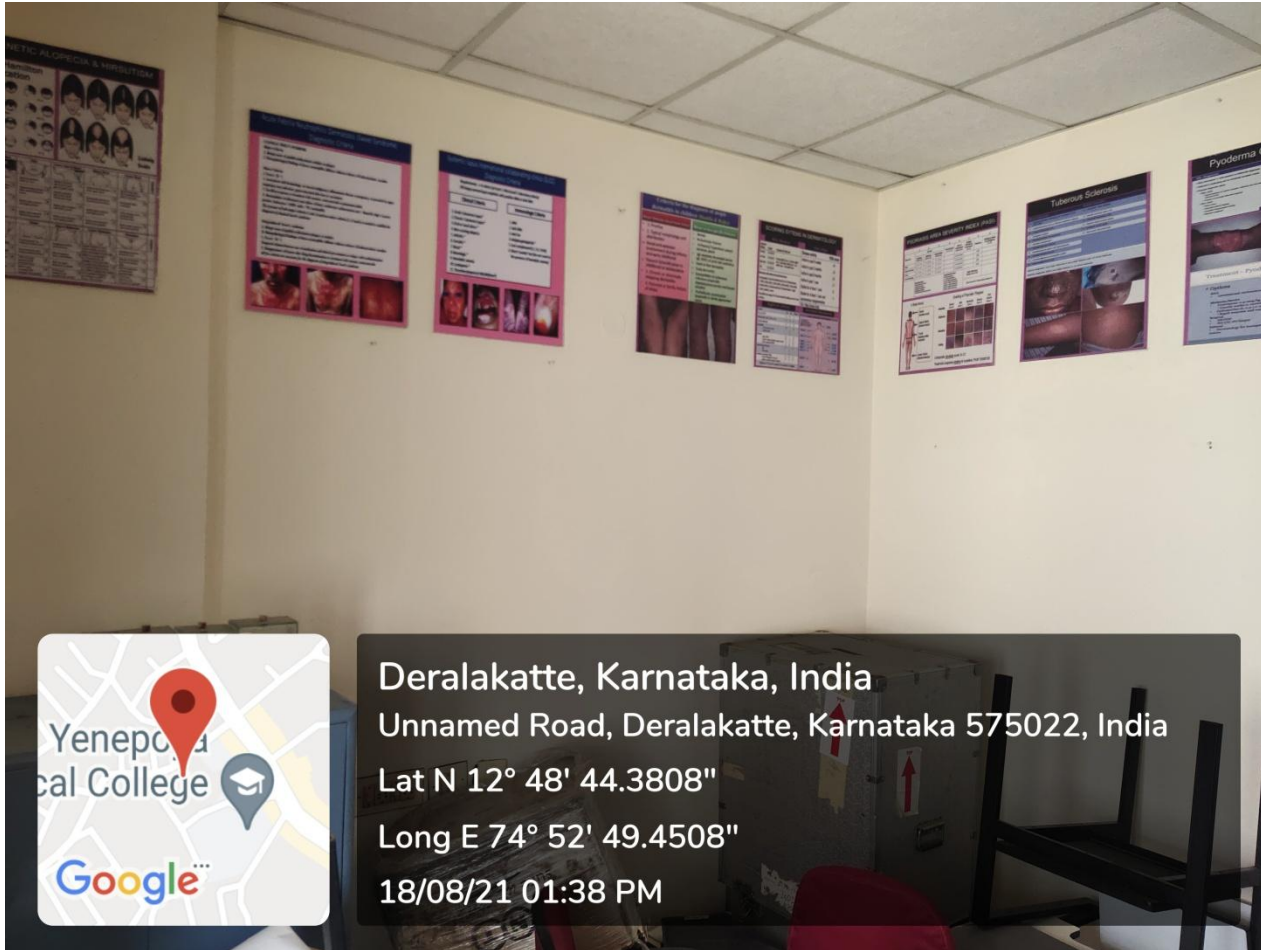
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575022, India

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Long E 74° 52' 52.5828"

18/08/21 10:14 AM

Museum- Dermatology, Venereology and Leprosy



Museum- ENT



University Hospital

Google

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Museum- Forensic Medicine

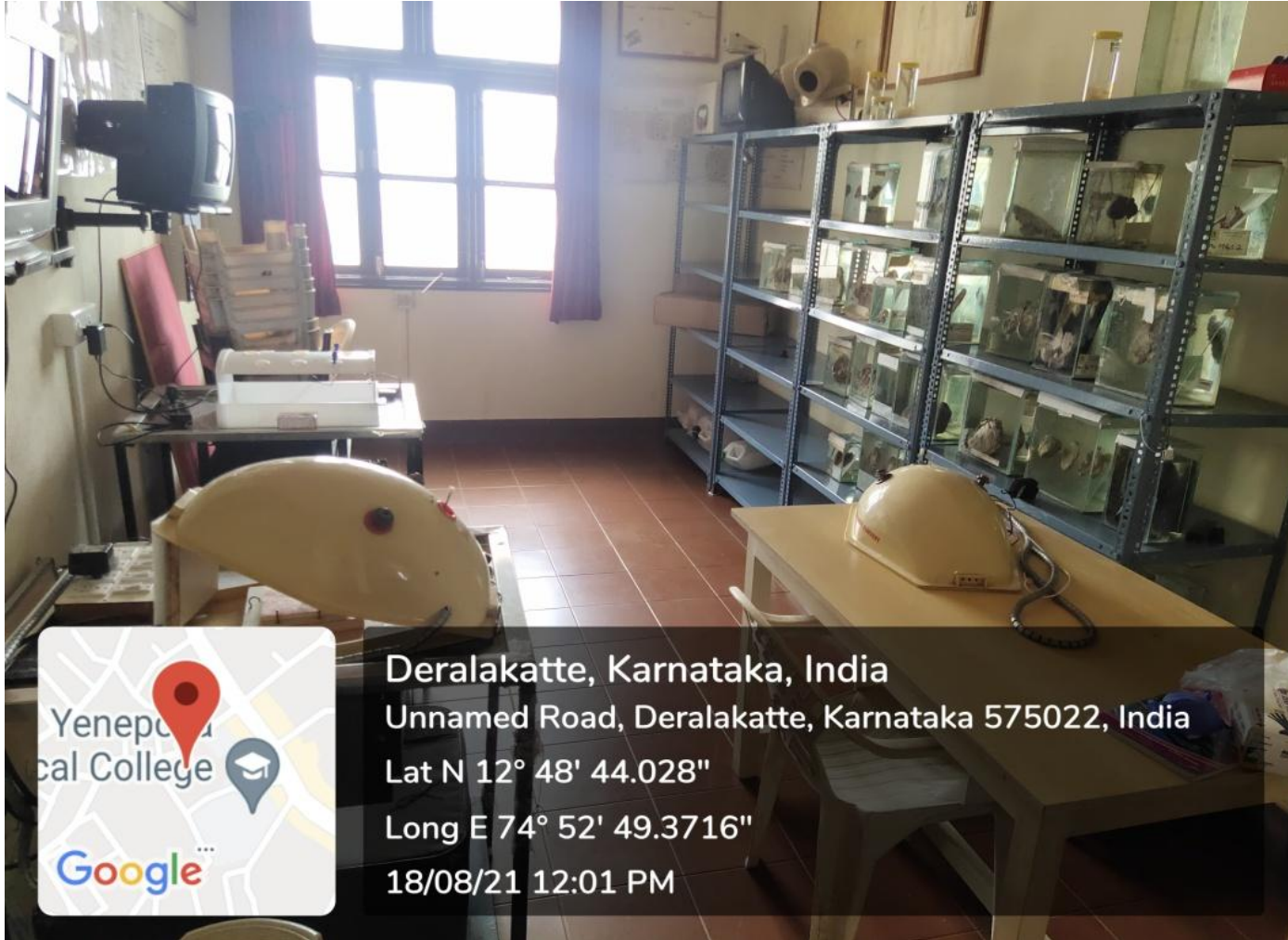
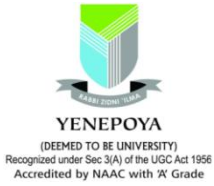


Deralakatte, Karnataka, India
Yenepoya (Deemed to be University), University
Road, Deralakatte, Karnataka 575018, India
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Google

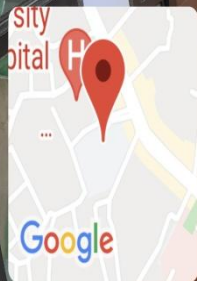
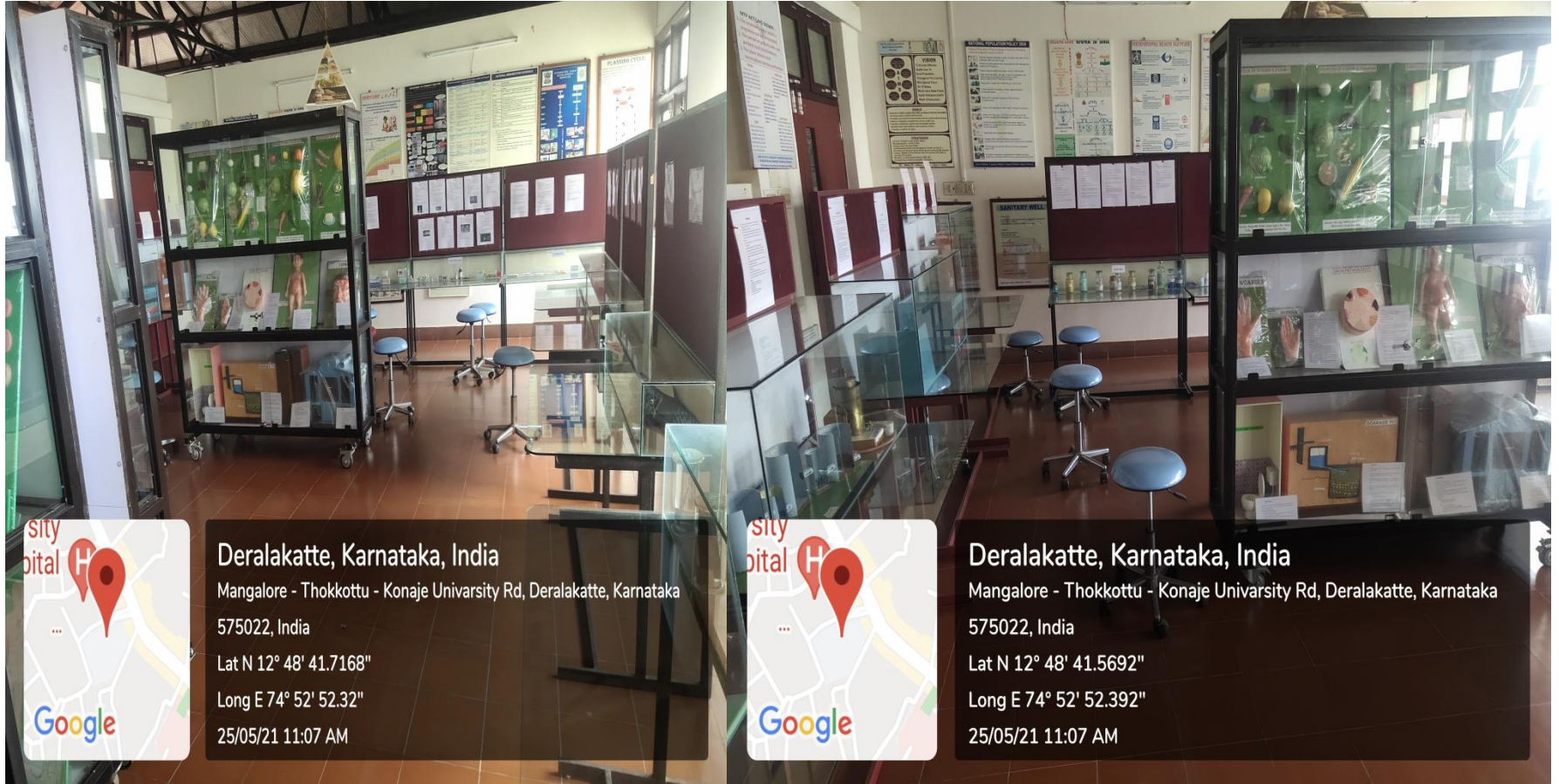


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Yenepoya (Deemed to be University), University
Road, Deralakatte, Karnataka 575018, India
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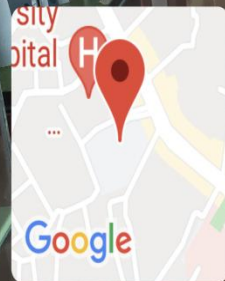
Museum- General Surgery



Museum- Microbiology

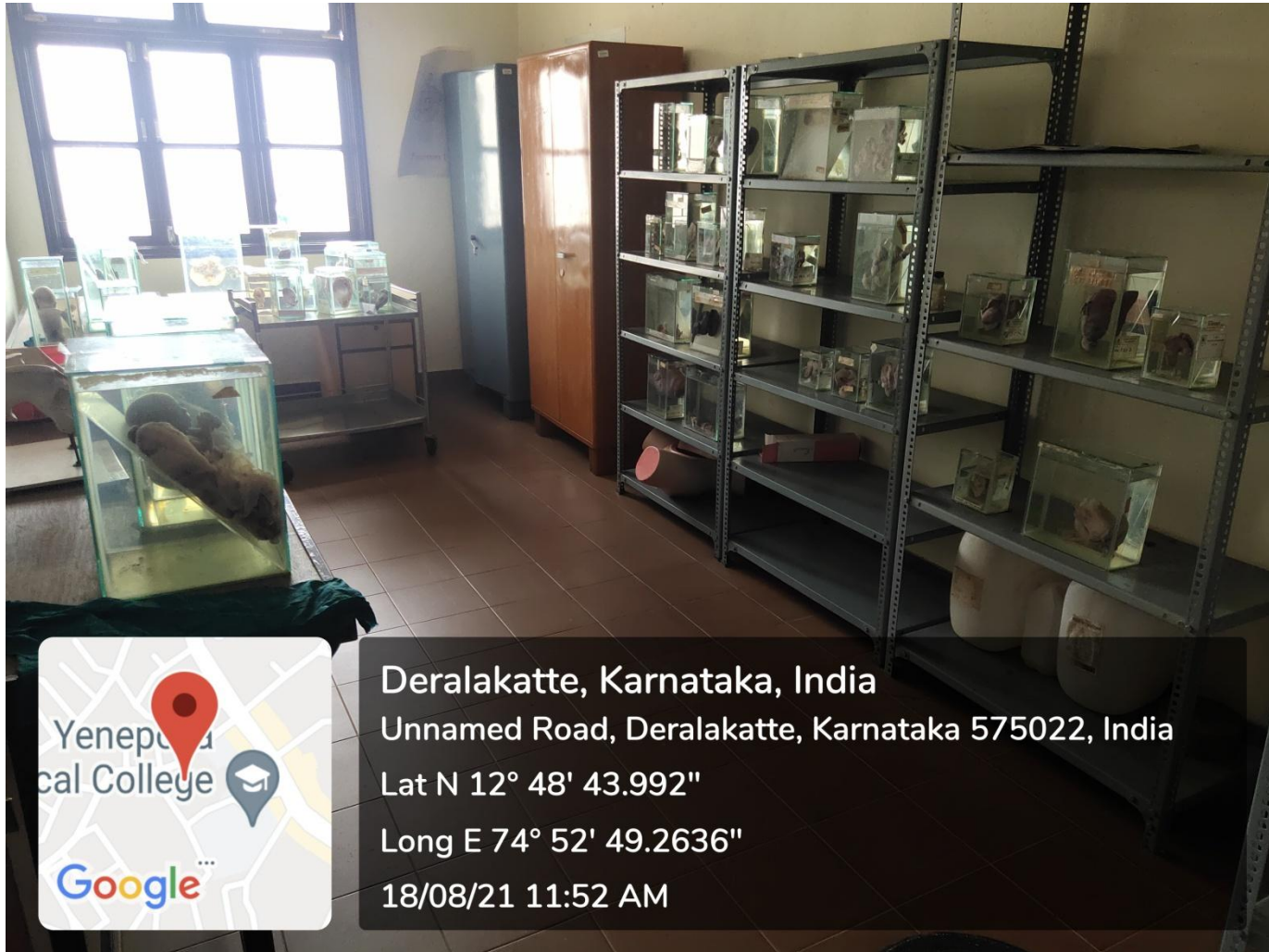


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575022, India
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Museum- OBG



Museum- Orthopedics



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Museum- Paediatrics



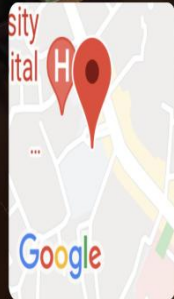
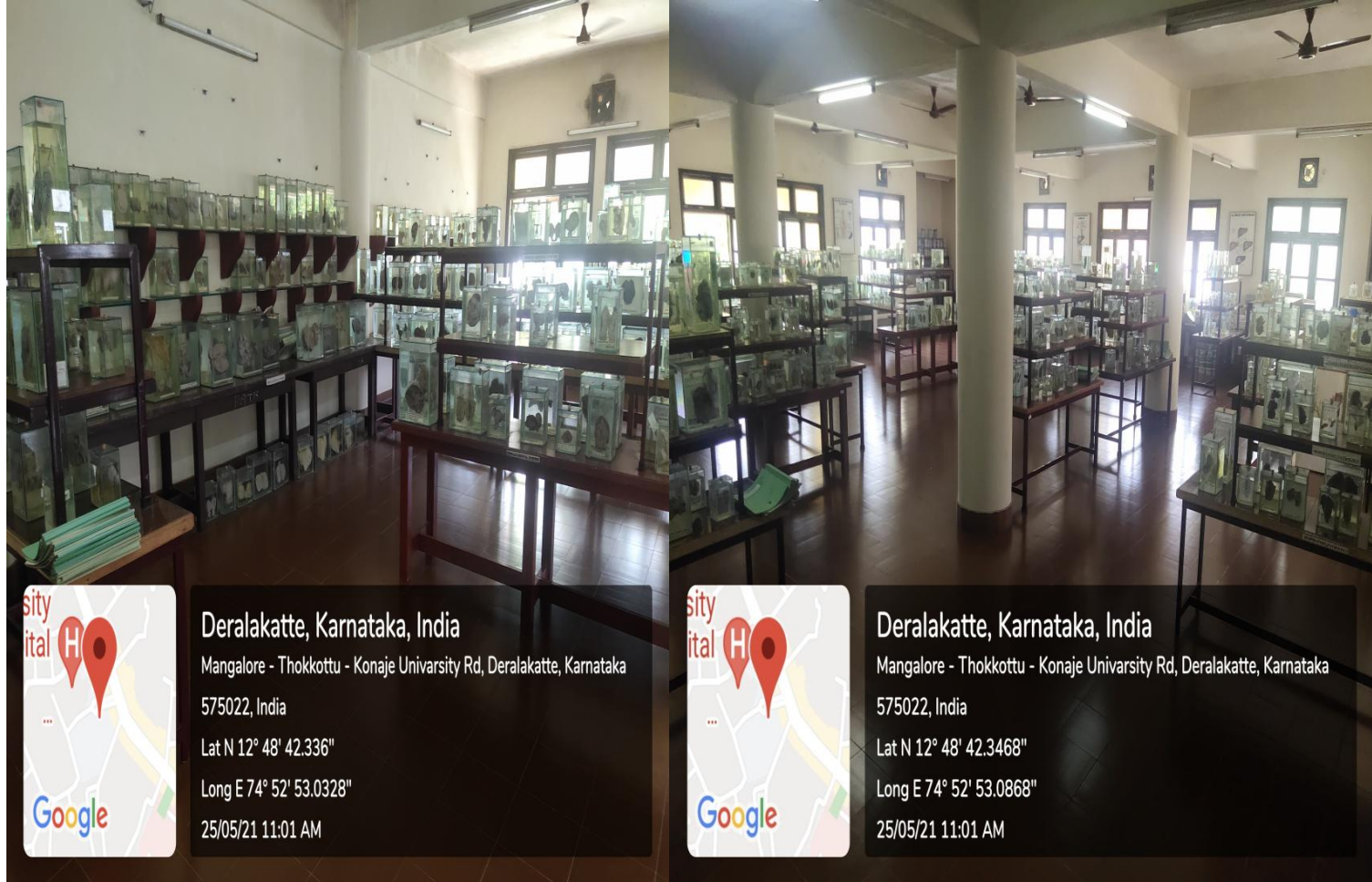
iversity
ospital



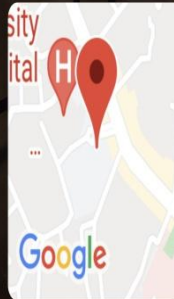
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Deralakatte, Karnataka, India
 Unnamed Road, Deralakatte, Karnataka 575022, India
 Lat N 12° 48' 43.7544"
 Long E 74° 52' 49.53"
 25/05/21 02:47 PM

Museum- Pathology



Deralakatte, Karnataka, India
Mangalore - Thokkottu - Konaje University Rd, Deralakatte, Karnataka
575022, India
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Deralakatte, Karnataka, India
Mangalore - Thokkottu - Konaje University Rd, Deralakatte, Karnataka
575022, India
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Museum- Pharmacology



University Hospital

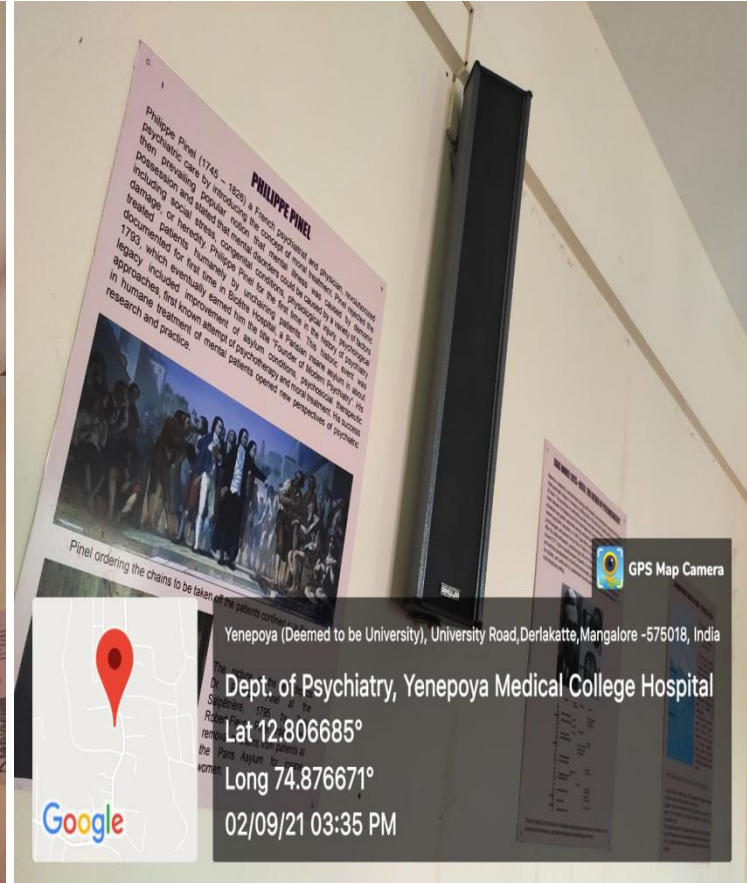
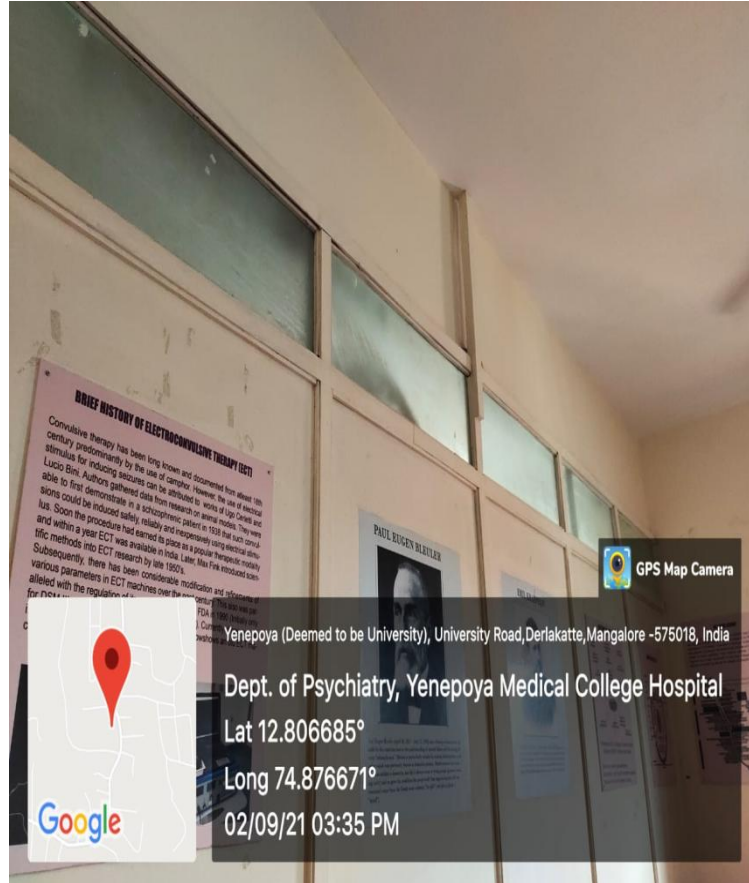


Deralakatte, Karnataka, India
 Unnamed Road, Deralakatte, Karnataka 575022, India
 Lat N 12° 48' 43.7544"
 Long E 74° 52' 49.53"
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Museum- Physiology



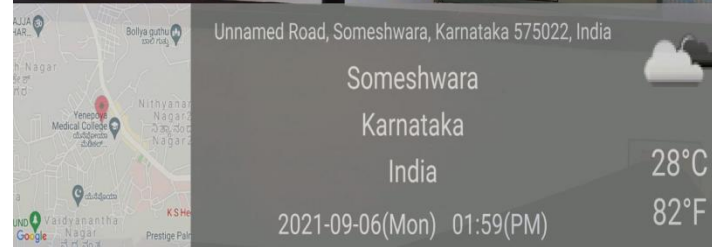
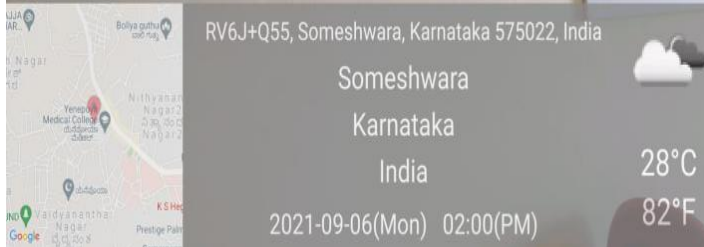
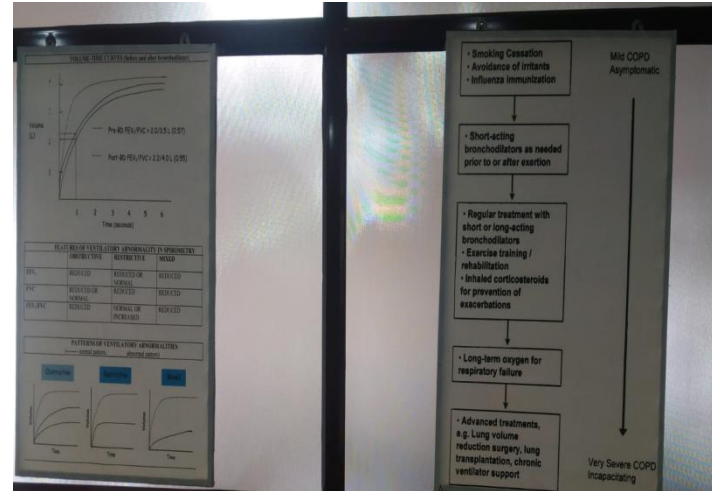
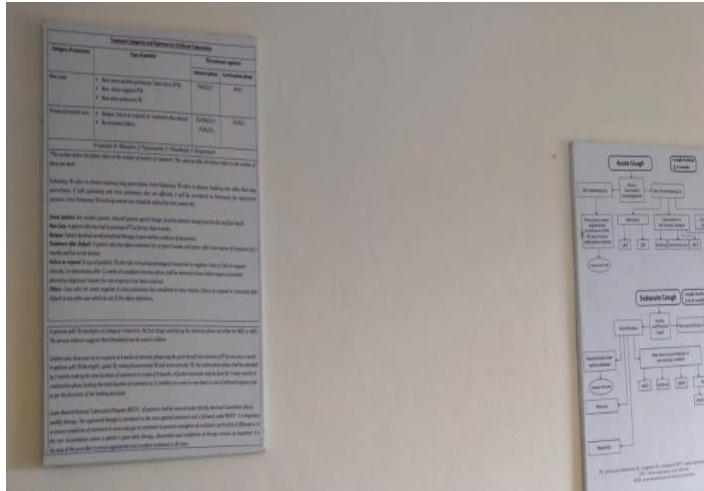
Museum- Psychiatry





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Museum- Respiratory Medicine



Animal House, Medicinal Garden, Museum Facility Geo-tagged Photos/3.1.5/YDU



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Museum- Radiodiagnosis



Someshwara, Karnataka, India
RV6J+Q55, Someshwara, Karnataka 575022, India
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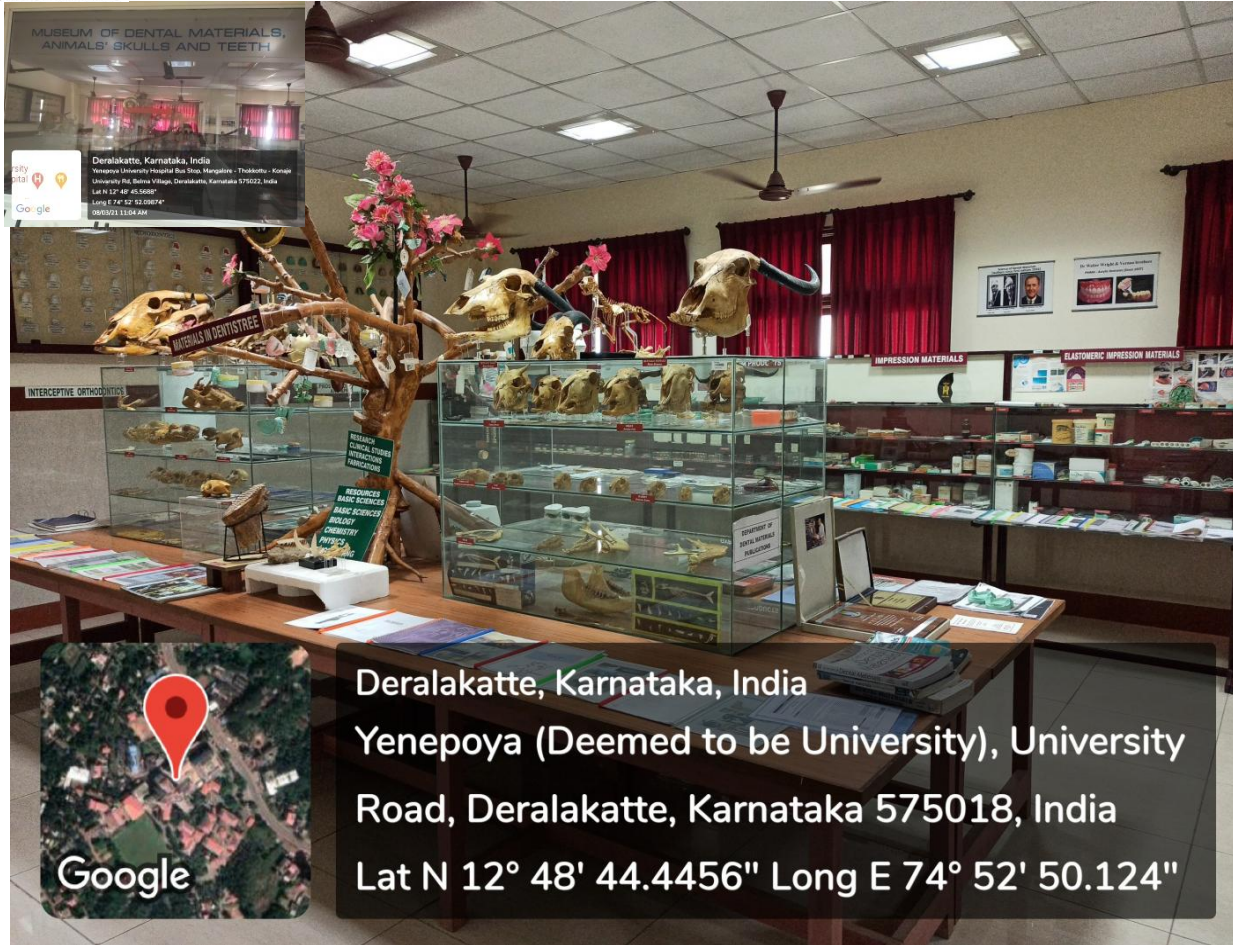
Museum- Urology





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Museum- Dental Material, Animal Skulls and Teeth



The Dental Material Museum is a unique collection of dento-facial skeleton of different animals, dental material and equipments that are used over time



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Anatomy Museum- Yenepoya Ayurveda College



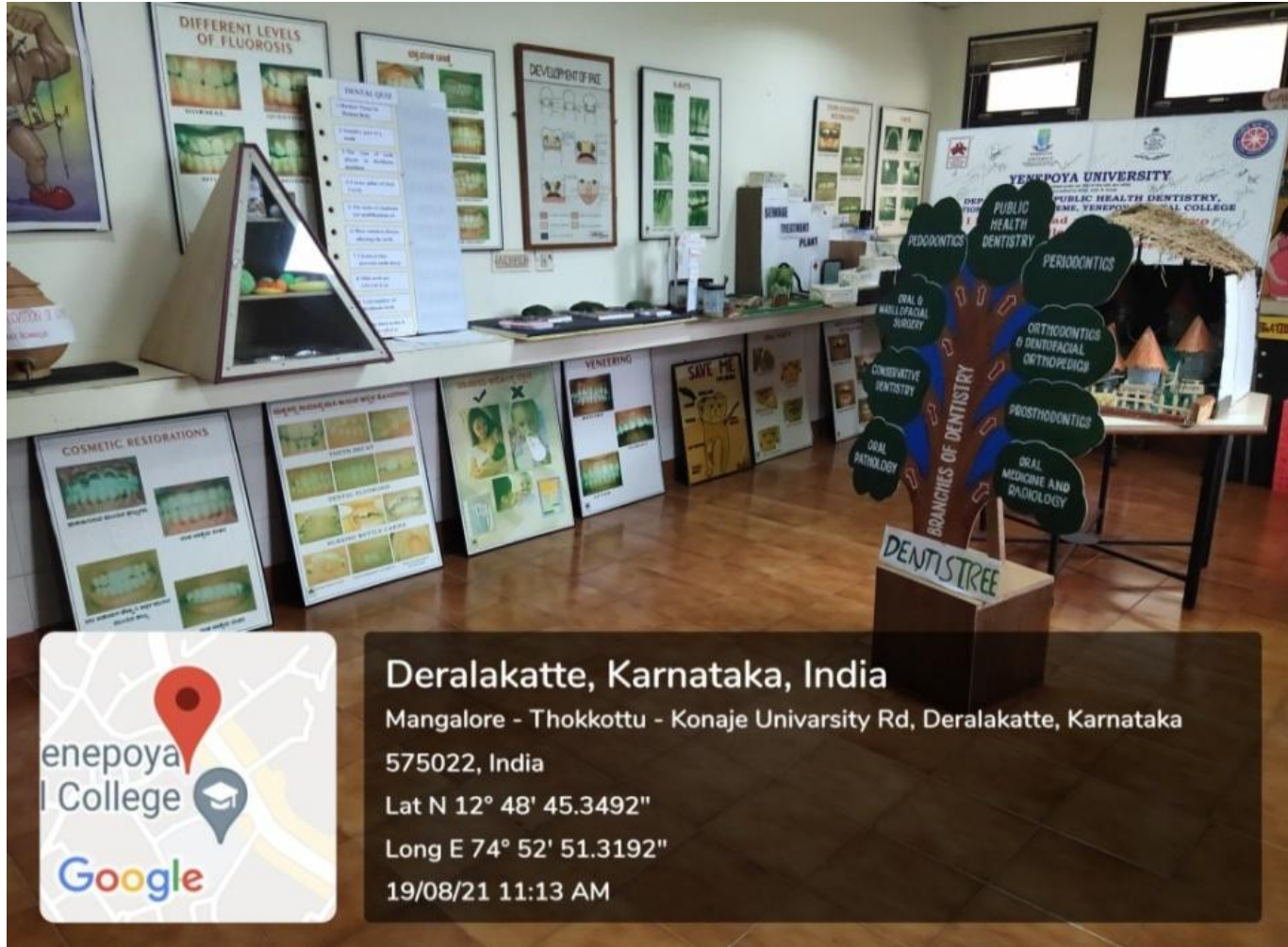
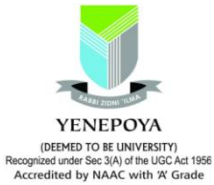
Deralakatte, Karnataka, India
RV6H+JQX, Deralakatte, Karnataka 575022, India
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Long 74.879813°
19/11/21 12:00 PM



Ullal, Karnataka, India
Unnamed Road, Karnataka 574199, India
Lat N 12° 46' 39.2196"
Long E 74° 54' 14.6304"
08/03/21 01:08 PM

Ullal, Karnataka, India
Unnamed Road, Karnataka 574199, India
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Museum- Public Health Dentistry



Deralakatte, Karnataka, India

Mangalore - Thokkottu - Konaje University Rd, Deralakatte, Karnataka

575022, India

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19/08/21 11:13 AM

Museum- Periodontology



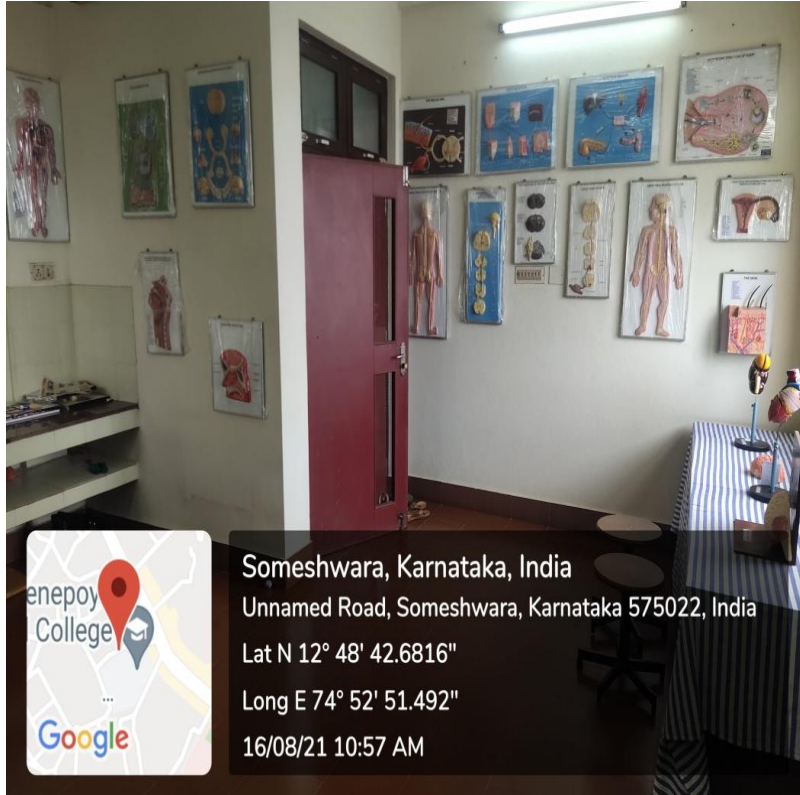
Museum- Oral Pathology



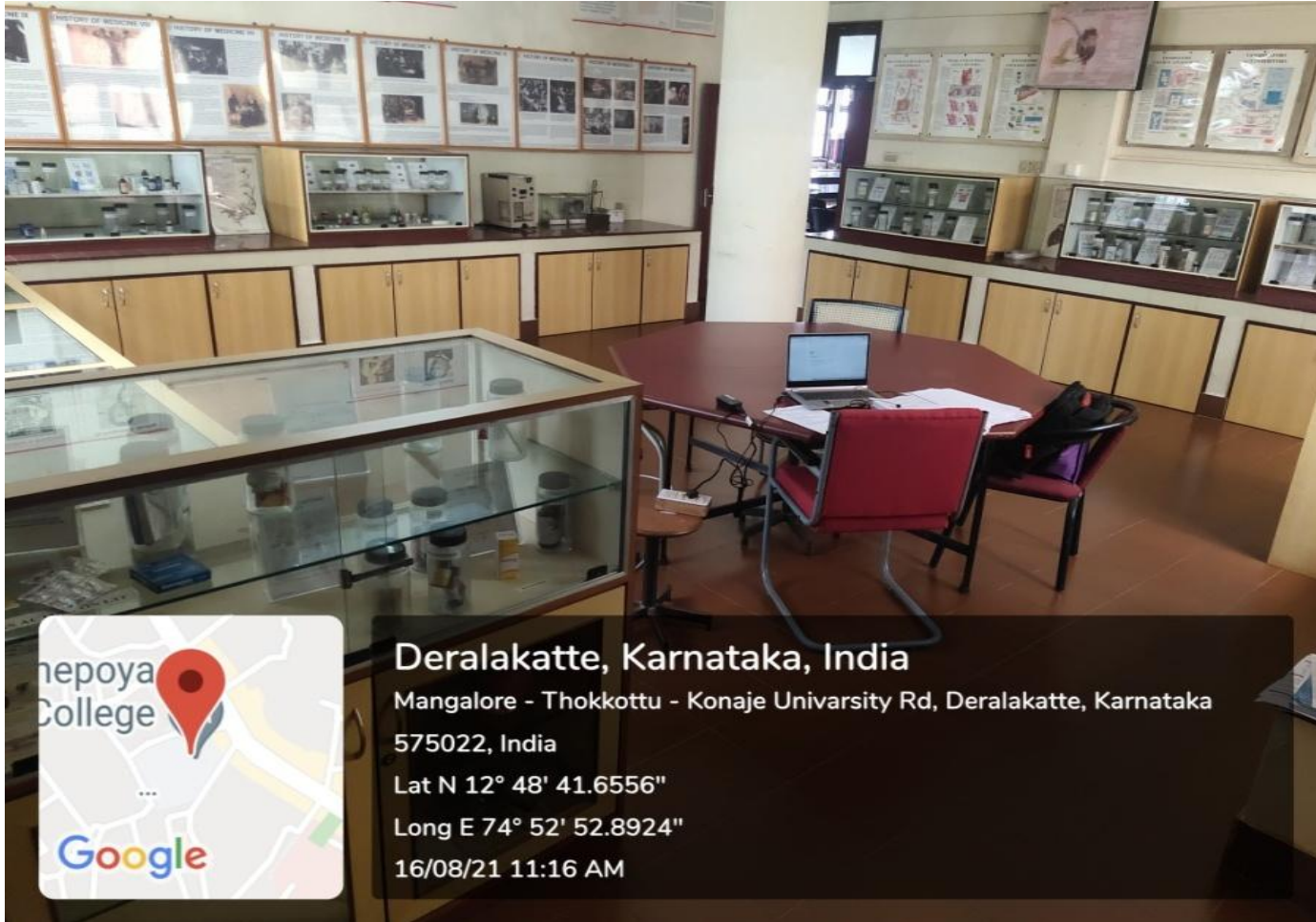
Museum- Dental Materials



Museum- Physiology



Museum- Pharmacology



Museum- OBG



Museum- Ophthalmology



Museum- Department of Samhita and Siddhantha



Museum- Department of Kriya Shareera



Museum- Department of Rasashastra Evam Bhaishajya Kalpana



Dakshina Kannada, Karnataka, India
Unnamed Road, Karnataka 574199, India
Lat N 12° 46' 38.8812"
Long E 74° 54' 14.9472"
27/08/21 02:06 PM

Museum- Department of Rachana Shareera



Museum- Department of Agada Tantra evam Vidhi Vaidyak



Museum- Department of Roganidan evam Vikriti Vigyan



Museum- Department of Prasuti evam Stree roga



Dakshina Kannada, Karnataka, India

Unnamed Road, Karnataka 575023, India

Lat N 12° 46' 38.802"

Long E 74° 54' 15.3"

27/08/21 03:10 PM

Museum- Department of Kaumarabhrithya



Museum- Department of Dravyaguna



Museum- Department of Swastha Vritta and Yoga



Museum- Department of Physiology and Biochemistry



Museum- Department of Homoeopathic Pharmacy



Dakshina Kannada, Karnataka, India
Unnamed Road, Karnataka 575023, India
Lat N 12° 46' 39.7272"
Long E 74° 54' 16.8552"
27/08/21 12:19 PM

Museum- Department of Obstetrics and Gynaecology



Museum- Department of Homoeopathic Pharmacy



Museum- Department of Organon of Medicine



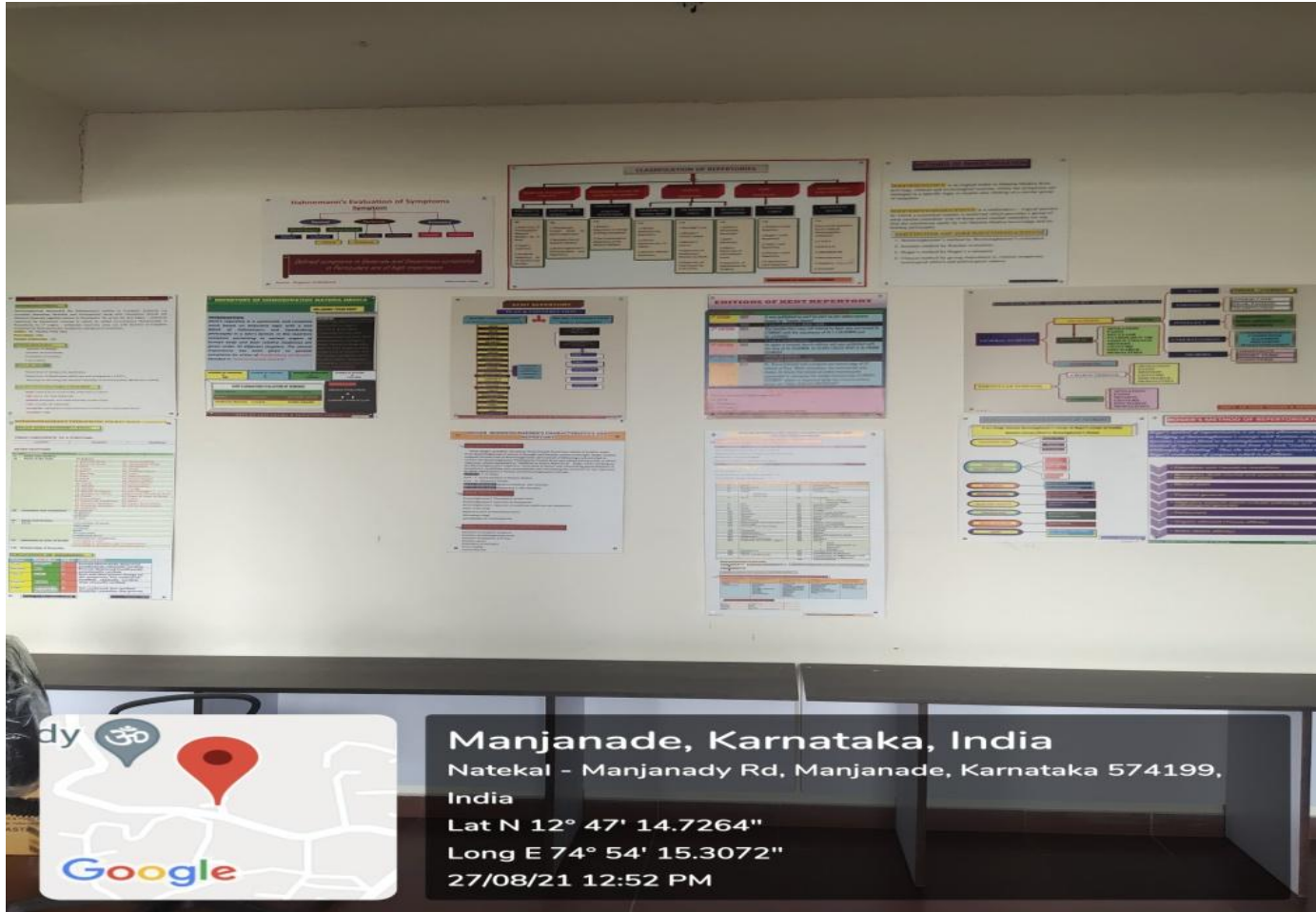
Museum- Department of Materia Medica



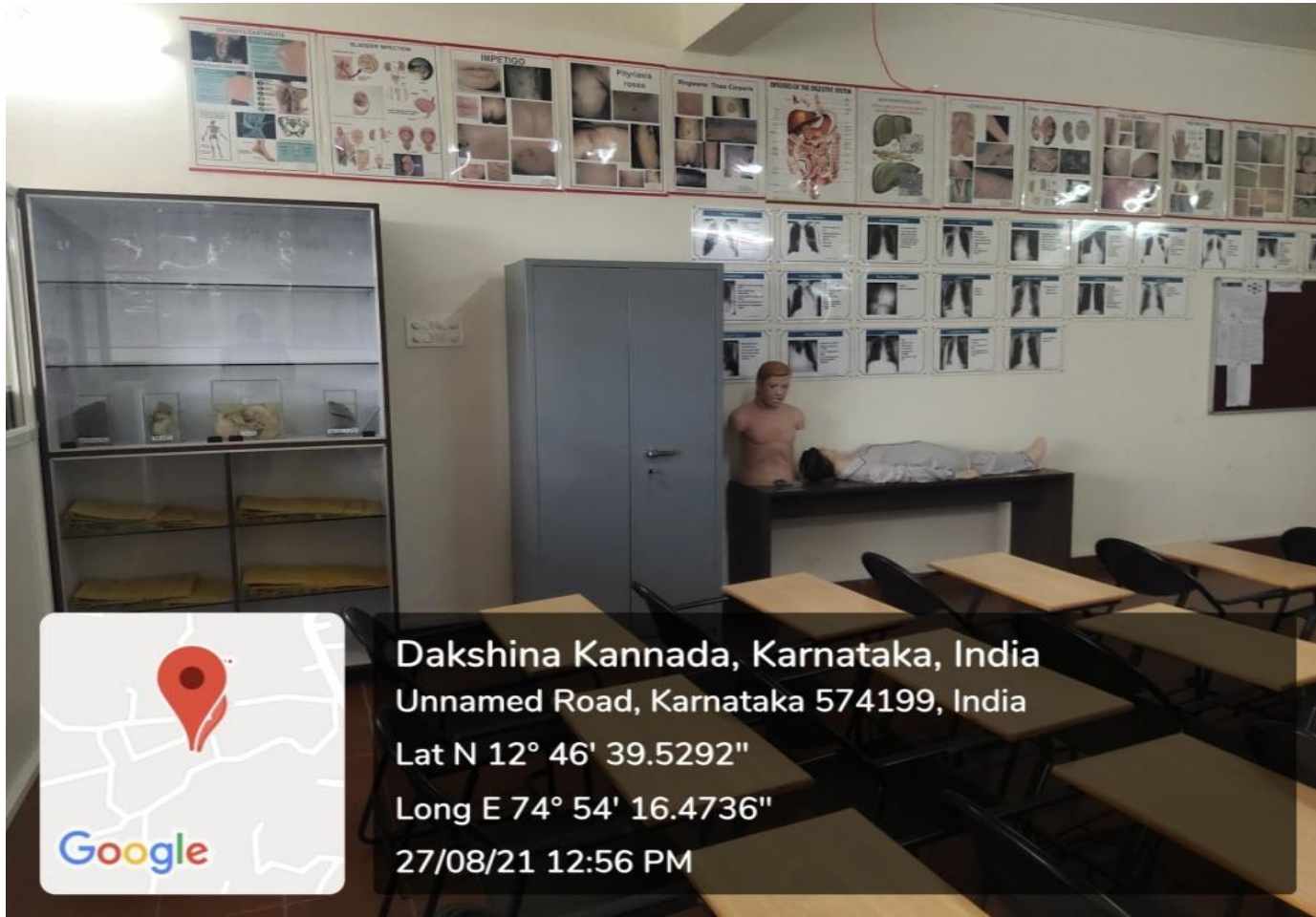
Museum- Department of Surgery



Museum- Department of Repertory



Museum- Department of Practice of Medicine





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3.1.5. University Facilities

Geo-tagged Photographs: Media Laboratory, Business Lab, E-Resource Studio



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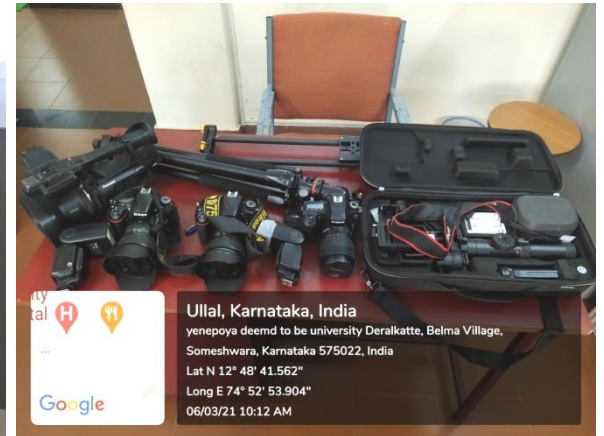
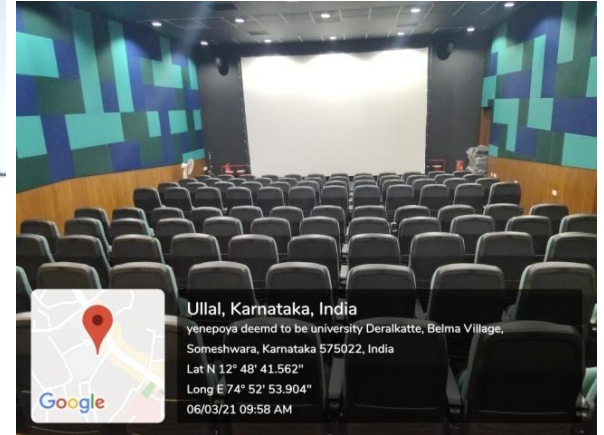
Contents

Page 1: Media Laboratory – Yen Media Lab

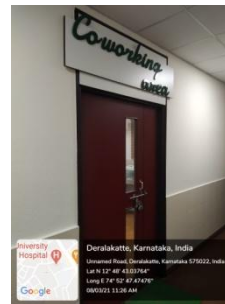
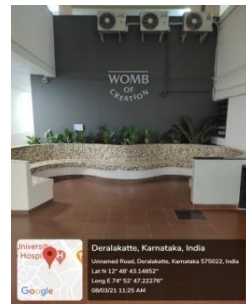
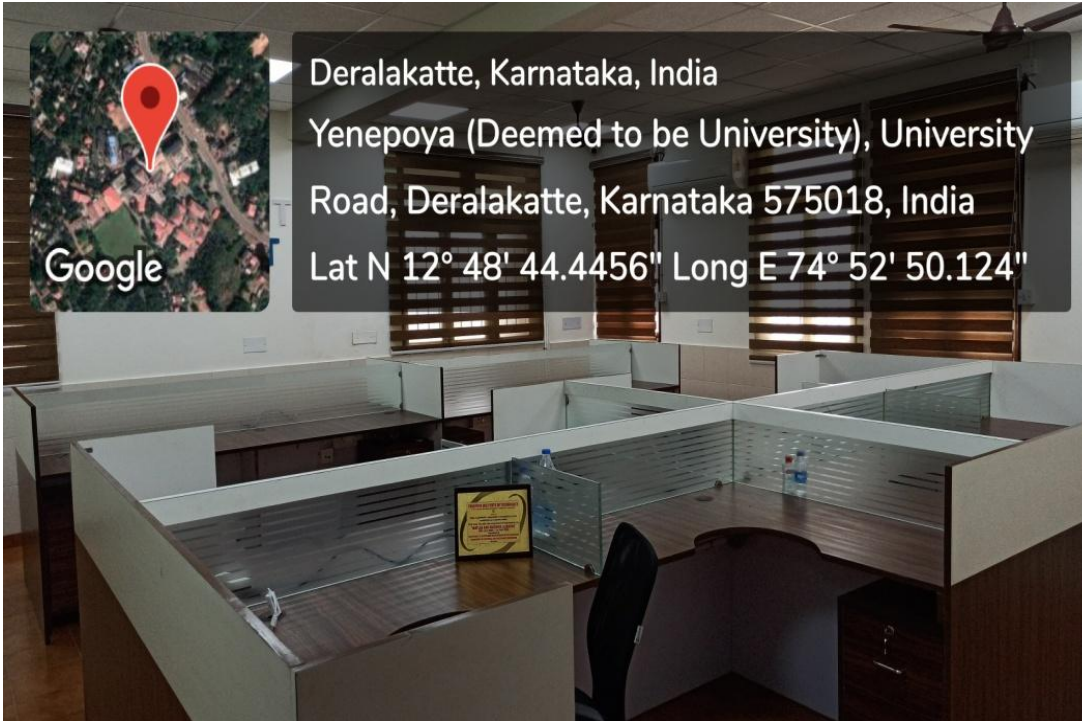
Page 2: Business Lab

Page 3: E-Resource Studios

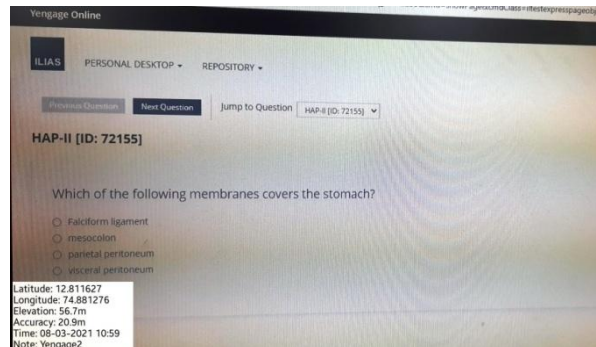
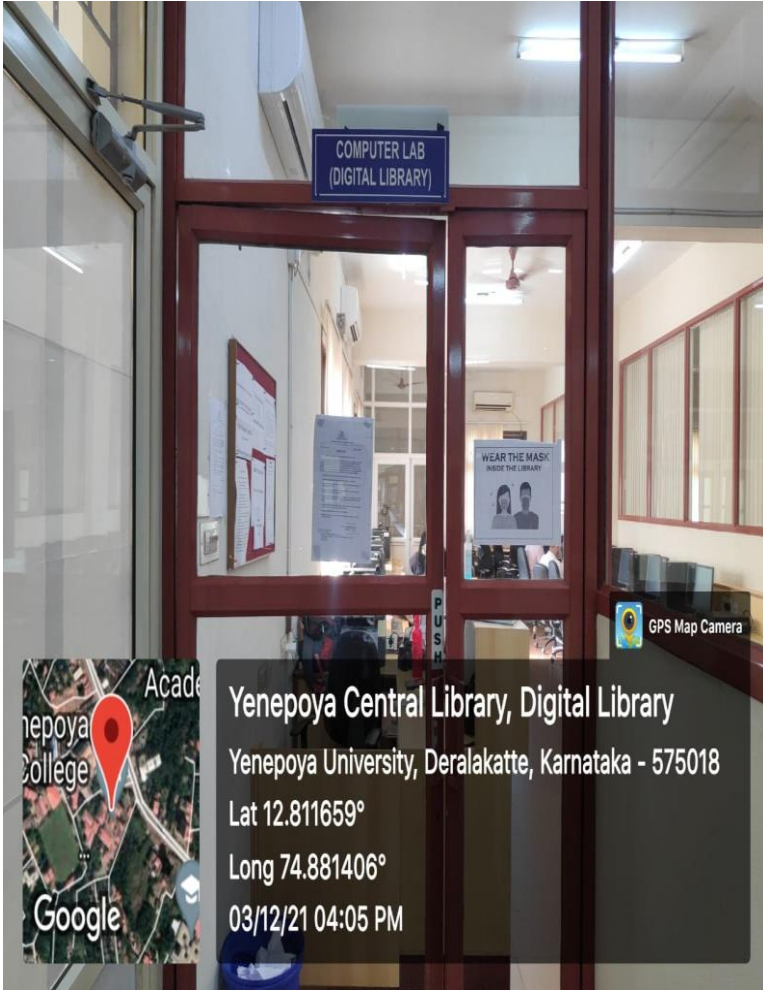
Media Laboratory: YenMedia



Business Lab



E-Resource: Computer Lab/Digital Library





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3.1.5. University Facilities

Geo-tagged Photographs: Research/Statistical Databases & Health Informatics



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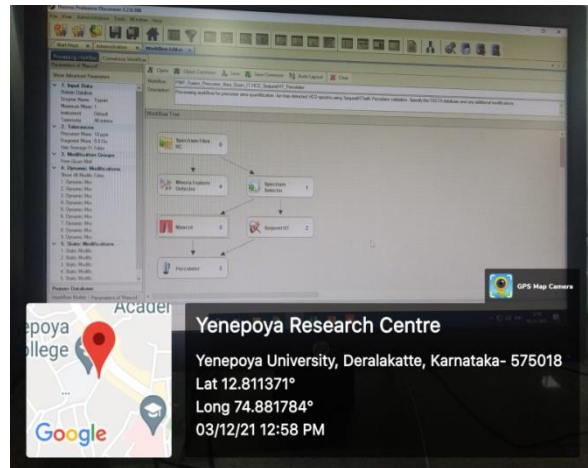
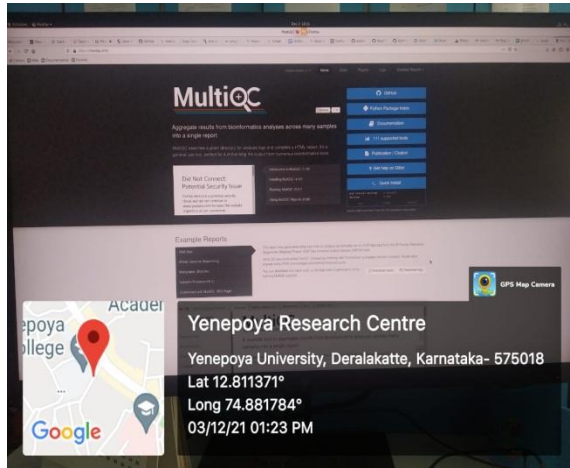
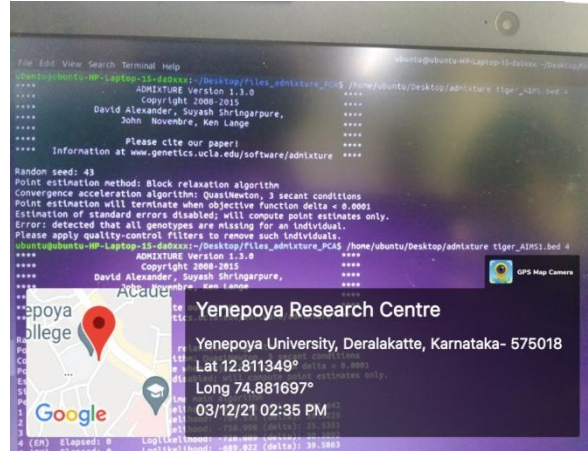
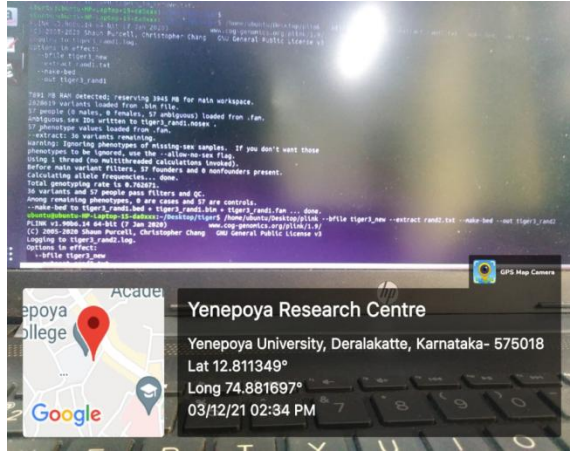
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Contents

Page 1-3:	Statistics and Bioinformatics Facility
Page 4:	Medical Records
Page 5:	Use of Mobile Apps for field data collection

Important Software and Databases in Research/Statistical

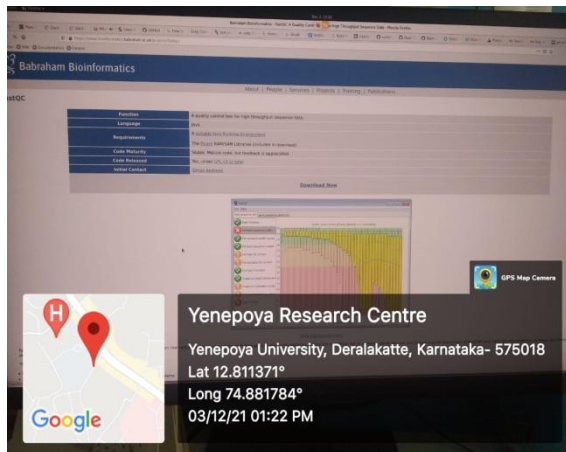
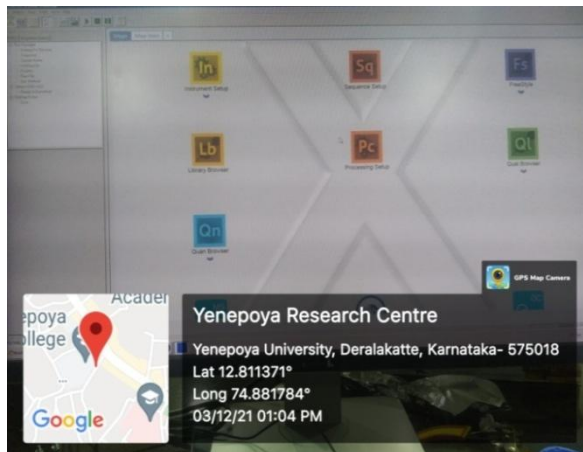
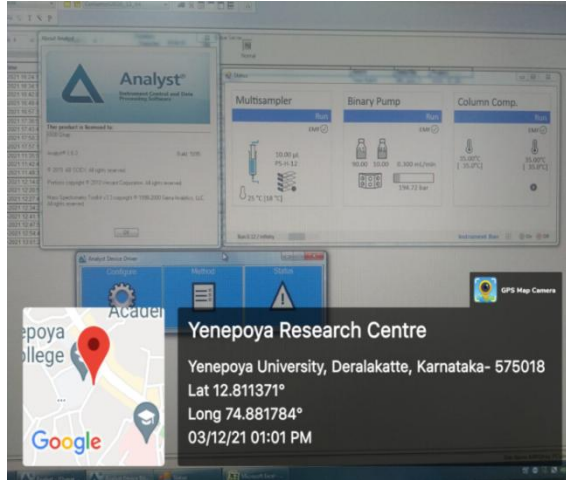
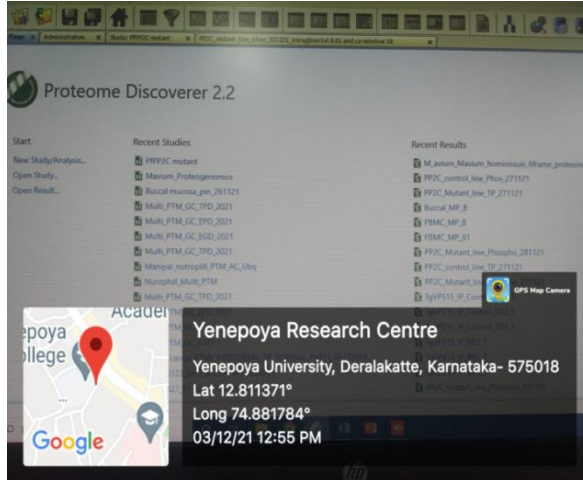


Softwares and databases includes, Plink, Admixture, MultiQC, and Moscot



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Important Software and Databases in Research/Statistical

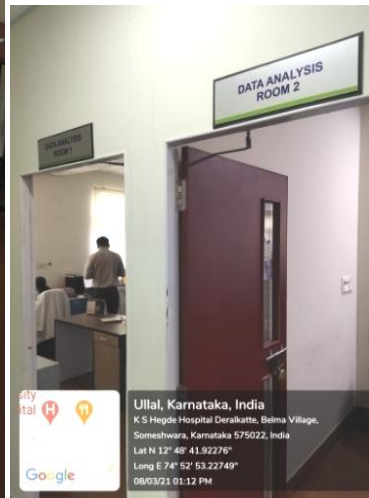
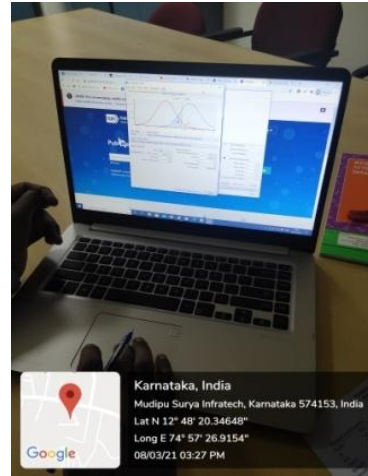
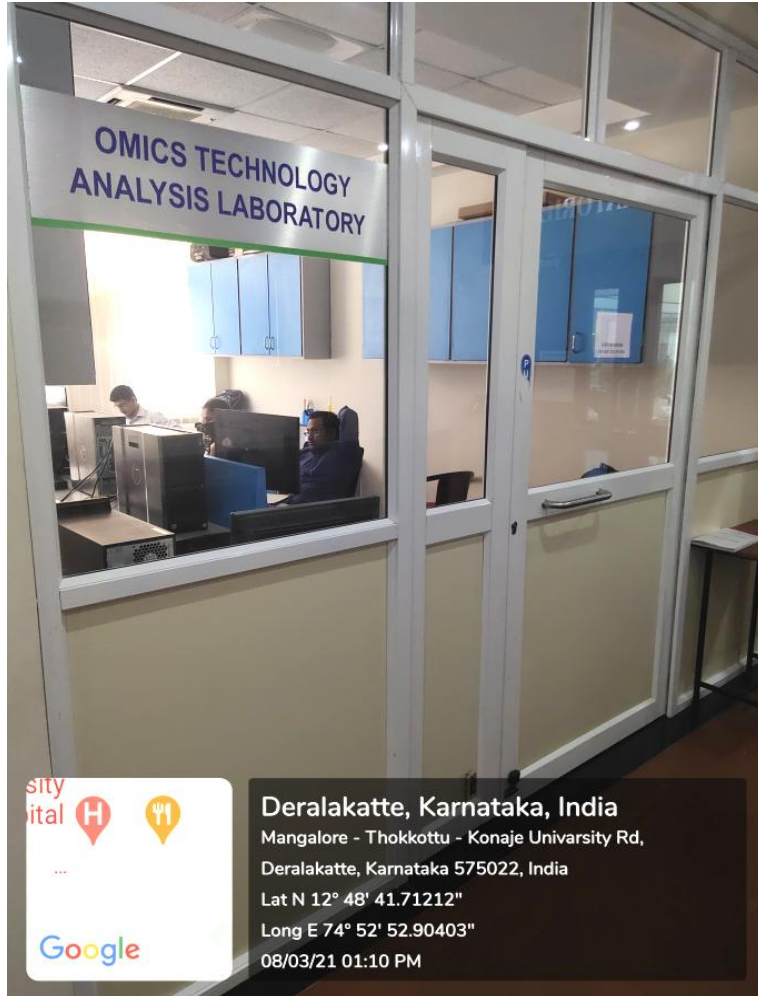


Softwares and databases include Proteome Discoverer, Analyst, Xcalibur, and Babraham bioinformatics



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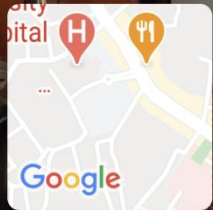
Statistics and Bioinformatics Facilities and Databases



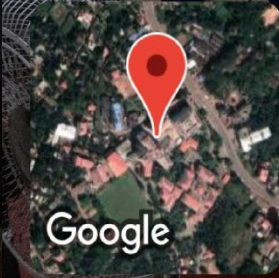


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Medical Records and Health Informatics



Deralakatte, Karnataka, India
 Mangalore - Thokkottu - Konaje University Rd,
 Deralakatte, Karnataka 575022, India
 Lat N 12° 48' 40.99716"
 Long E 74° 52' 52.66092"
 08/03/21 11:20 AM



Deralakatte, Karnataka, India
 Yenepoya (Deemed to be University), University
 Road, Deralakatte, Karnataka 575018, India
 Lat N 12° 48' 44.4456" Long E 74° 52' 50.124"

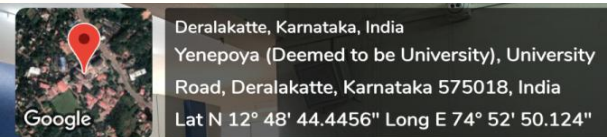
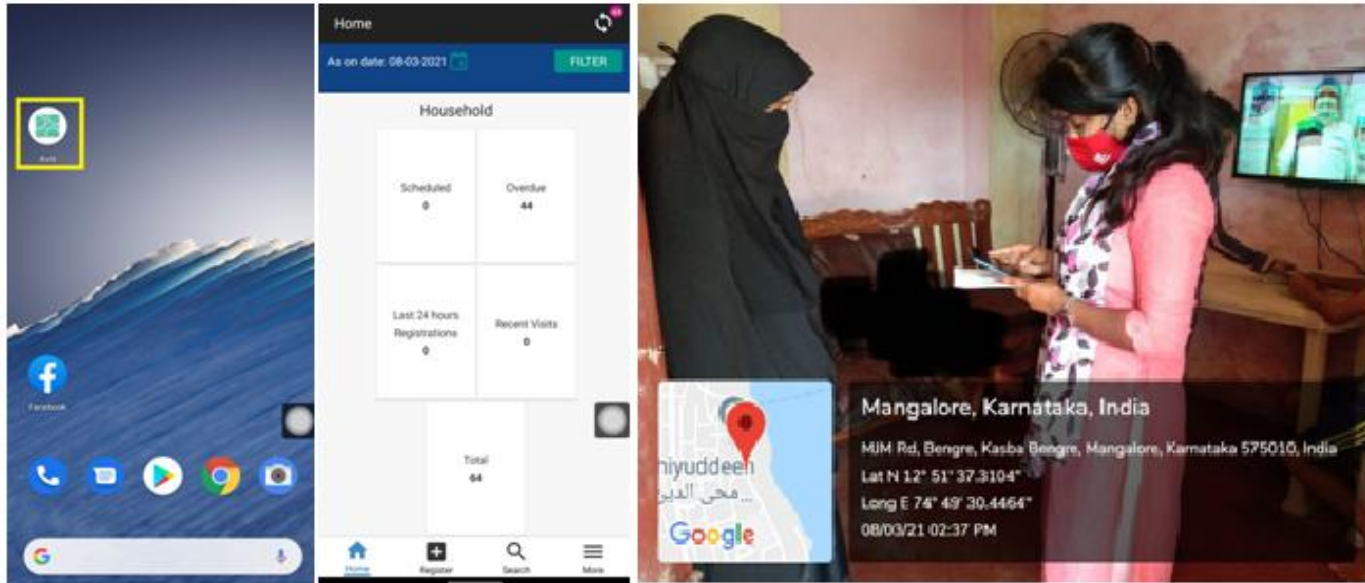


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Health Informatics: Mobile Apps for field data collection



Digitalization and use of Mobile Apps have been extensively incorporated for medical data recording as well field data collection.



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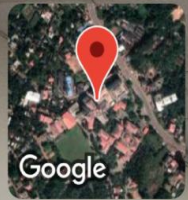
3.1.5. University Facilities

Geo-tagged Photographs: Clinical Trail Unit

Clinical Trial Unit



The Clinical trail Centre is equipped with facilities including document storage and archiving



Deralakatte, Karnataka, India
Yenepoya (Deemed to be University), University
Road, Deralakatte, Karnataka 575018, India
Lat N 12° 48' 44.4456" Long E 74° 52' 50.124"



Deralakatte, Karnataka, India
Yenepoya (Deemed to be University), University
Road, Deralakatte, Karnataka 575018, India
Lat N 12° 48' 44.4456" Long E 74° 52' 50.124"