

3.1.5: Institution has the following facilities to support research

Additional information

MU MOOC STUDIO FACILITY

Whereas, with a view to providing access to the best quality learning resources across the University, the project 'MU MOOC STUDIO' has been started. Which provides an integrated platform and portal for online courses, using information and communication technology (ICT) and covering all Courses and skill sector courses to ensure that every student benefits from learning material through ICT is a:

1. One-stop web and mobile based interactive e-content for all courses at University level.
2. High quality learning experience using multimedia on anytime, anywhere basis.
3. State of the art system that allows easy access, monitoring.
4. Hybrid model of delivery that adds to the quality of classroom teaching.

Whereas, It involves development of Massive Open Online Courses (MOOCs) compliant e-content (video and text) and building a robust IT platform. These guidelines pertain to the quality of the e-content produced for the Marwadi University.

Now, with a view for systematic development of the MOOCs for the Marwadi University, the initiative has been taken up and to set up MU MOOC STUDIO at the campus for record video tutorials and under the "Student Startup Innovation Policy" we have created the same. This is first phase of MU MOOC STUDIO and after review and suggestion we will start 2nd phase of development.

When the Marwadi University began running online Education for courses, the institution quickly realized that the real power of those courses was to introduce a world of prospective students to its campus programs — .The Digital Media team within the Marwadi University has played an important role in helping the college's production capabilities grow in quality and quantity.

"MU MOOC STUDIO" has been Inaugurated at 9:30 A.M on 22nd September, 2018 at MB 150, Marwadi University by Dr. Y. P. Kosta, Former Provost, Marwadi University recorded his first video lecture on "Antenna" topics.

"MU MOOC STUDIO" Available at MB 150, 1st Floor, A Wing, Marwadi University.

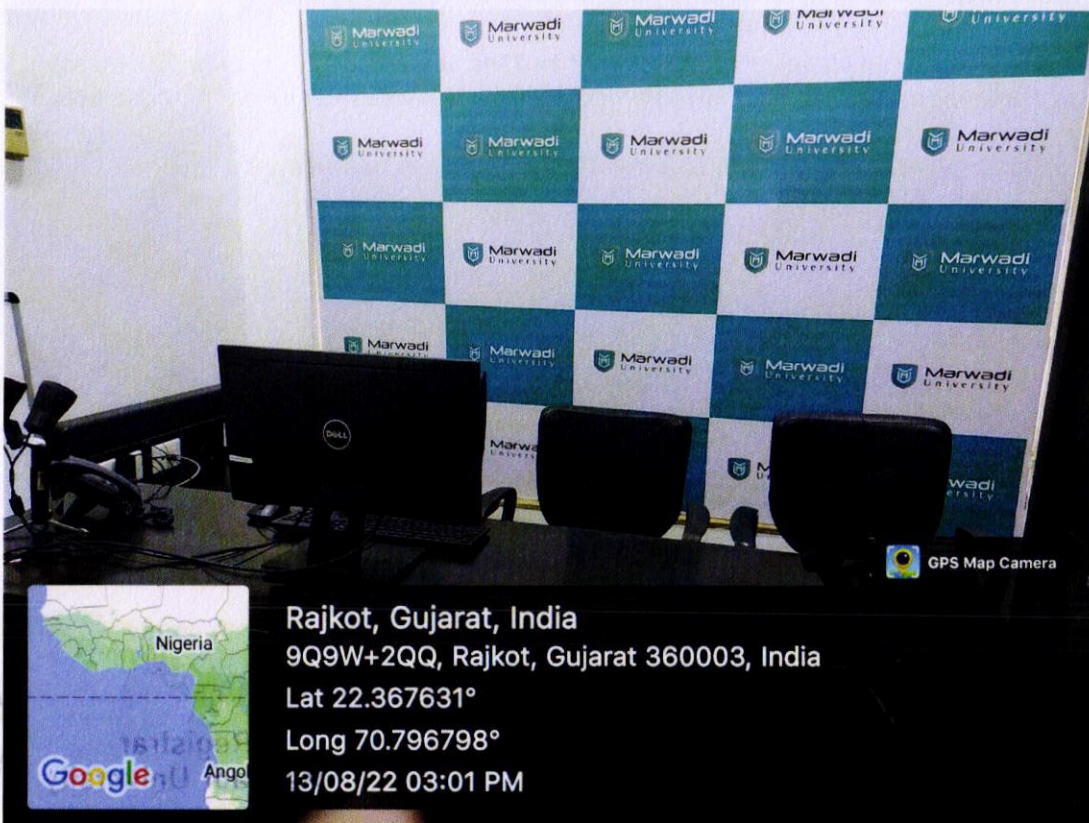
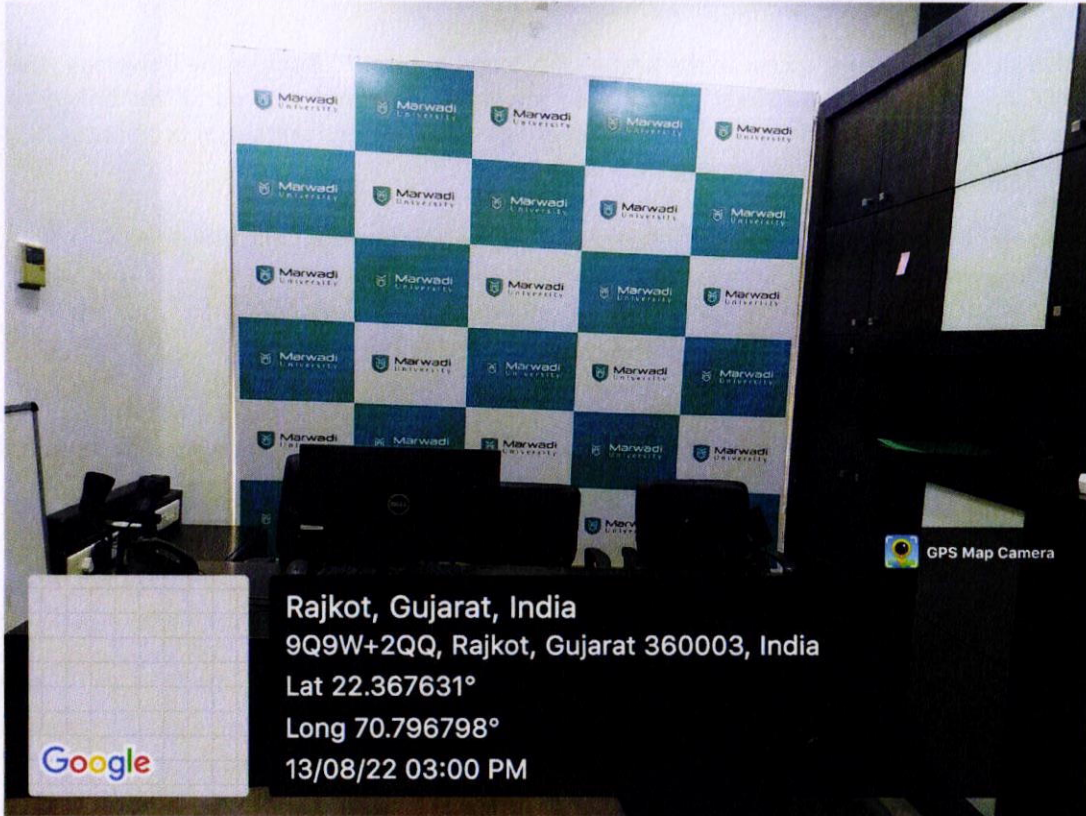
Main objective of "MU MOOC STUDIO" is to prepare:

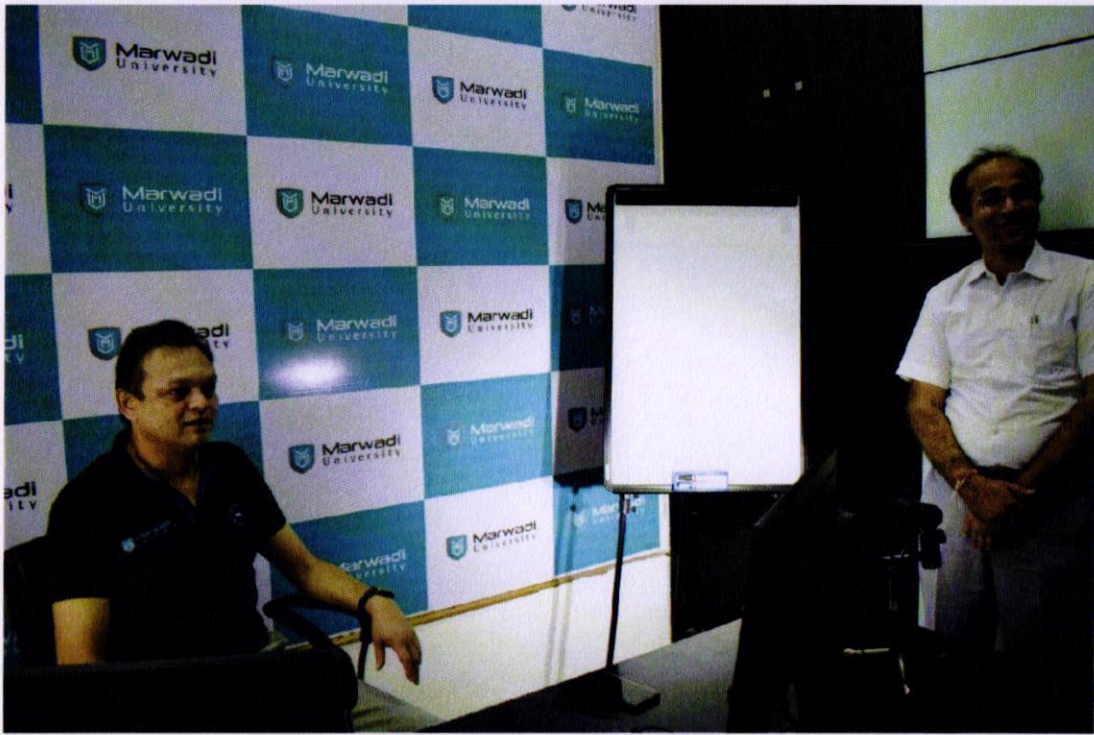
- Instructional videos
- Classroom videos
- Various stream online courses development
- Quiz/Tutorial/Assignment/Assessment
- Startup Product/Process/Service pitch
- Startup/Entrepreneurship course development
- Lecture recording
- Others


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Glimpse of MOOC STUDIO:





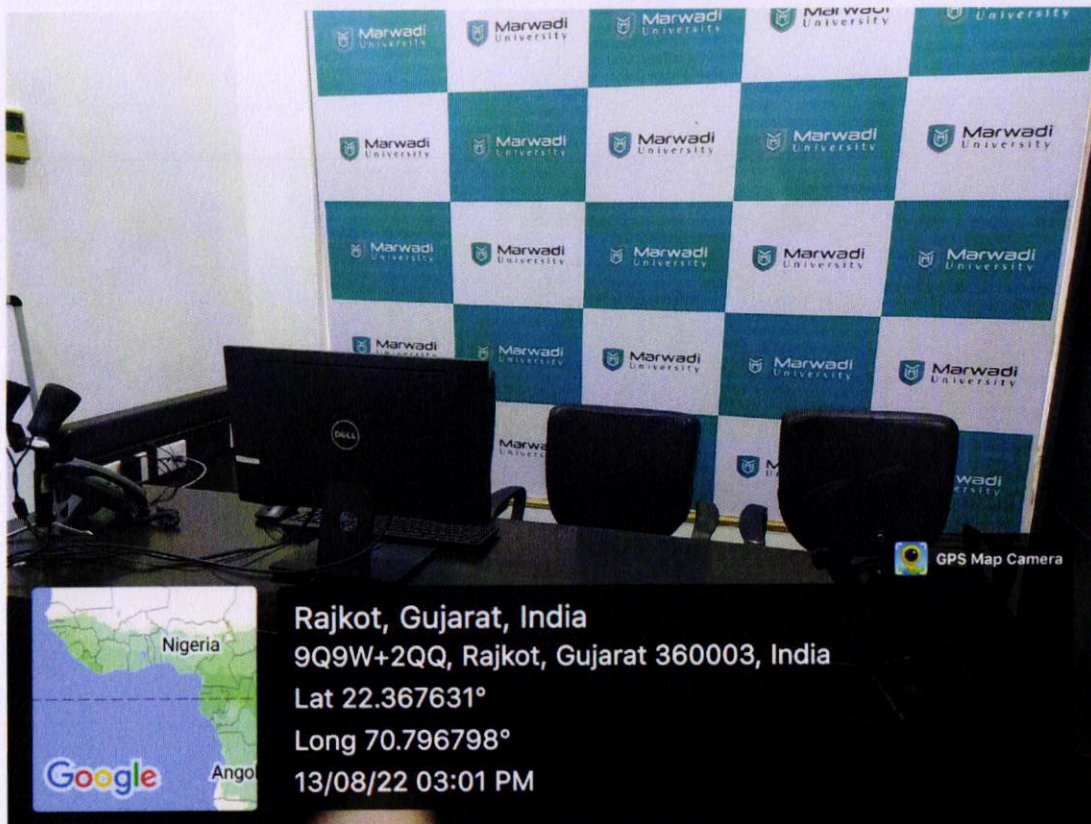
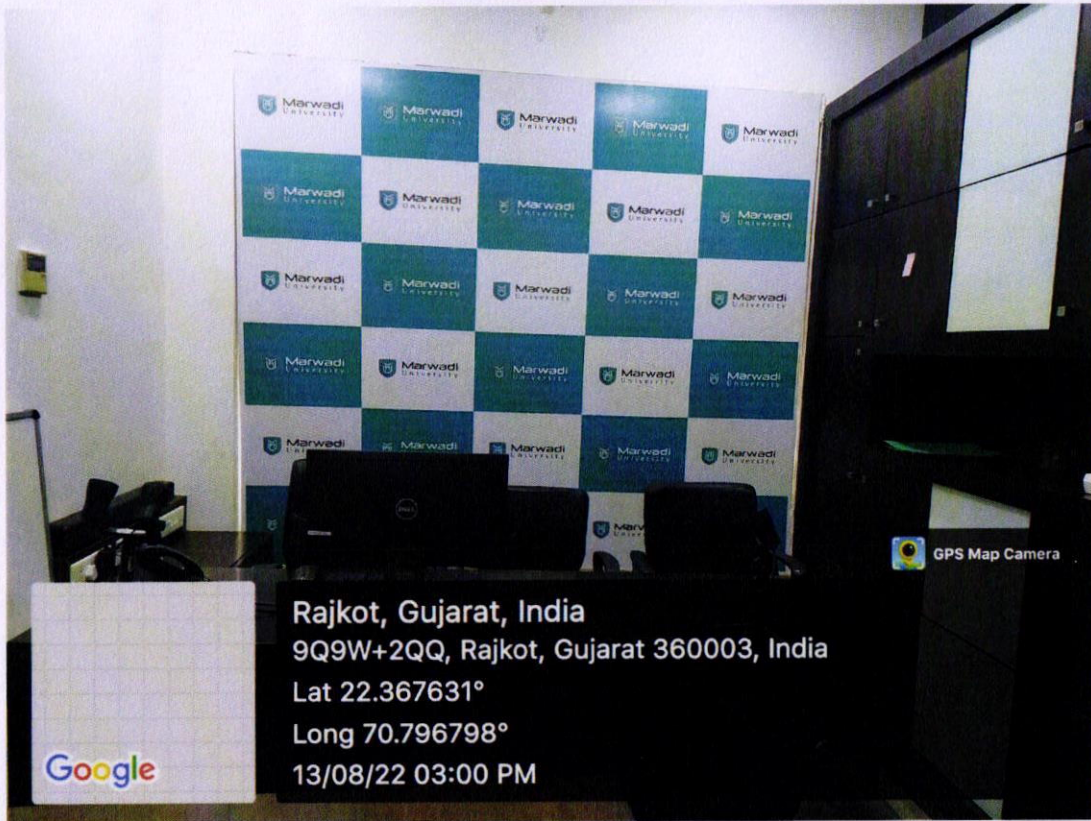
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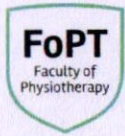
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MOOC Studio



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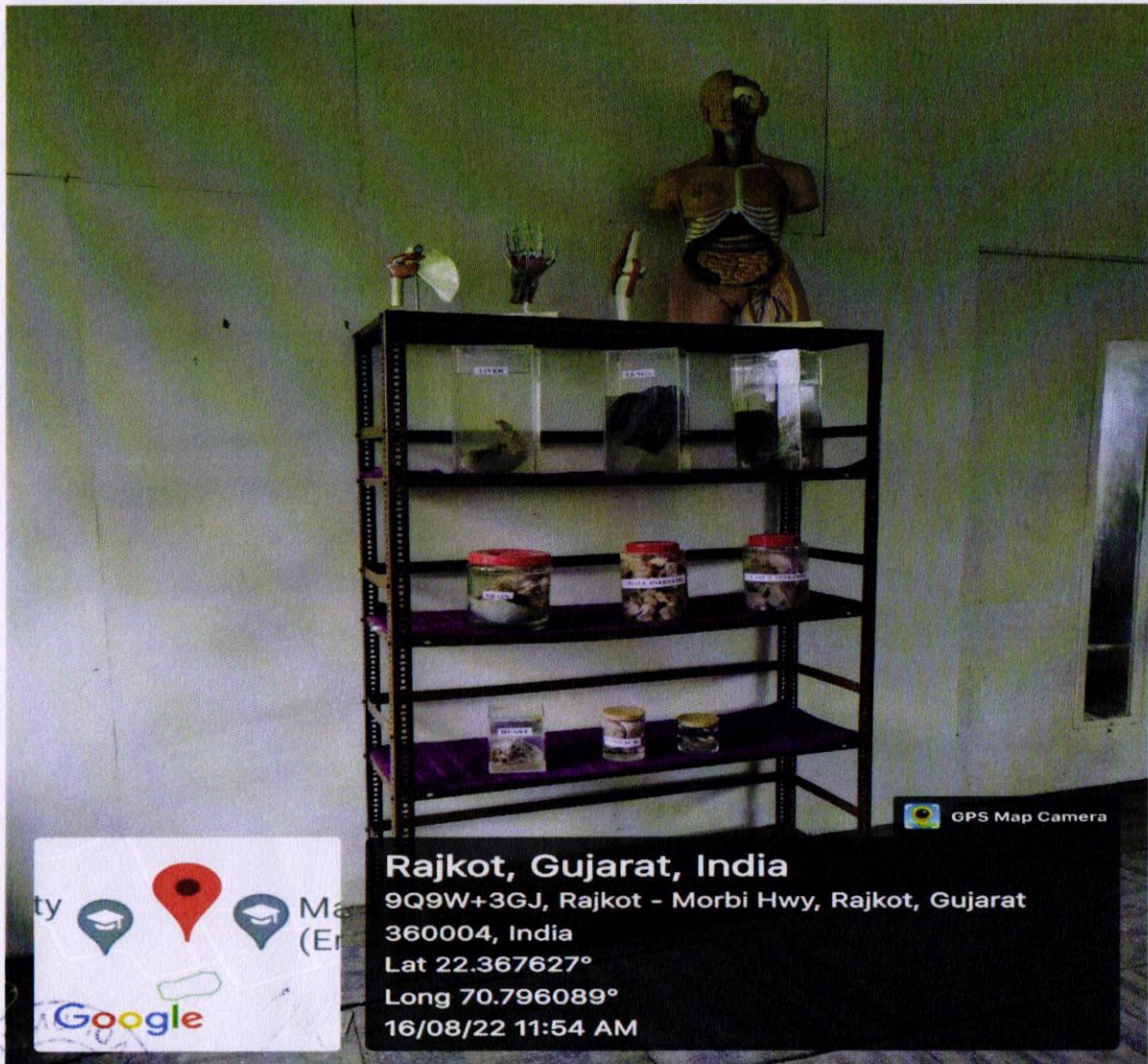




Faculty of Physiotherapy

Anatomy Museum

Faculty of Physiotherapy, Marwadi University has developed the anatomy museum at the anatomy laboratory (ERDG002), which consists of real human organs, functional anatomical models and artificial bone sets.



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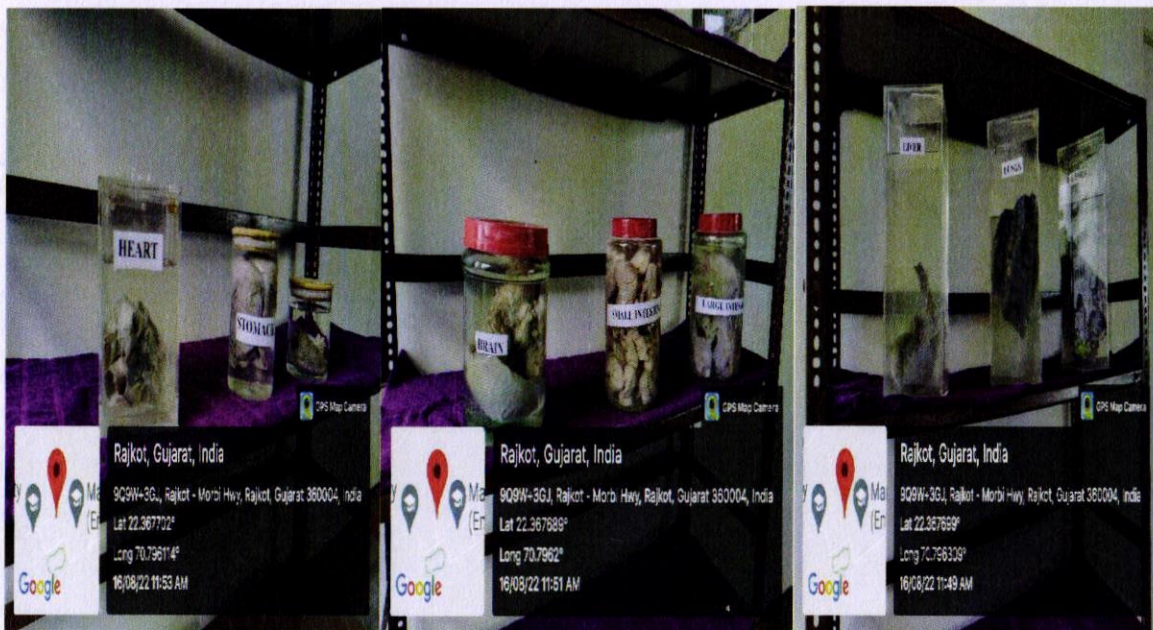
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Display of organs, models in Anatomy museum

List of real human organs are as follows:-

- 1) Liver
- 2) Lungs
- 3) Brain
- 4) Small intestine
- 5) Large intestine
- 6) Heart
- 7) Stomach
- 8) Kidney



Real human organs

List of functional models are as follows:-

- 1) Deluxe dual sex torso
- 2) Deluxe functional knee joint
- 3) Hand skeleton model
- 4) Deluxe functional shoulder joint

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Anatomy Museum also consists of 2 sets of artificial bone sets.

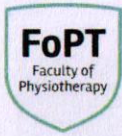


Artificial bone sets

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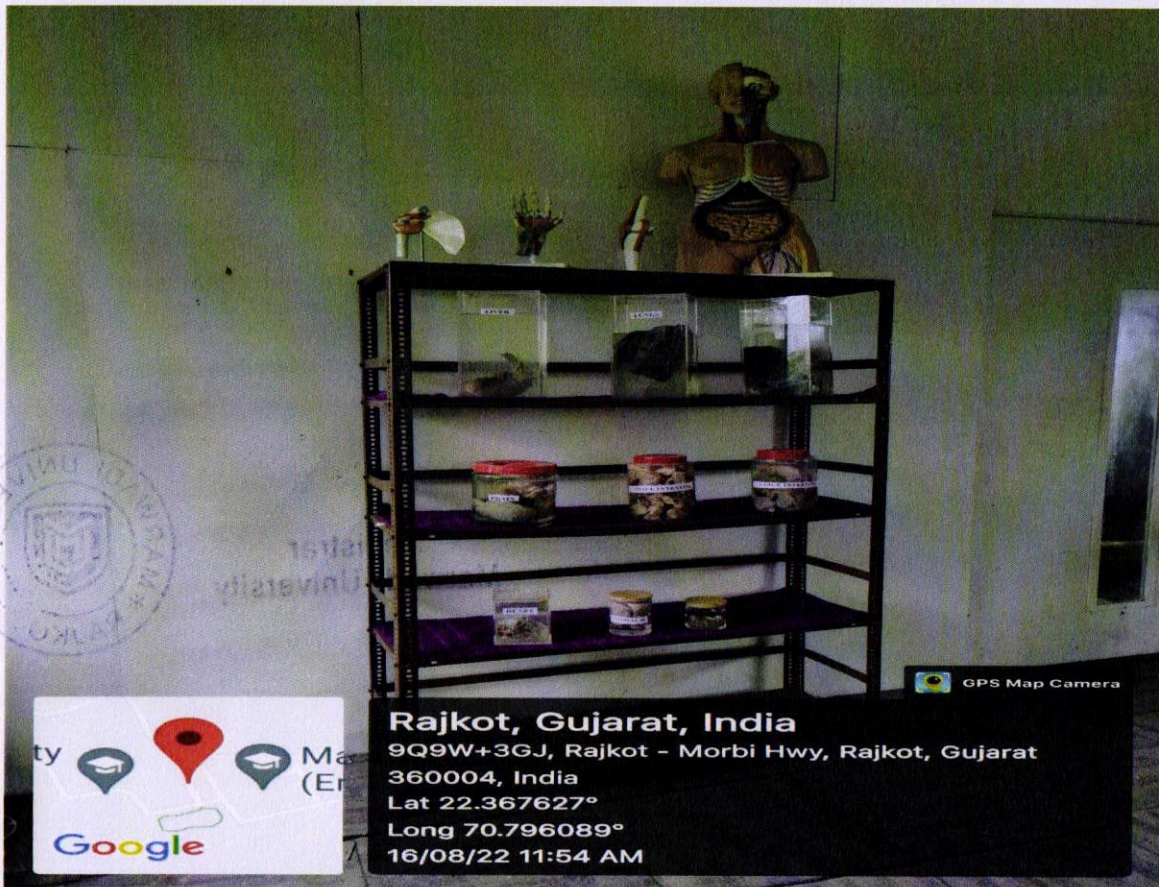
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Faculty of Physiotherapy

Anatomy Museum



Display of organs, models in Anatomy museum

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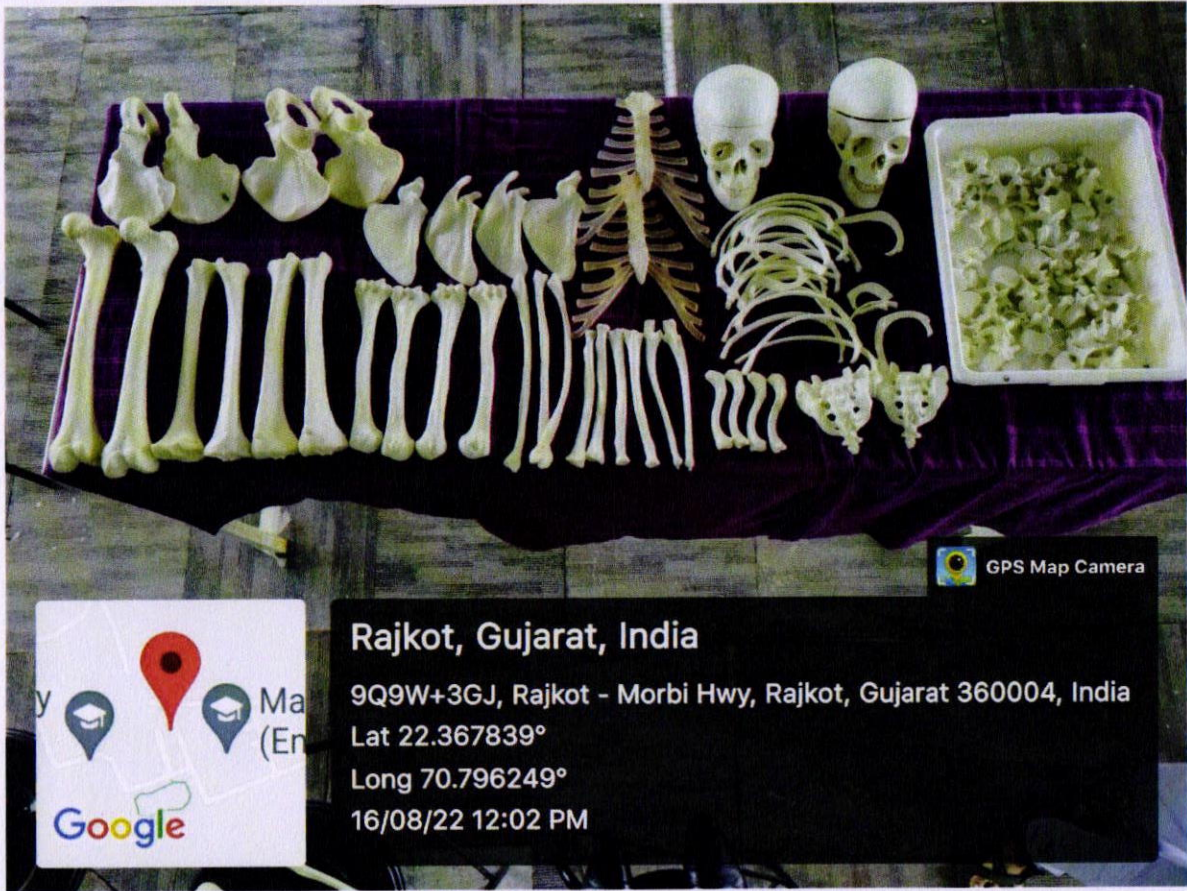


Real human organs

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Artificial bone sets

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Central Instrumentation Facility Report

The central instrumentation facility is established at Marwadi University to improve, synchronize and smooth execution of research activities of the organization having instruments like HPLC, RT-PCR and UV spectrophotometer. These instruments are highly in demand for the analysis purpose in the chemical or medicinal domain. Other than in-house university students, researchers and faculties, these instrumentation facilities may also be used by other academic, industry and research organization communities of the state or nation. The details of the central lab facility are given below.

SI No	Name of the instrument (Make and Model)	Research applications/ utilizations	Users of the instrument
1.	Real time PCR (Applied Biosystem, Quantstudio 5) Location of the instrument: MB516	<ul style="list-style-type: none"> • Disease diagnosis • Pathogen load estimation, Microbe detection • Gene expression Analysis • Absolute quantification, Relative quantification • Drug adulteration analysis • Melt curve analysis • Noncoding RNA & microRNA Analysis • Genetic Variation Analysis • Mutation Detection analysis/ SNP analysis • Allelic discrimination, Biomarker Analysis • Multiplexing analysis of different target genes • Drug discovery analysis • Cancer Research, detecting somatic mutations for cancer research • Genetic Modified Organism (GMO) detection 	<ul style="list-style-type: none"> • In-house uses: Students, researcher scholars and faculties of Microbiology, Biotechnology, PGDMLT, Physiotherapy, Pharmacy, Chemistry can utilize this instrument for their research purposes. • Other academic institutions, Pharma industries, chemical industries, research organizations can also use this instrument.
2.	HPLC System with PDA detector (AGILENT, 1260 INFINITY) Location of the instrument: MB514	<ul style="list-style-type: none"> • The instruments can be used in chemical, Pharmaceutical, Bioanalytical, food and beverage, clinical, forensic, environmental and drug development researches. • Quantitative and qualitative analysis of certain compounds • Analysis of drugs and their metabolites. 	

		<ul style="list-style-type: none"> • Development of new drugs and for monitoring therapy. • Measurement of concentrations of certain biogenic substances helps in diagnosis. • Water purification analysis • Detection of impurities in pharmaceutical industries. • Pre-concentration of trace components. 	
3.	<p>PCR (BioRad, T-100 Thermal Cycler) Location of the instrument: MB516</p>	<ul style="list-style-type: none"> • DNA finger printing and Barcoding • Gene isolation and characterization • DNA sequencing • Testing of genetic disease mutations. • Monitoring the gene in gene therapy. • Used as a tool in genetic fingerprinting. • Forensic studies and Paternity tests • In the phylogenetic analysis of DNA Analysis of • Gene expression study • Genome Mapping 	
4.	<p>Spectrophotometer (SHIMADZU, UV-1800) Location of the instrument: MB516</p>	<ul style="list-style-type: none"> • Drug identification and analysis • Biomolecule characterisation and analysis • Nucleic acid analysis • Chemical compound analysis • Bacterial culturing • Quality control analysis in the beverage industry and chemical research. 	

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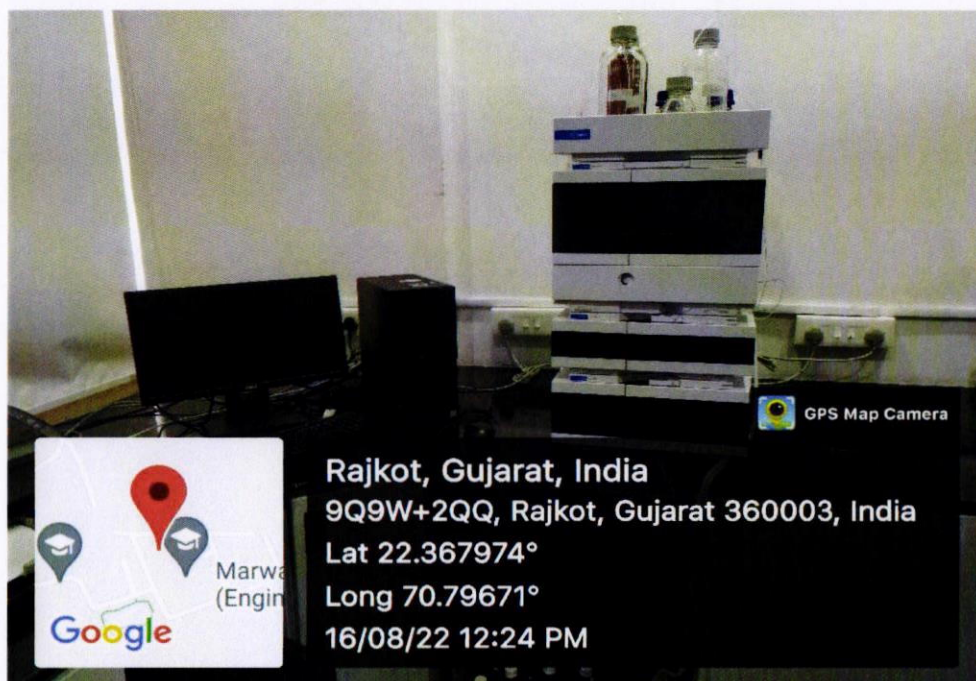


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Central Instrumentation Facility:



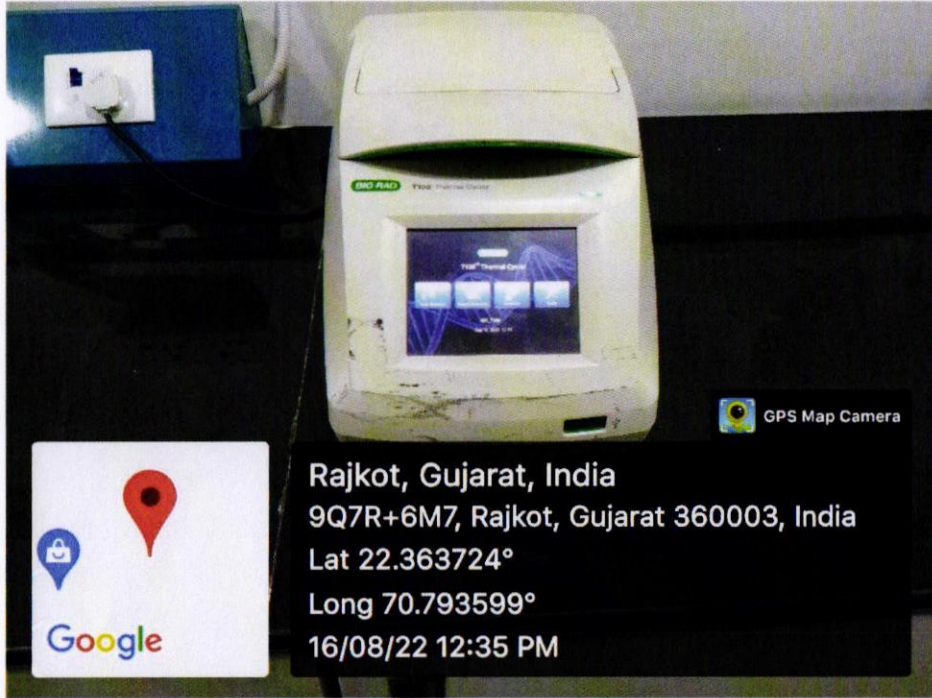
Real time PCR, Applied Biosystem, Quantstudio 5



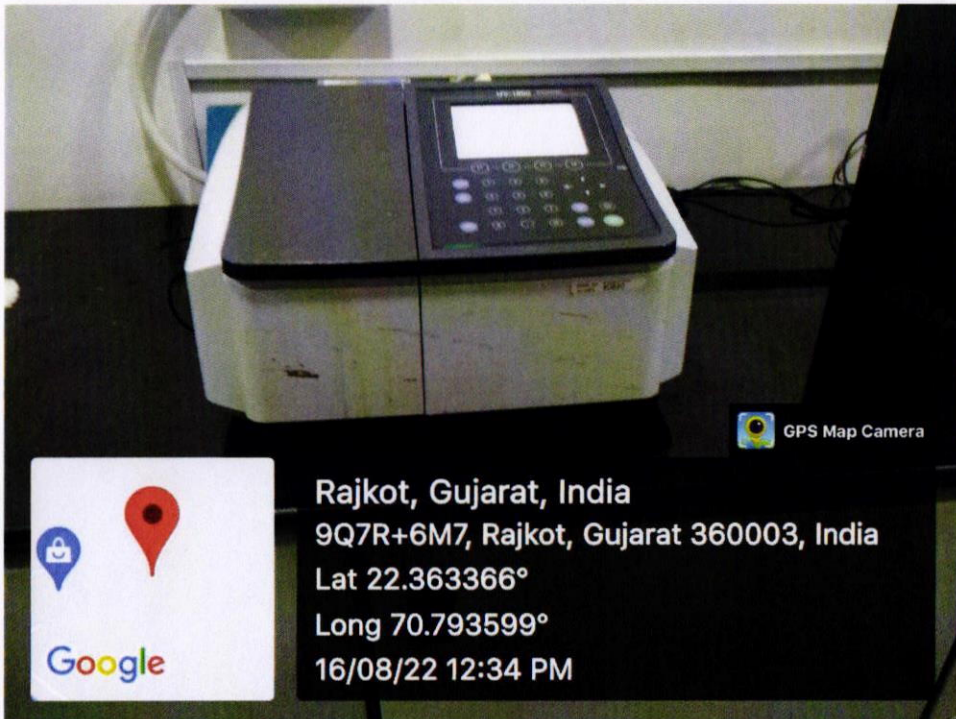
HPLC System with PDA detector, AGILENT, 1260 INFINITY

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PCR, BioRad, T-100 Thermal Cycler



Spectrophotometer, SHIMADZU, UV-1800

MUSEUM

The centralized museum is constructed on the sixth floor of the institute to display information on various aspects of pharmacy. Marketed drug formulations and herbal drugs are displayed in the museum so that students, faculty, parents and visitors and all the stakeholders can refer /see these informative displayed contents.

The college has a museum which shows informative & wonderfully arranged drug display boards that showcase the latest allopathic and herbal formulations. In the Pharmaceutics section, we have well-labelled containers and Cartons, and also samples of different dosage forms, like syrups, suspensions, liquids, tablets (conventional tablet, controlled release tablet, extended-release tablet, gastro retentive tablet etc.), capsules, suppositories, eye drops, ampoules etc. for a detailed study of dispensing and packaging of pharmaceutical products, and are arranged systematically according to the type of dosage form and therapeutic value. In the pharmacognosy section, we have various specimens of crude drugs, such as Fennel, Cardamom, Nutmeg, Ajowan, Liquorice, Black Catechu, Amla, Coriander, Sandalwood, Rhubarb, Garlic, Kurchi, and many more. For the morphological studies, we have samples of Medicinal plants of Senna, Quassia, Saffron, gentian, Punarnava, Sarsaparilla, Shatavari and many more.



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Pharmaceutics Museum-1



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PHARMACEUTICS
MUSEUM



GPS Map Camera



Rajkot, Gujarat, India

9Q8X+V2V, Rajkot, Gujarat 360003, India

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Long 70.798109°

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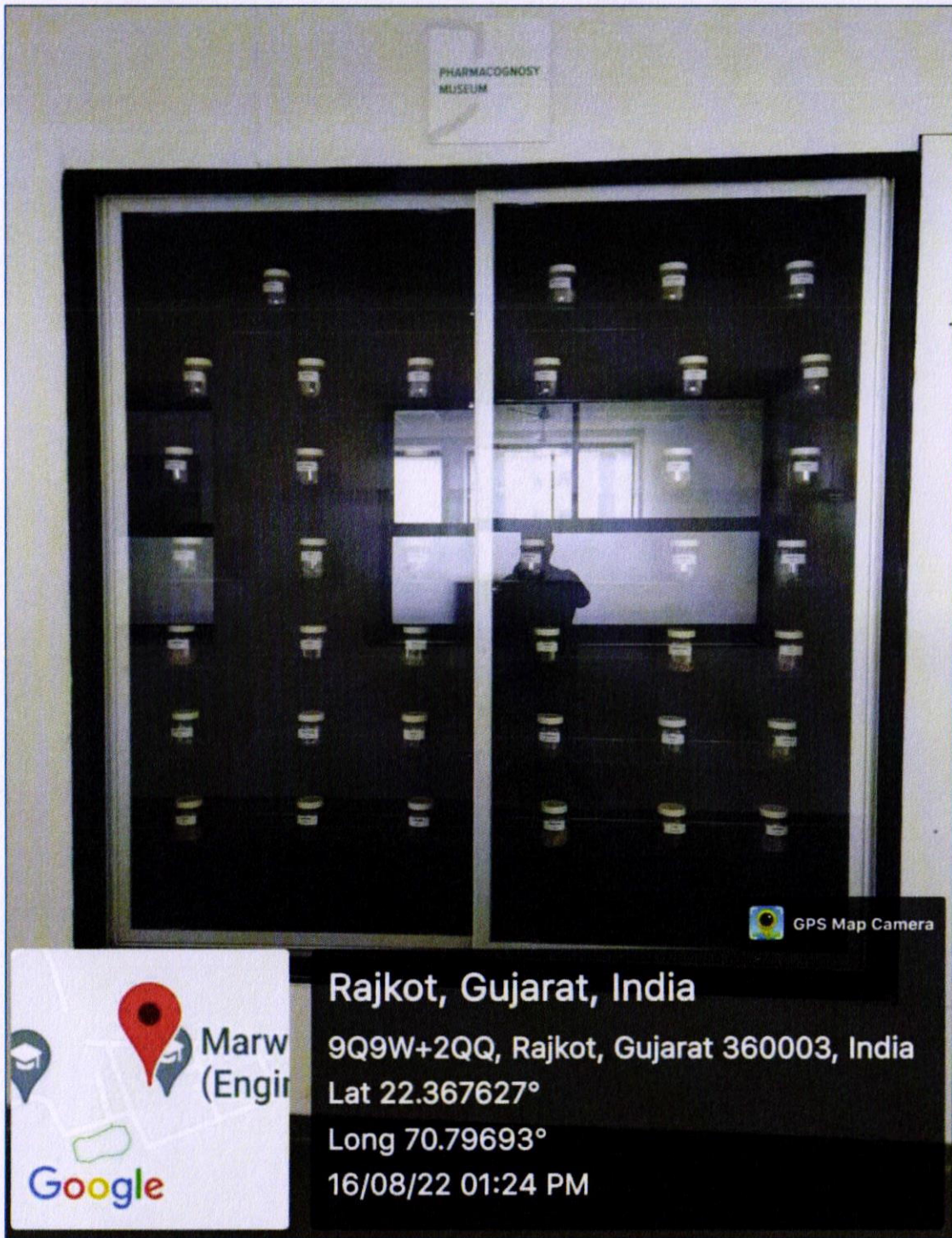
Pharmaceutics Museum-2



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Rajkot, Gujarat, India

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Pharmacognosy Museum



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PHARMACEUTICS
MUSEUM



GPS Map Camera



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Pharmaceutics Museum-2

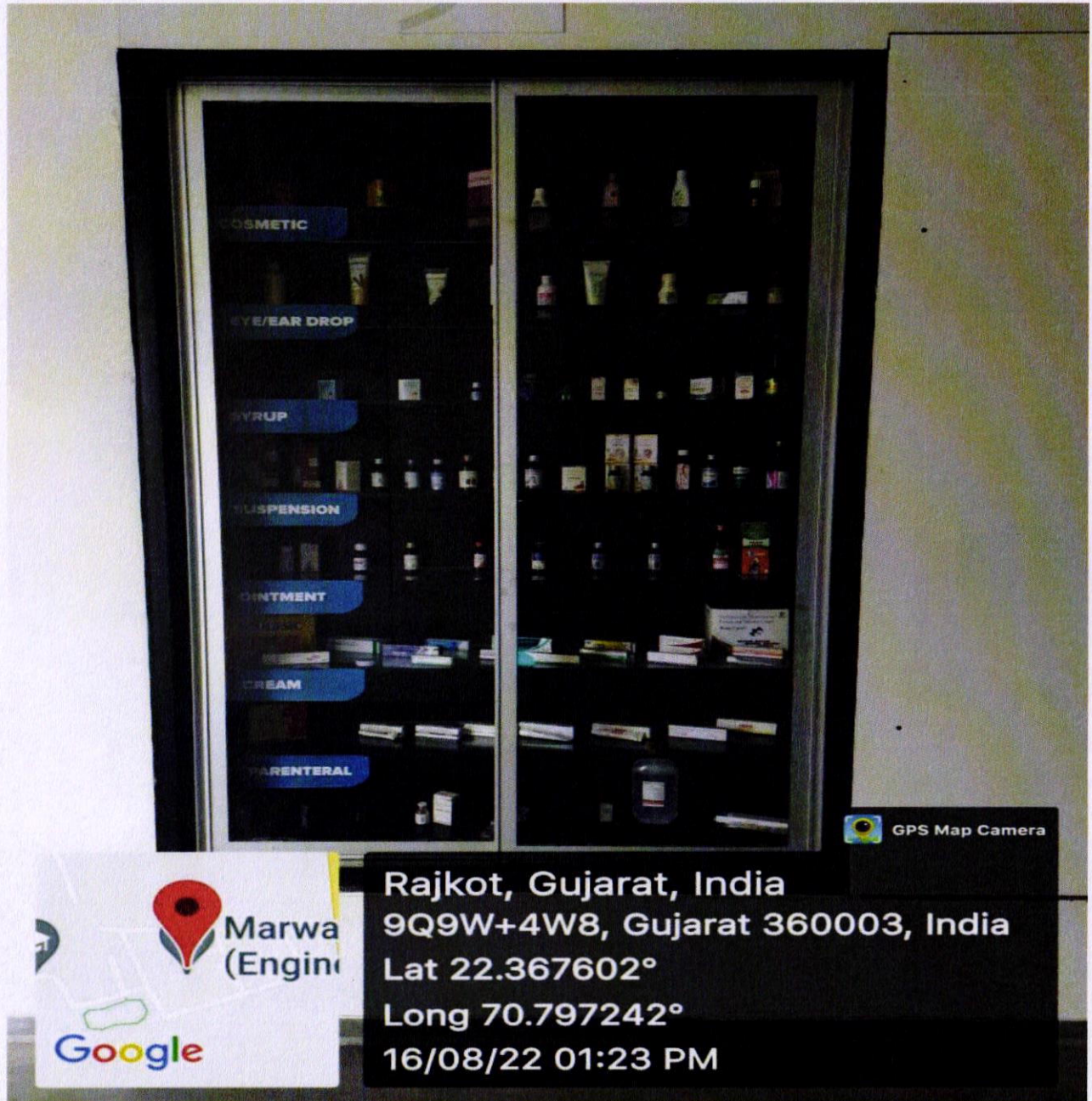


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MUSEUM



Pharmaceutics Museum-1



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Pharmaceutics Museum-1



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MUSEUM



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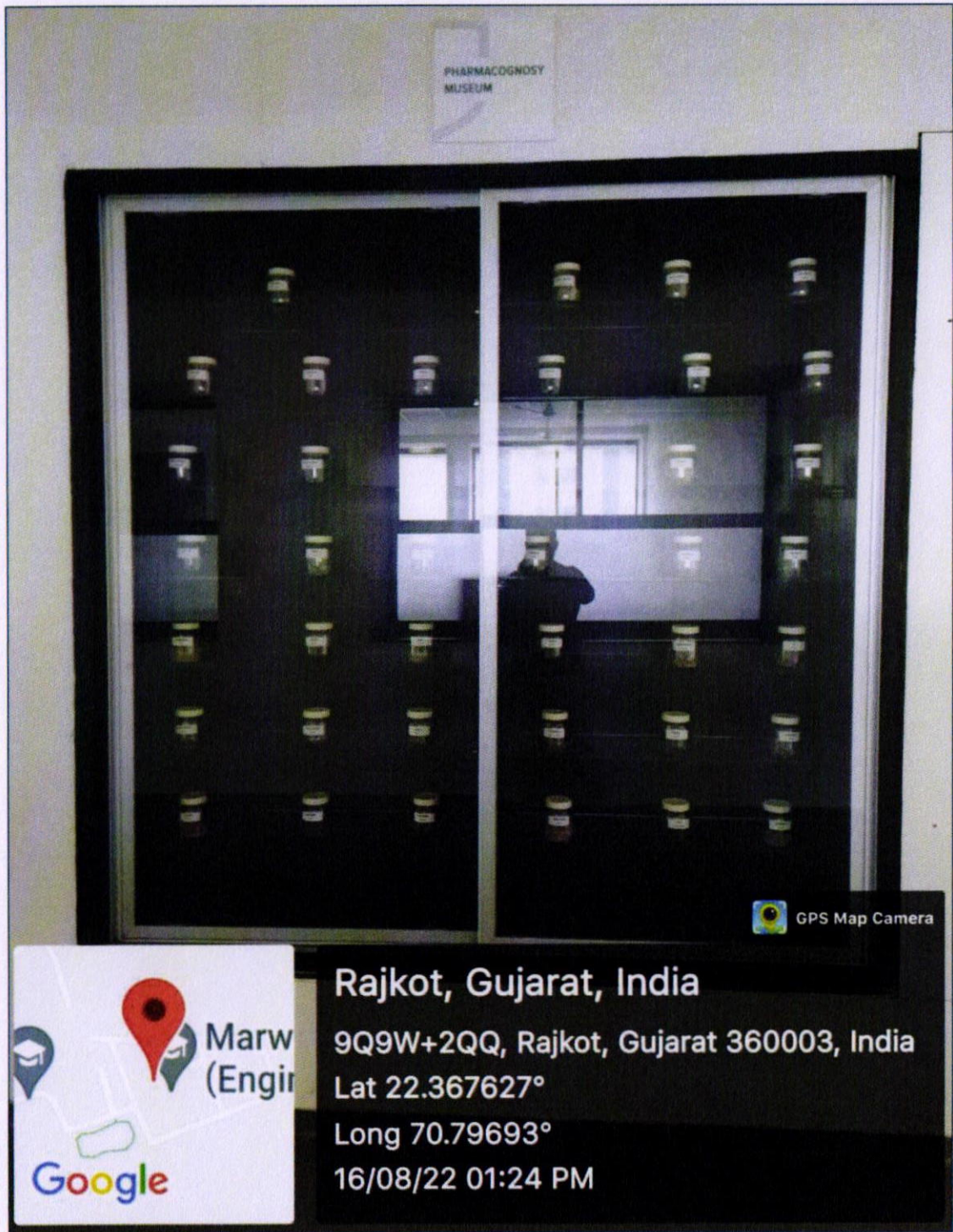
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Pharmaceutics Museum-2



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Rajkot, Gujarat, India

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Lat 22.367627°

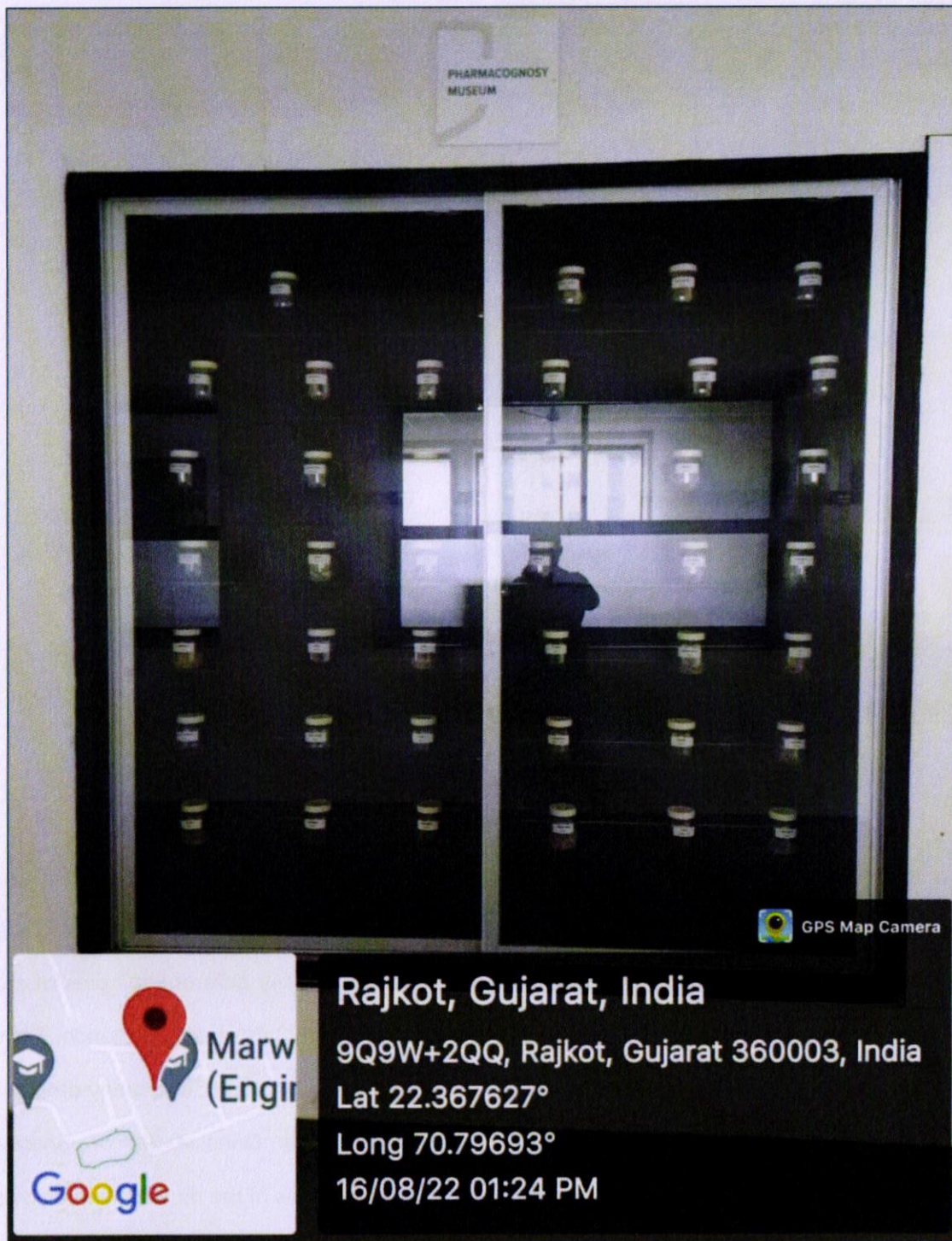
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Pharmacognosy Museum

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Pharmacognosy Museum



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HERBAL MUSEUM

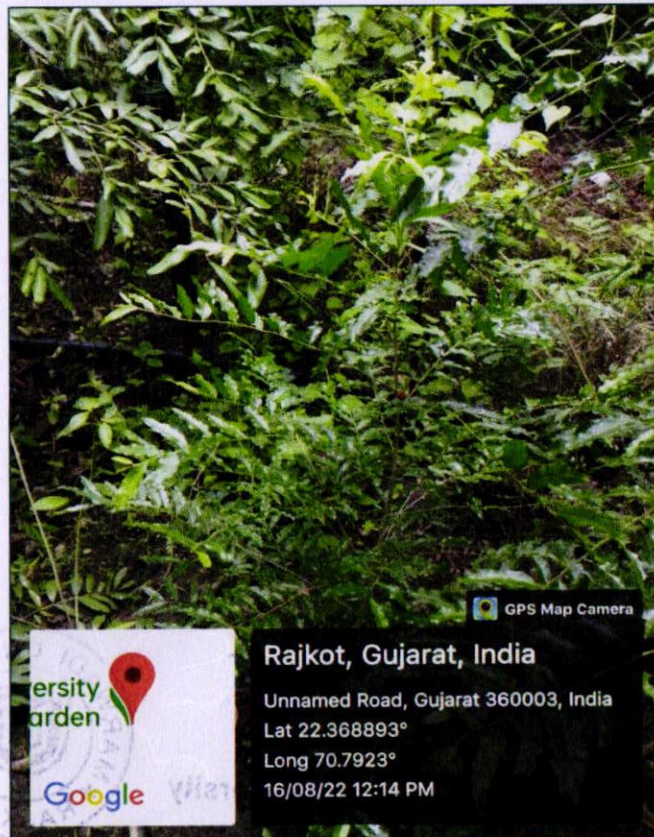
The herbal museum features well-organized, educational shelves that highlight unprocessed crude medicines obtained from plants and other natural sources. We have many different samples of crude medications in our pharmacognosy area, including those made from Cardamom, Liquorice, Fennel, Nutmeg, Ajowan, Black Catechu, Amla, Kurchi, Coriander, Sandalwood, Rhubarb, and many others. We have samples of medicinal herbs including Sarsaparilla, Senna, Gentian, Quassia, Saffron, Shatavari, Punarnava, etc. for the morphological investigations. The exhibited pieces of the museum are also used as part of the existing education program.



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HERBAL GARDEN

The purpose of a herbal garden is to educate pharmacy students and visitors about herbal and medicinal plant conservation and traditional usage, as well as to serve as a location where students, farmers, and others can learn how to identify and protect these significant plants. At the Faculty of Pharmacy, Marwadi University we have a herbal garden on campus where most of the traditional and localised crude drugs and medicinal plants are available for morphological, microscopical, and other kinds of studies as well as for research purposes.



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HERBAL GARDEN



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Rajkot, Gujarat, India

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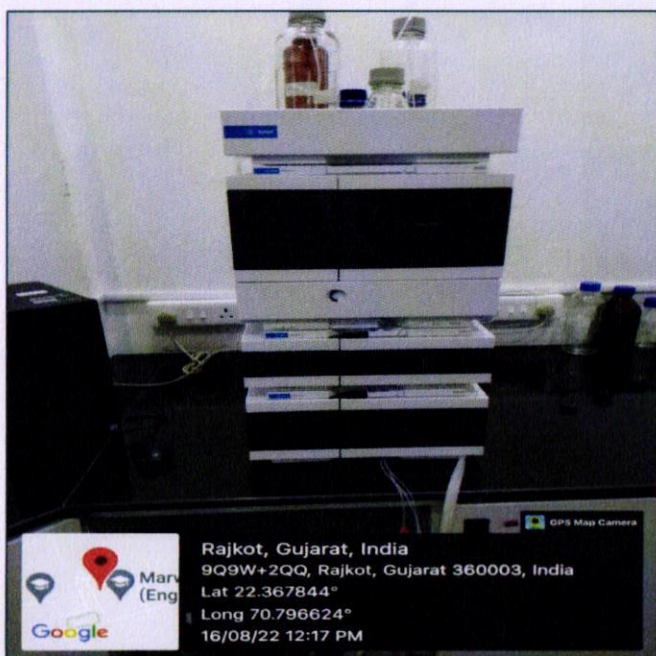
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CENTRAL INSTRUMENT FACILITY

The Marwadi University developed the central instrument facility to meet the needs of researchers in the fields of pharmaceutical sciences. A committed and knowledgeable team of scholars and researchers manage and maintain the advanced instrumental facilities. Modern and highly advanced equipment is installed and used to support a variety of formulation and analytical-based research projects. High-performance liquid chromatography, Double beam UV-visible spectrophotometer, Gel-doc system, RTPCR, High-speed cooling centrifuge, Franz diffusion cell, Brookfield viscometers, Stability chamber, etc. are some of the important instruments available at the central facility area. It has made it possible for its users to grow, stay current with global innovations, and publish their research findings in scholarly publications with high-impact factors. Undergraduate, graduate, doctoral, and faculty members all make effective use of the central instrumental facilities. The facility is made available to outside organizations, for a minimal charge.



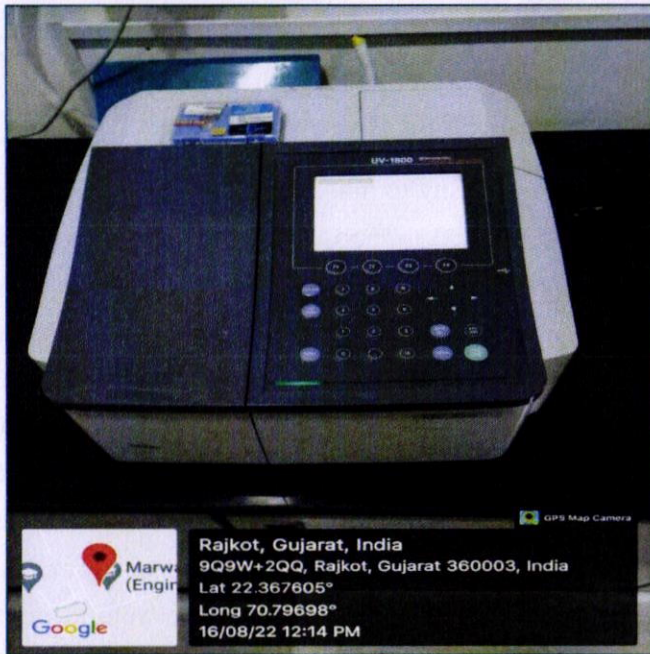
High-Performance Liquid Chromatography (HPLC), Agilent



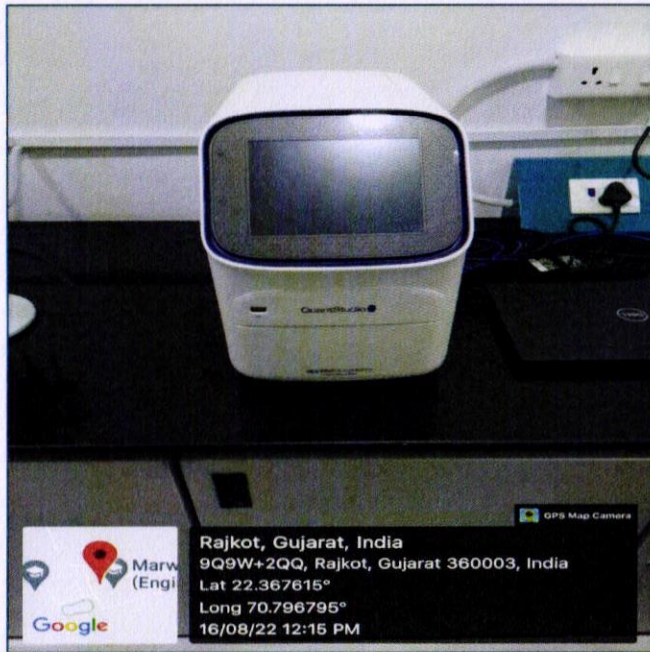
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UV-Visible Spectrophotometer (Shimadzu-1900)

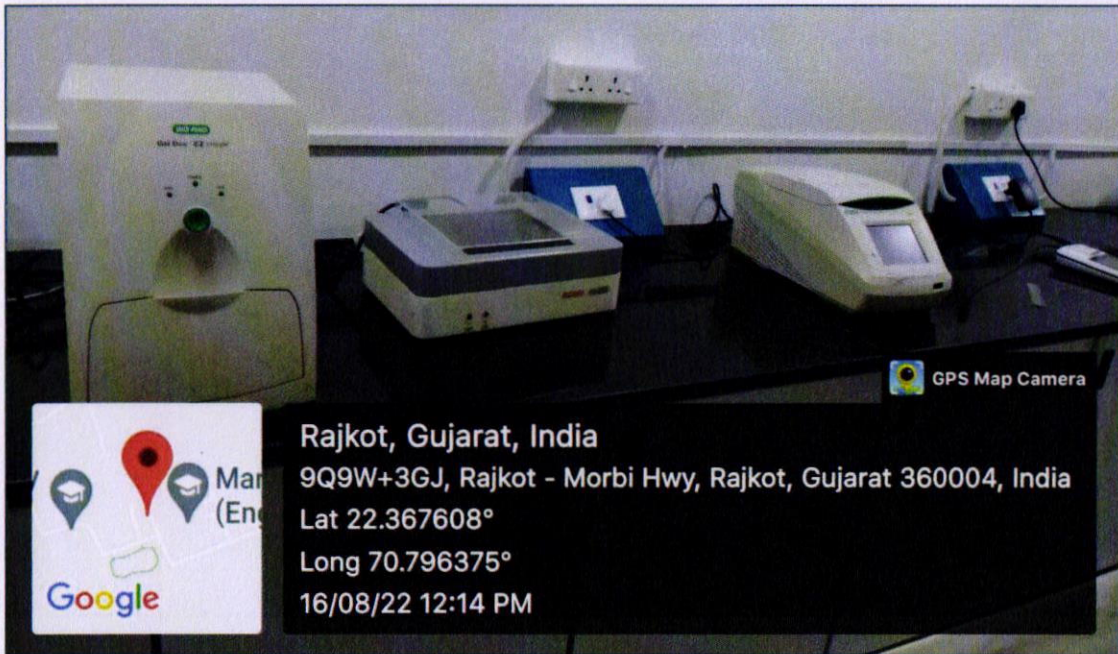


RT-PCR

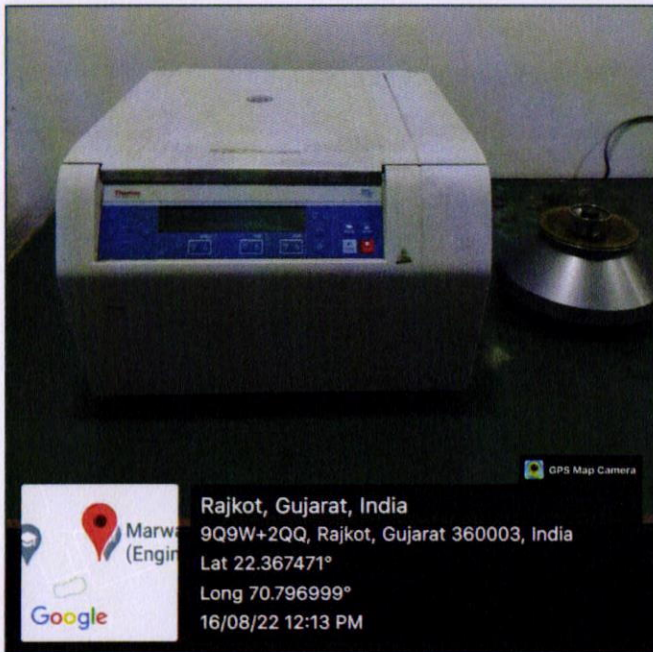
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Gel-Doc system



Cooling centrifuge

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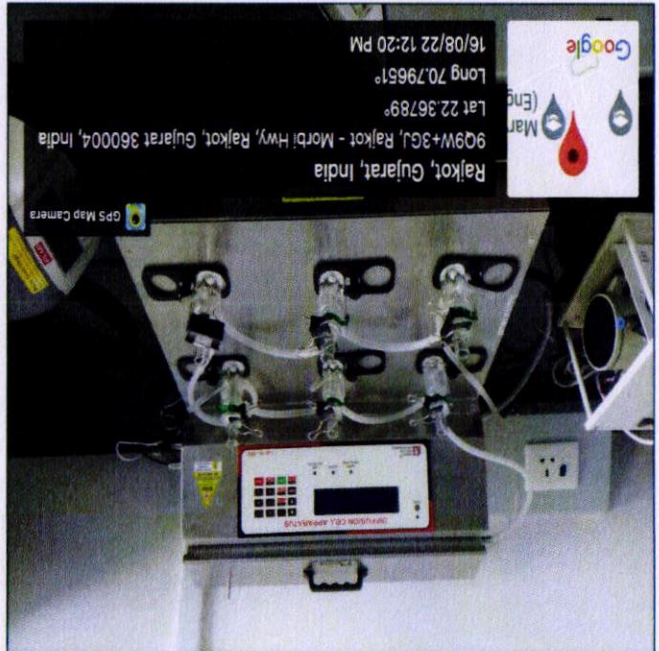
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Flame-photo meter



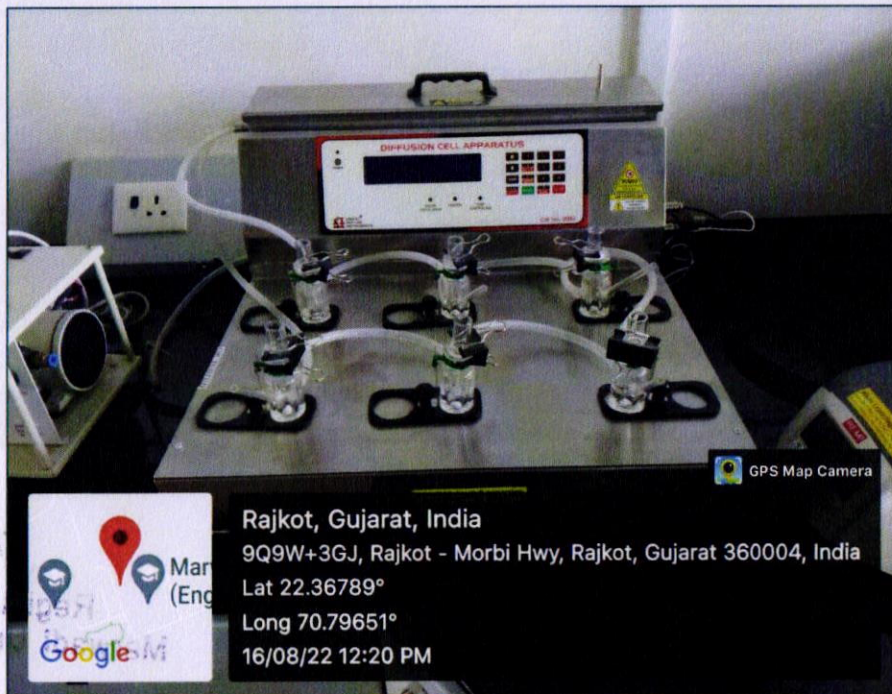
Franz-diffusion cell apparatus



CENTRAL INSTRUMENT FACILITY



UV-Visible Spectrophotometer (Shimadzu-1900)



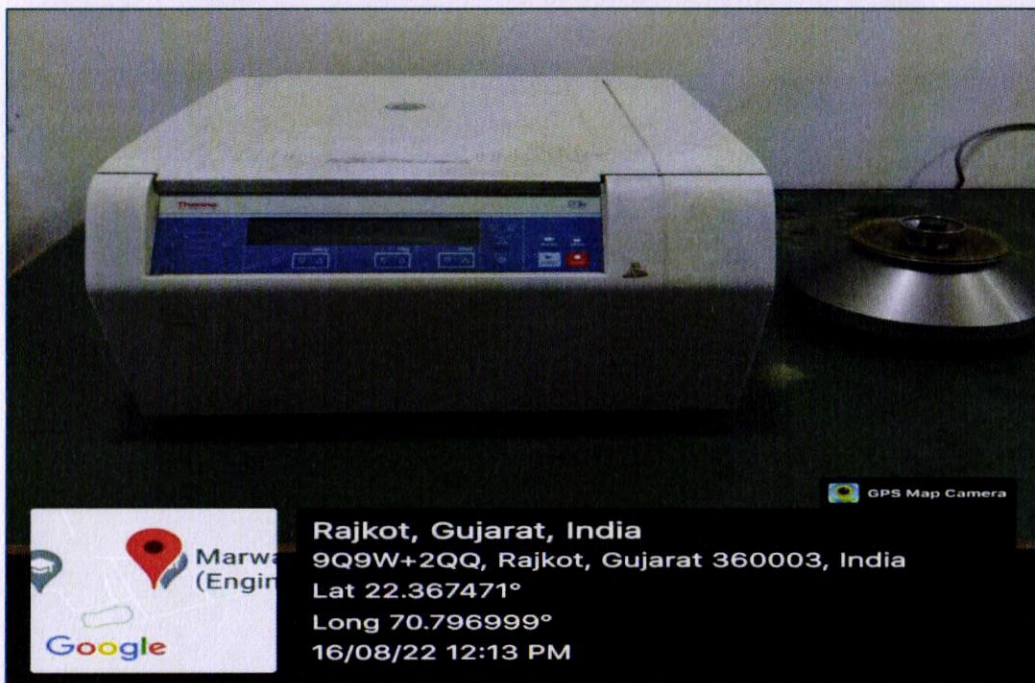
Franz-diffusion cell apparatus


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Flame-photo meter



Cooling centrifuge

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Cooling centrifuge

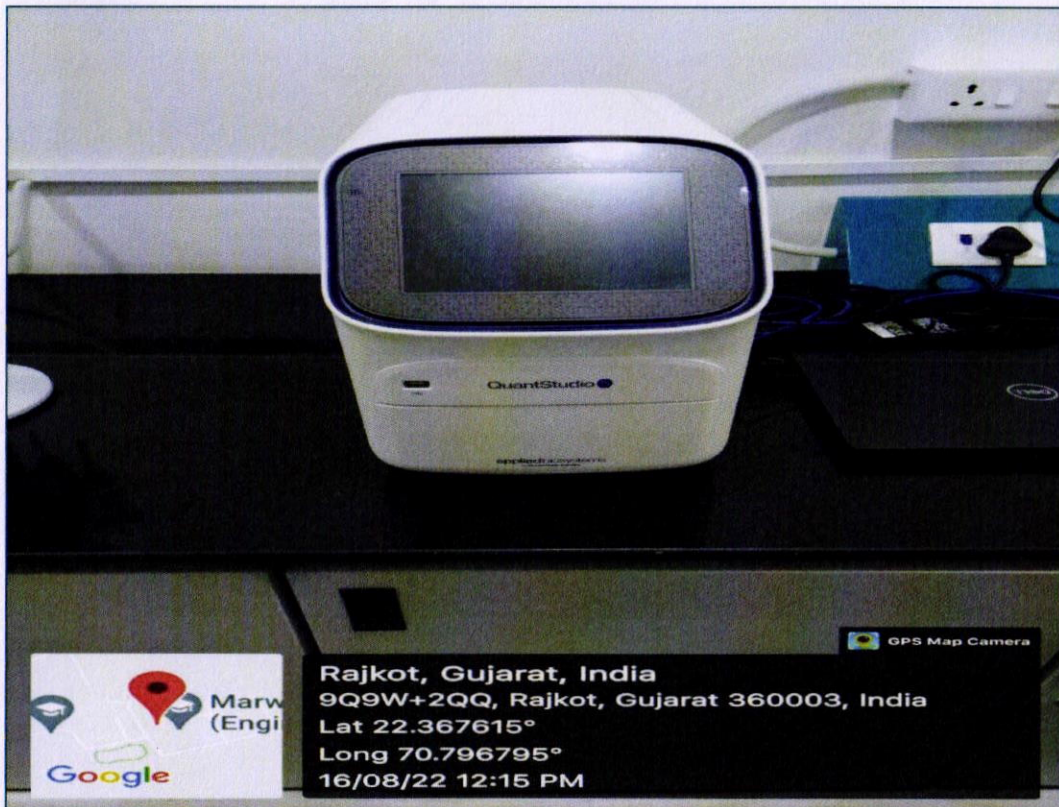


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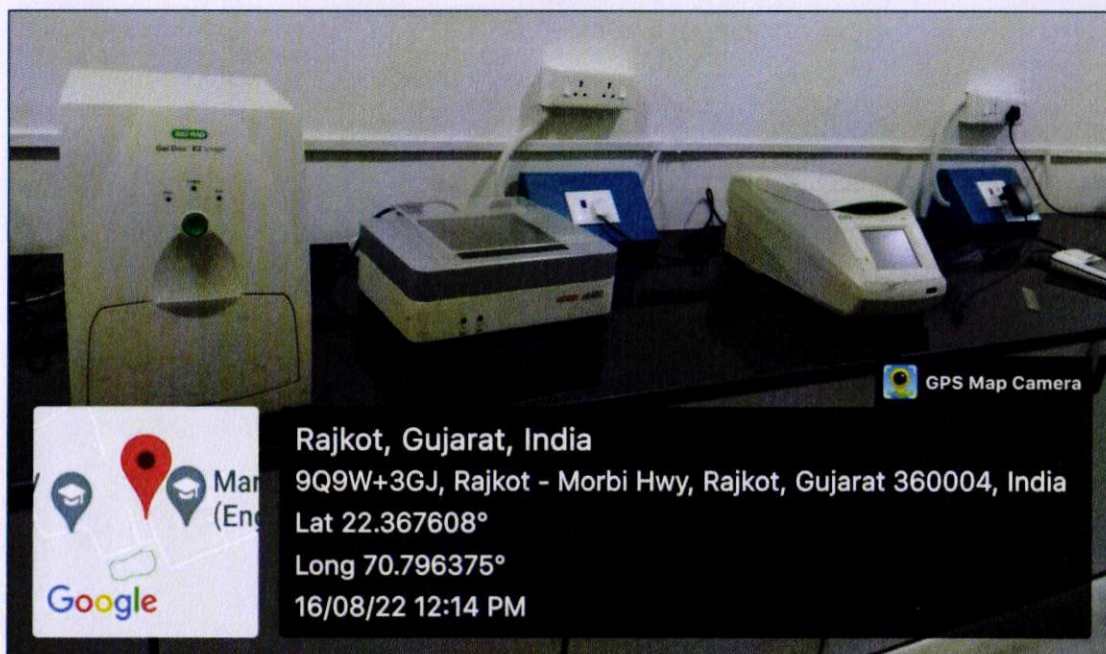
High-Performance Liquid Chromatography (HPLC), Agilent

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RT-PCR



Gel-Doc system

Madhav
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Marwadi University



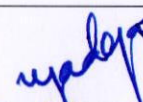
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1. Central Instrumentation Centre

Facilities at MUIIR

Marwadi University Centre for Innovation, Incubation and Research (MUIIR) has dedicated space of over 2500 square feet for supporting research. MUIIR has more than 35 hardware and software for supporting research. List of equipment along with their photographs are enlisted herewith.

No	Name	Quantity
1	Makerboat Replicator+	1
2	NIS72 PCB PROTOTYPING MACHINE	1
3	REGULAR MAGNETIC WHITE BOARD	1
4	ELECTRONIC AUTOMETIC REGULATOR	1
5	NIS72 PCB PROTOTYPING MACHINE	1
6	MAKERBOT PRINTER PARTS	1 KG
7	OIL	-
8	TOOLS TROLLEY	2
9	CO2 LASER ENGRAVING MACHINE	1
10	JULIUS STUDIO 2 SETS PORTABLE CONTIONIOUS DOUBLE HEAD LED LIGHTS	2 SETS
11	LOGITECH C922 PRO STREAM WEB CAM	1
12	AEOSS PROFESSIONAL USB MICROPHONE FOR VIDEO RECORDING	1
13	BOSCH GSB 500W 10 RE PROFESSIONAL TOOL KIT	1
14	3M 9004 IN PARTICULATE RESIPRATOR	10 NOS
15	3M 1710 IN PROTECTIVE SPECTACLES	4 NOS
16	FLUKE 101 DIGITAL MULTIMETER	1
17	WACOM MEDIUM ART PEN AND TOUCH TABLET	1
18	NIKON D5300 24.2 MP DIGITAL SLR CAMERA	1
19	BOSCH BT150 PROFESSIONAL TRIPOD	1
20	KABEER ART 13 BLADES 3 KNIFES HANDLES KIT	1
21	AMICKART 25 IN 1 MULTI POCKET PRICISION ALLOY STEEL SCREWDRIVER SET	1
22	SANDING DISC 5 INCH WITH LOCK NUT FOR GRINDER/DRILLER	1


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No	Name	Quantity
23	30 PC ROUND SAND PAPER COMBO	1
24	INDITRUST HEAVY DDUTY 12 INCH HACKSAW FRAME WITH 5 BLADES	1
25	STANELY 16-089 METAL AND PLASTIC CHISEL SET	1
26	KRISTEEL RECTANGULAR WIRE GAUGE	1
27	SANDISK EXTREME PRO 64GB CLASS 10	1
28	MECHANICAL FILES AND CUTTERS	-
29	VERNIER CALIPER 150MM DIGITAL	1
30	OUTSIDE MICROMETER	1
31	FOOT RULE	1
32	BEVEL PROTECTOR	1
33	INSIDE CALIPER -200MM	1
34	OUTSIDE CALIPER-150MM	1
35	ENGINEERS SQUARE GRADUATED 6	1
36	MEASURING TAPE -FIBER-30M	1
37	MEASURING TAPE -STEEL-5M	1
38	SLIP GAUGE-5MM	1
39	DIGITAL HEIGHT GAUGE-150MM	1
40	BORE GAUGE DIGITAL	1
41	DIAL GUAGE	1
42	DIGITAL DEPTH GAUGE	1
43	FEELER GAUGE -4"	1
44	WIRE GAUGE	1
45	ULTRASONIC THICKNESS GAUGE	1
46	SRFACE ROUGHNESS TESTER	1
47	ANGLE GRINDER	1
48	METAL CUT GRINDER	1
49	BENCH GRINDER	1
50	BLOWER	1
51	HEAT GUN	1
52	WELDING MACHINE SETUP	1
53	GAS CUTTING	1
54	SAFETY EQUIPMENTS	1
55	PLANER	1
56	TABLE SAW	1
57	MITER SAW	1
58	WET DRY EXTRACTOR	1
59	ROTARY TOOL KIT	1
60	GRANITE SURFACE PLATE	1


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No	Name	Quantity
61	ELECTRONIC WORKSTATION FOR TEST AND MEASURING LABORATORY	1
62	SOLDERING AND DESOLDERING STATION DIGITAL	1
63	SENSORLAB	1
64	IoT LEARNING PLATFORM	1
65	IoT BUILDER PLATFORM	1

Facilities at MUJCAL-Association for Foundry Technology

Marwadi University Jyoti CNC Automation Limited (MUJCAL) has dedicated space of over 3200 square feet for supporting research. MUJCAL has more than 40 equipment for supporting research. MUJCAL is funded with more than 1.3 crore, and have dedicated space over 3200 square feet. MUJCAL is equipped with more than 40 equipment including 3D Scanner, 3D Printer, Die Engraver, Sieve Analyser, Mould Permeability Tester, Vacuum Assisted Melting Furnace, Metallurgical Microscope, Universal Testing Machine (UTM), Ultrasonic Non-destructive Testing Machine, X-ray fluorescence (XRF), Spectrometer, Casting Simulation Software (AutoCAST) etc. used in pattern & mould making, melting, pouring, testing as well as inspection of castings. List of equipment along with their photographs are enlisted herewith.

No.	Name
1	3d printer
2	3d scanner with turn table
3	Data taker
4	Vmc
5	Auto cast
6	Sieve analysis
7	Permeability tester
8	Alluminium molding box
9	Core sand mixer
10	Match plate with pattern
11	Mould hardness tester (digital) ('b' scale)
12	Induction furnace
13	Bottom pouring type stir casting machine
14	Universal testing machine model se ute-1000 kn
15	Rockwell hardness tester model se rasn – digital
16	Vicker hardness tester
17	Impact test [izod]
18	Metallurgical microscope
19	Double disc polishing machine

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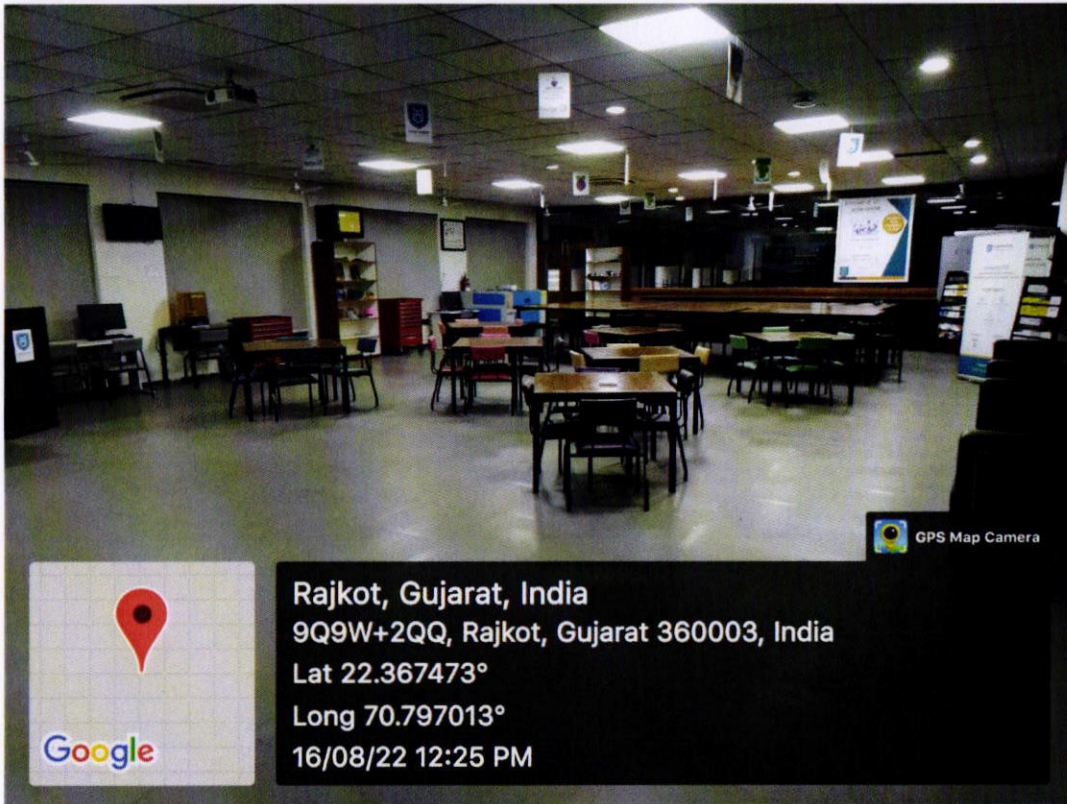
No.	Name
20	Spectrometer
21	Hand held xrf alloy analyzer
22	Ut [ultrasonic testing]
23	Mpt [magnetic particle testing]
24	Lpt [liquid pentrant testing]
25	Digital vernier caliper
26	Digital micrometer
27	Digital height gauge
28	Plunger type dial gauge
29	Digital thermometer
30	Arduino mega processor
31	Air compressor for vmc [10 bar]
32	Sensor
33	Desktop pc - lenovo
34	Laptop- lenovo
35	Printer-canon
36	Projector with screen- hitachi

Facilities at SMART Foundry

Sustainable Metalcasting by Advanced Research and Technology (SMART) has dedicated space for supporting research in the domain of IIoT, digital twinning, and metaverse. SMART foundry lab is equipped with prototype related to IIoT enabled vertical centrifugal casting setup, digital twin of VCC and Metaverse enabled VCC setup. This laboratory is also equipped with high end computing work station, VR headset, high speed slurry mixer, IoT enabled jewellery casting setup etc for development of digital twin as well as Virtual Reality related setup. Photographs are attached herewith.

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MUIIR



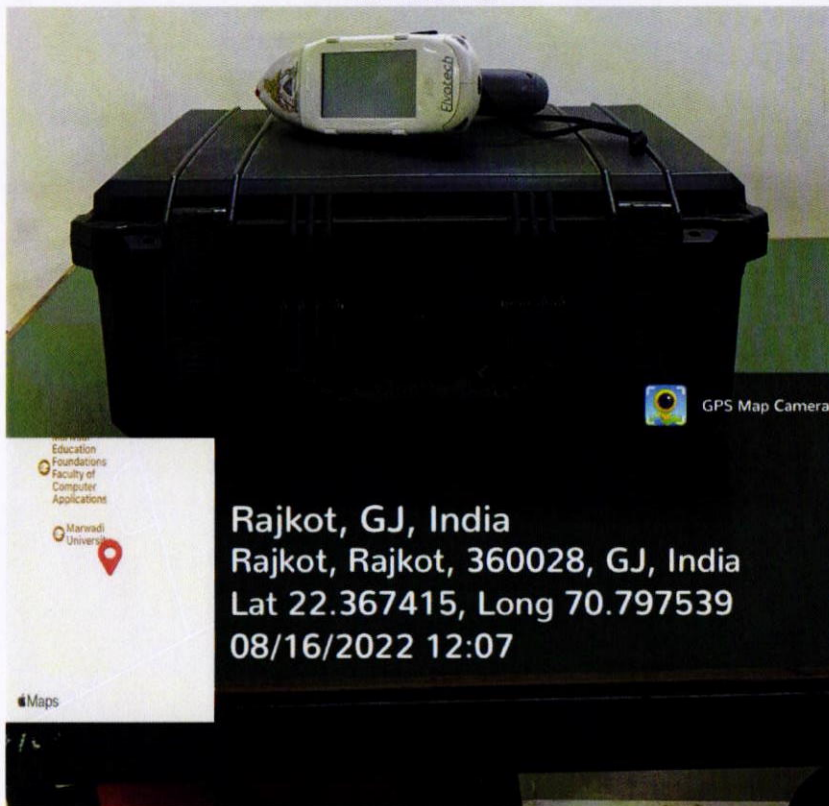
Laser Engraving Machine

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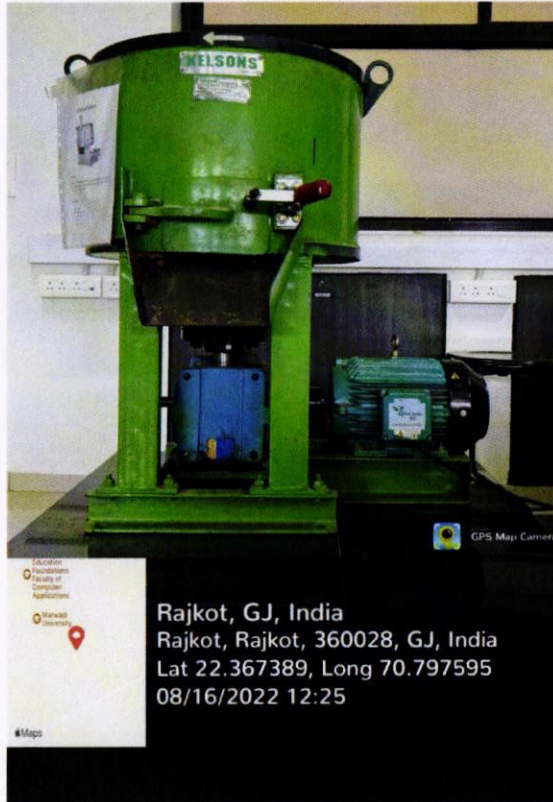
IoT Board



XRF

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Core Sand Mixer



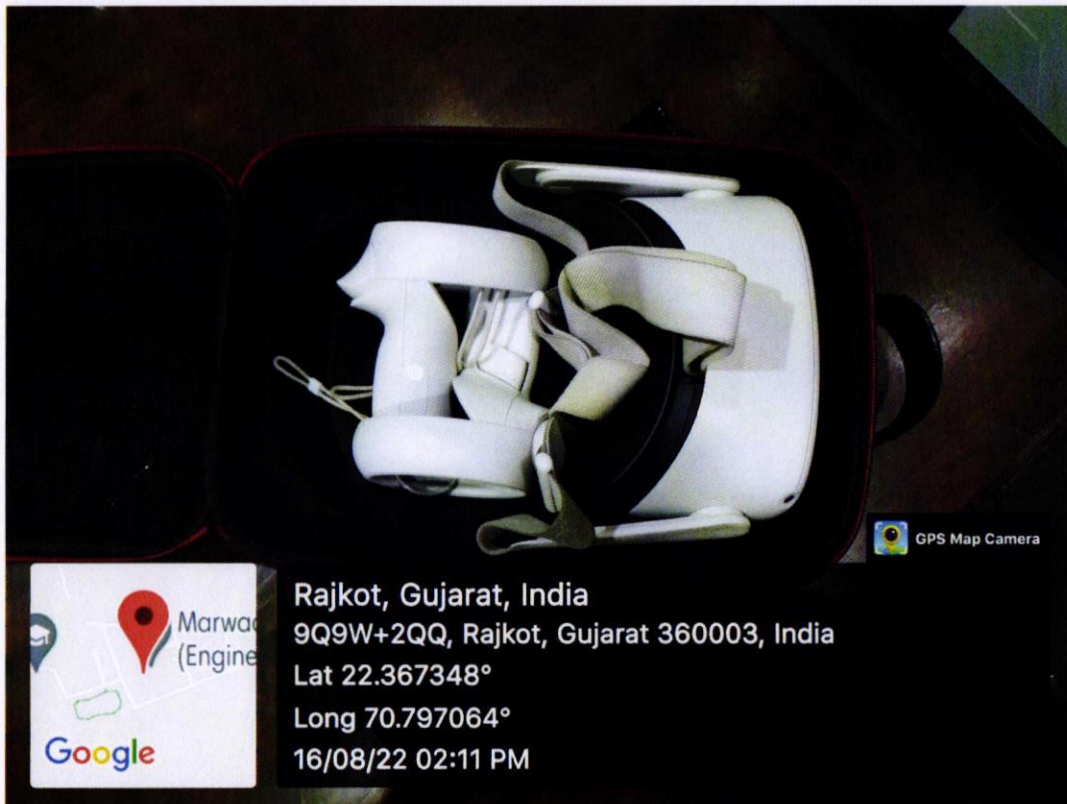
Vacuum Assisted Melting Furnace


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Induction Melting Furnace



VR Headset


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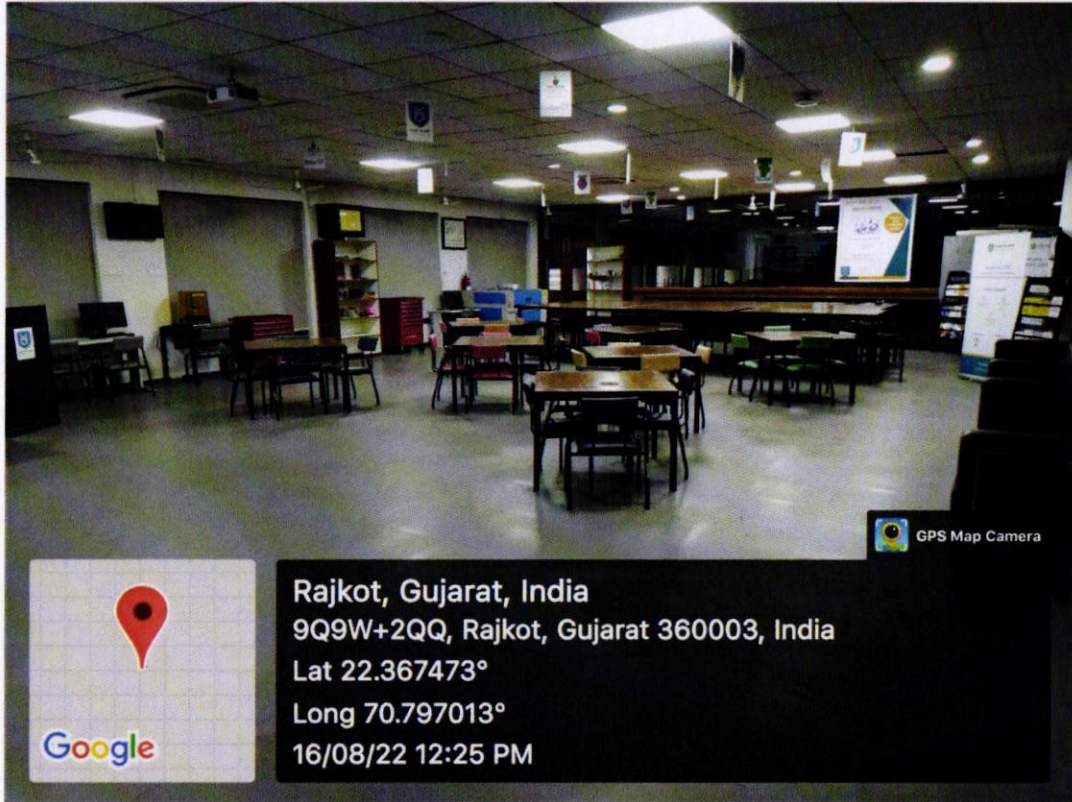
High Speed Slurry Mixer

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1. Central Instrumentation Centre

Facilities at MUIR



MUIR

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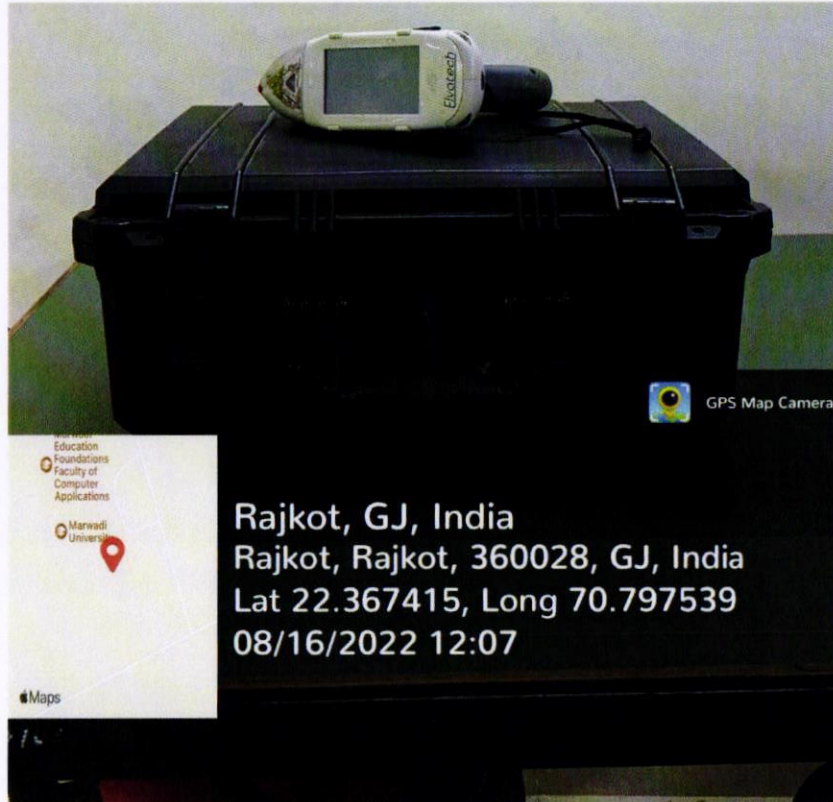
Laser Engraving Machine



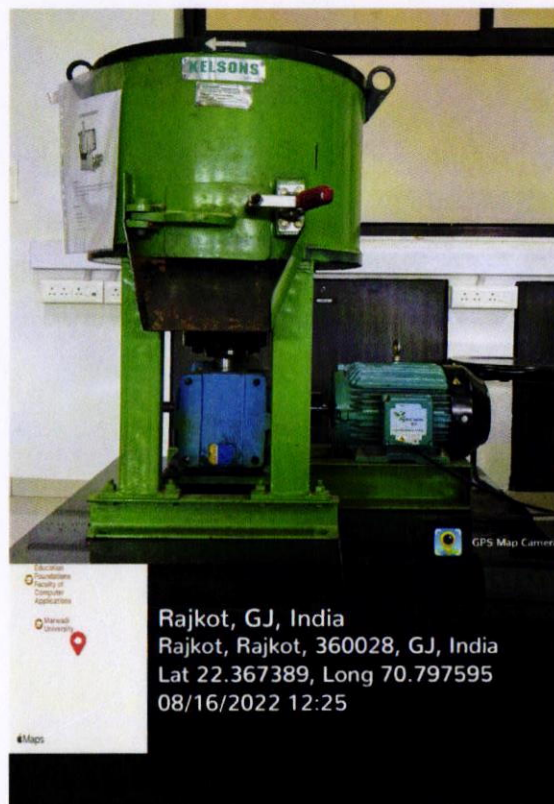
IoT Board

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XRF



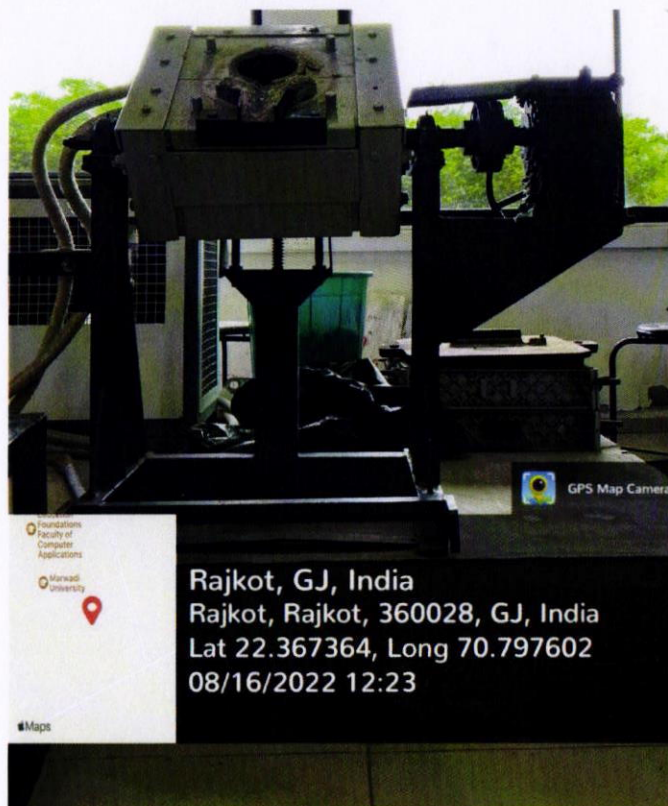
Core Sand Mixer

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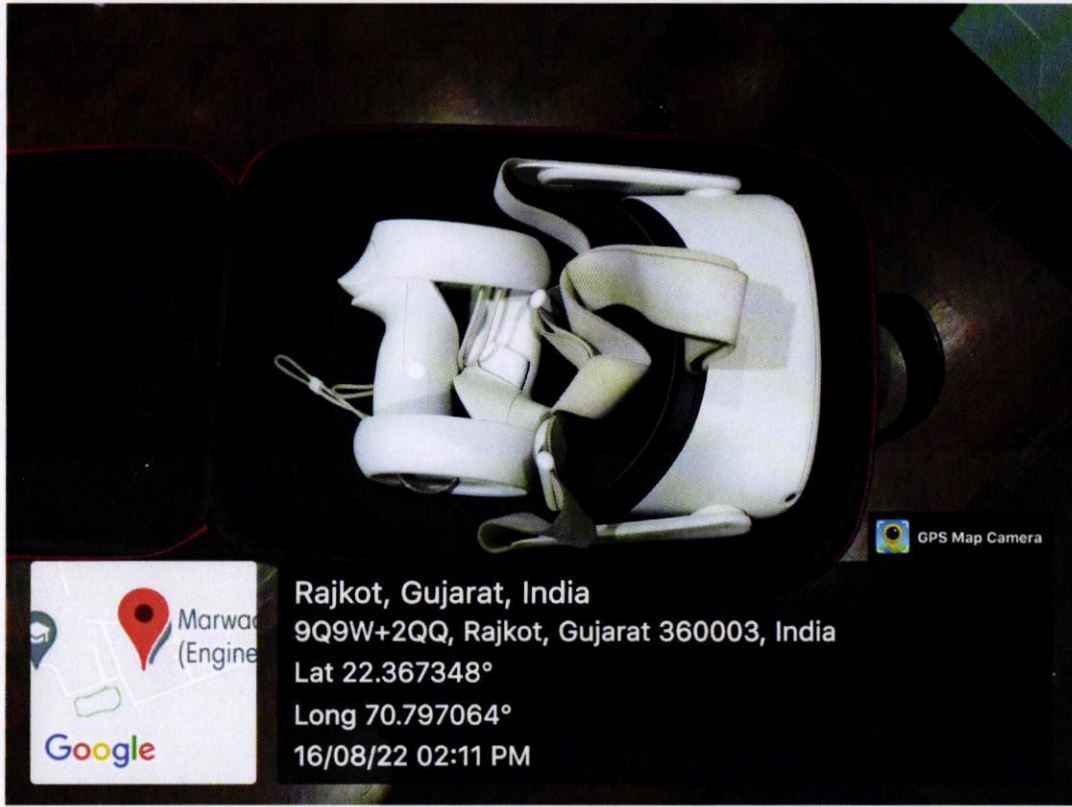
Vacuum Assisted Melting Furnace



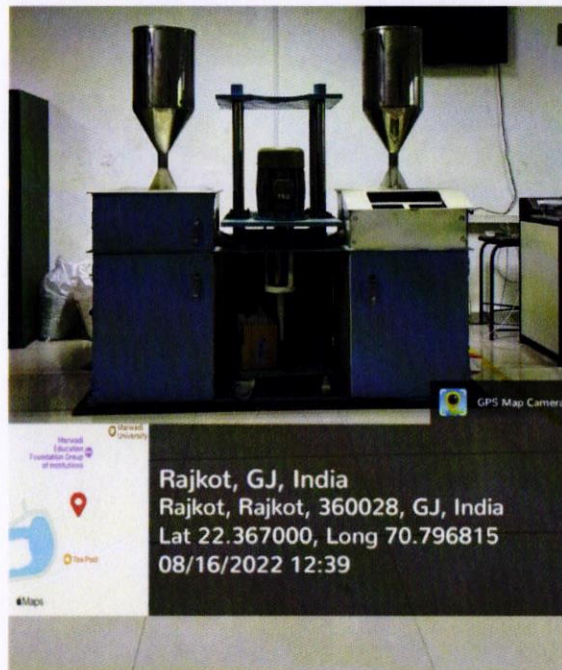
Induction Melting Furnace

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VR Headset



High Speed Slurry Mixer

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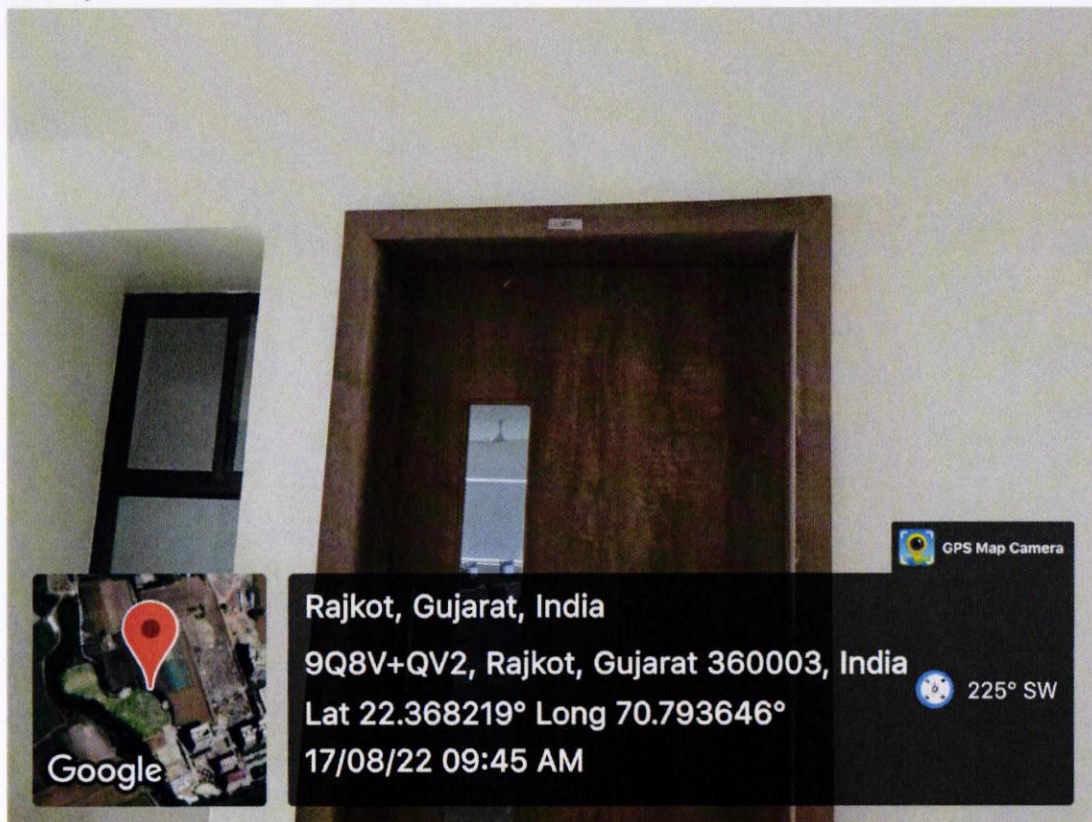


BUSINESS LAB

Faculty of Management Studies
Marwadi University

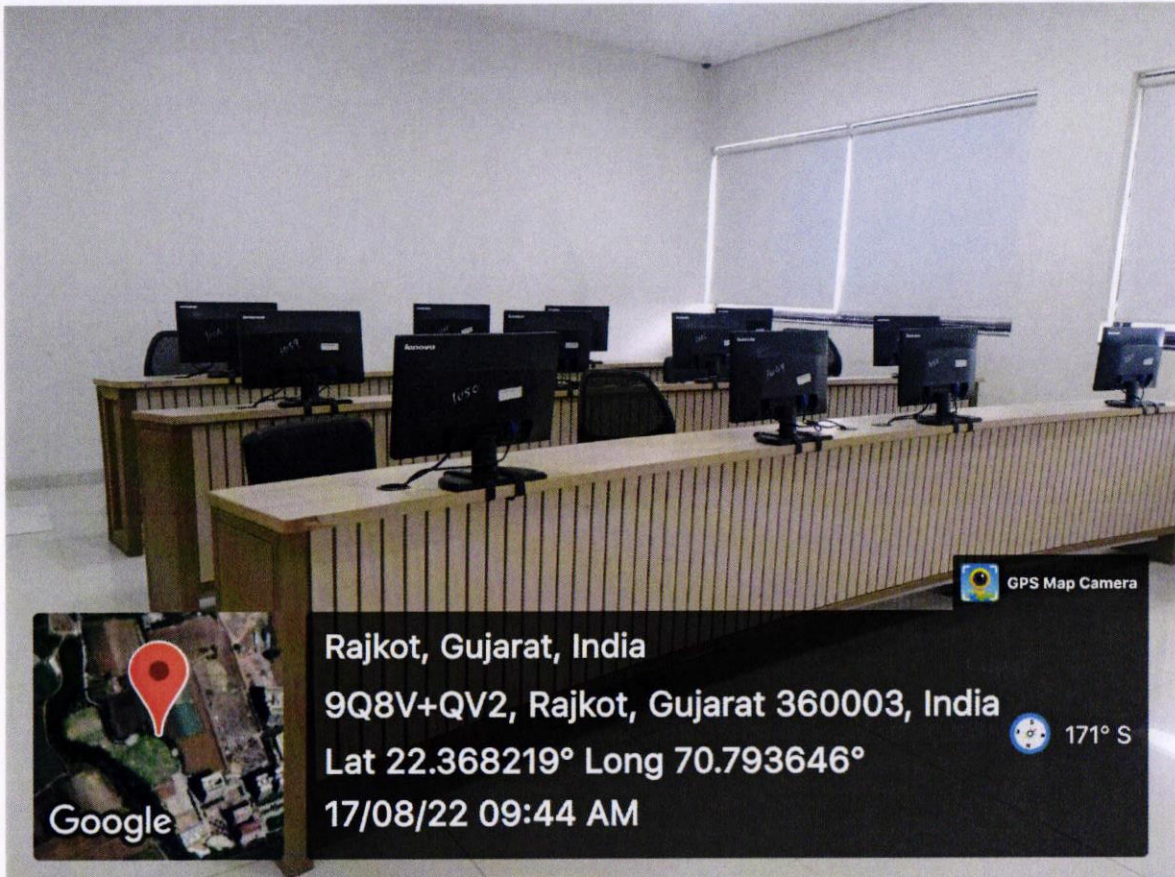
A dedicated Business Lab has been established in the Satyarthi Academic Building for the benefit of students in order to promote global competency and keep them up to date on current business practices. The business lab has put significant knowledge resources in place as a university at the forefront of knowledge enrichment and dissemination, catering to the academic demands of students. Business Lab gives students a hands-on introduction to the techniques that firms use to conduct business. By combining topic syllabi with actual instruction in the lab, the lab offers students a practical orientation. With the use of ICT-based facilities, students may evaluate real-time experiences, explanations, and interpretations of live security trading, market swings, and current market price to gain a sense of the theoretical ideas they learn. Trained and experienced teaching personnel provide point-of-use instructions to students, assisting them in quenching their need for knowledge. For problem-solving and effective decision-making, our UG, PG, and Ph.D. students in the Faculty of Management Studies commonly employ software and other technology-led tools accessible in our lab. Sessions on contemporary issues are also one of the regular features of the business lab to sensitize the students to the manner in which the various domains of management are interconnected leading to develop a multidisciplinary approach to learning.

Infrastructure: The Business Lab is equipped with teaching tools, including 30 computers, a projector, and speakers. The location of the Business lab is LB304 – Satyarthi Building – Marwadi University.



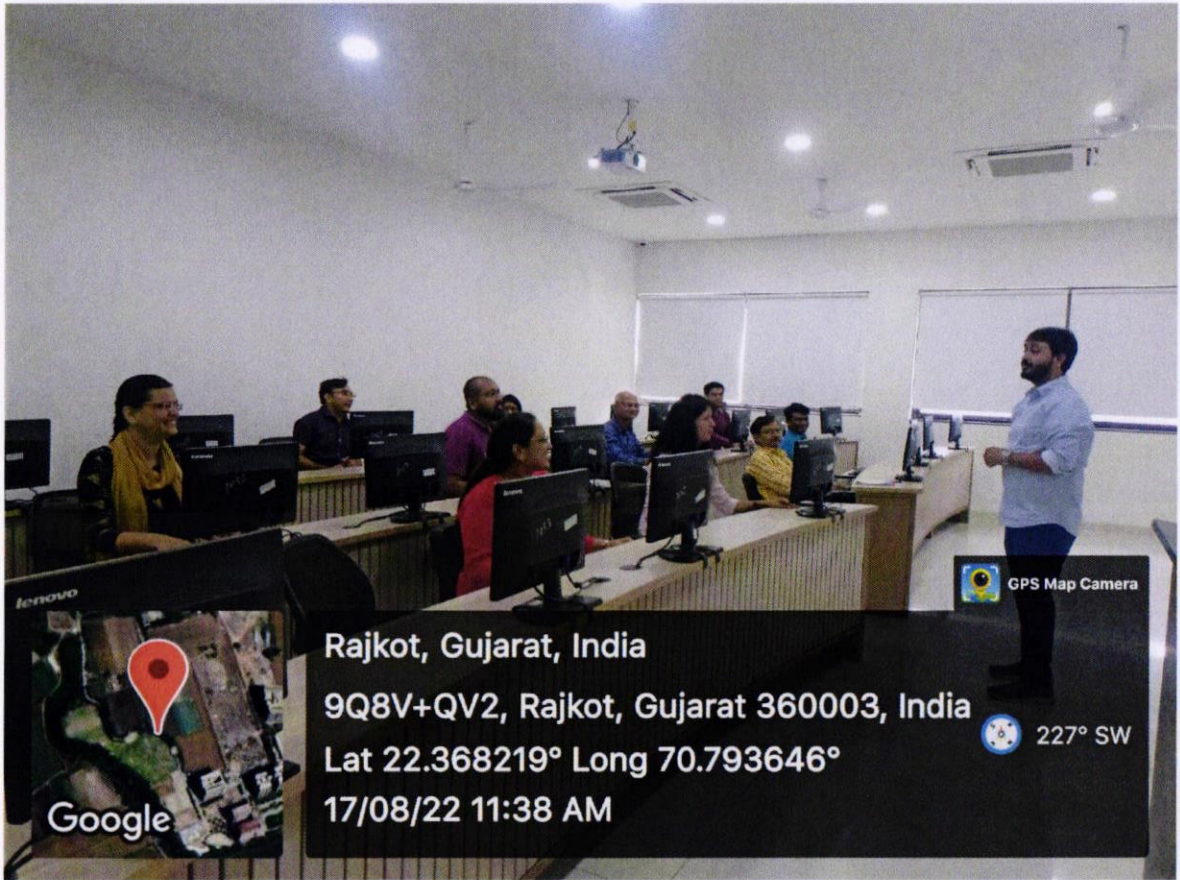
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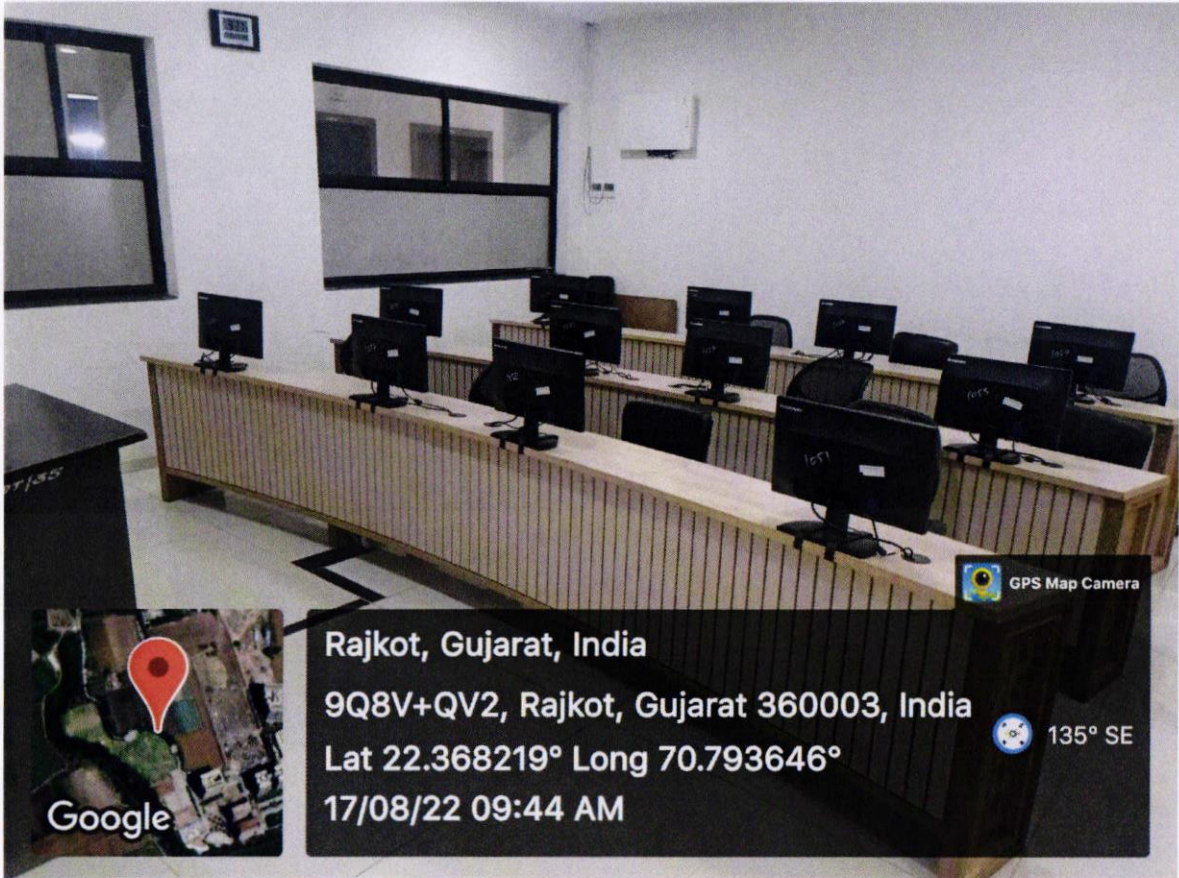




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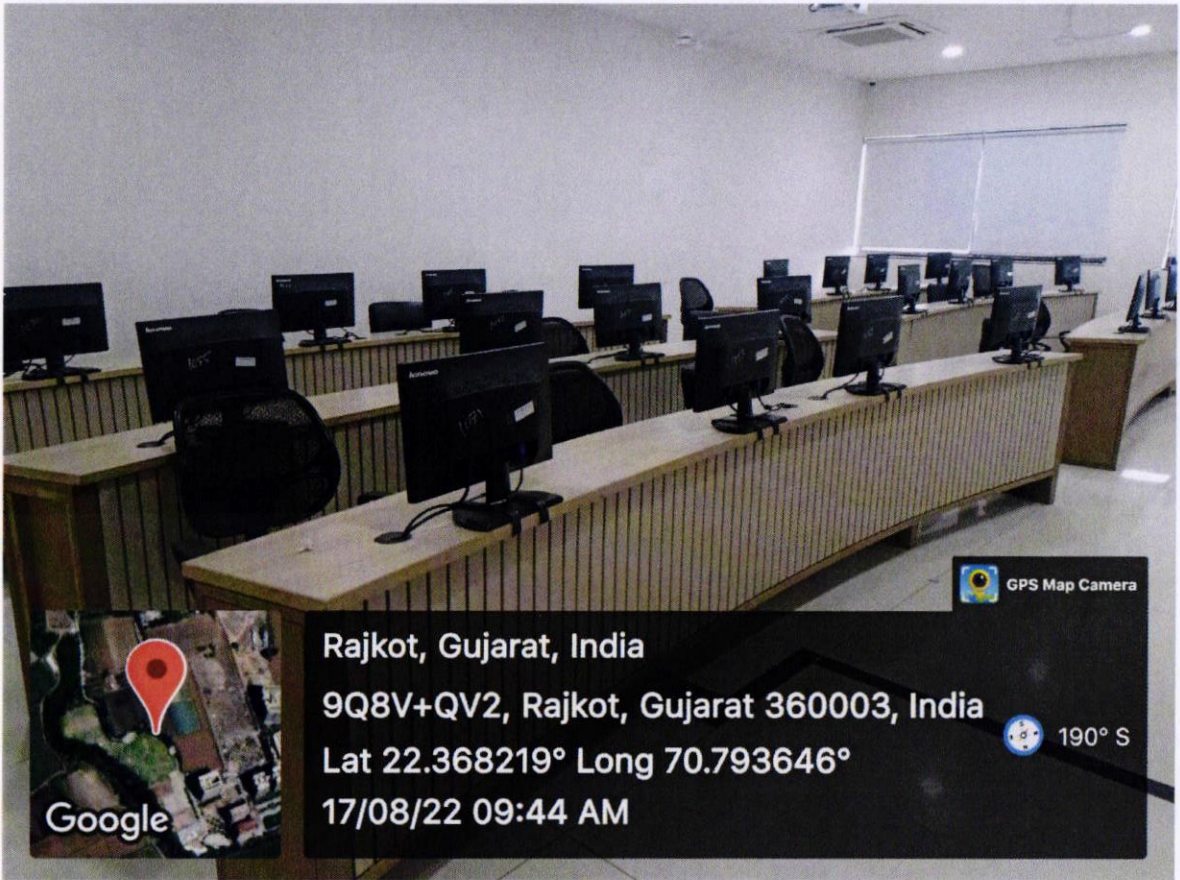


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For aspiring entrepreneurs or potential employees, simulations and modern-day case study analyses are essential. Faculty of Management Studies, Marwadi University features a well-thought-out and well-equipped business lab that allows students to conduct mock sessions, group discussions, and other commerce and management-related activities, intending to provide a facilitator for students to address the challenges of the developing and highly competitive business world internationally. It also focuses on faculty development by organizing training sessions that will be helpful to get familiar with tools and techniques that can enhance the teaching experience in the classroom.

Activities:

- Mock Trading Sessions
- Access to Live broadcast of Business news channels
- Discussions on share market trends
- Screening of stock trading shows
- Sessions on Financial literacy
- Sessions on Family Business and Entrepreneurship
- Discussions on Current Business and Economic Issues
- Case Study Analysis
- Excel Workshops
- IT fillings for Faculty members
- GST workshops

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Moot Court Hall
Faculty of Law,
Marwadi University

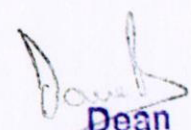
The Moot Court Hall inauguration session of Faculty of Law, Marwadi University was organized on 16th April - 2021 by honourable justice Shri P.P. Bhatt along with the 1st virtual Moot Court Competition. Moot court is one of the most exciting activities for law students. The proceedings in a moot court mirror real-life court proceeding. The purpose of the activity is to help law students understand how real courts work and their proper code of conduct, the importance of dress code and the use of formal language. Mooting is a great way to develop one's confidence, speaking, writing skills and research acumen. Participating in moot courts is not just great for budding advocates but also for future Judges and arbitrators! Most universities hold inter-college or intra college mooting sessions which gives students a chance to network and work with their future competition! Keep reading to learn more about moot courts and how they work.

A moot court is a replica of real court proceedings. The purpose of moot court competitions is to make students aware of the court proceedings related to disputes between parties. These competitions are organised mostly in law schools for students who wish to pursue their careers as Lawyers, Judges and Arbitrators. This practice helps in the development of legal skills, research acumen and speaking skills. The process of mooting is not the same as public speaking or debating, moot courts are more interactive in nature and there is cross-questioning.

Moot courts have two teams- Defendants and Respondents. The mooting presents a hypothetical case and both teams are required to research it and represent their arguments. The mooting culture began in India in 1981 and since then has been used as a tool of persuasive advocacy to train the future generation of lawyers.


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Marwadi University
Rajkot




Importance of Moot Courts

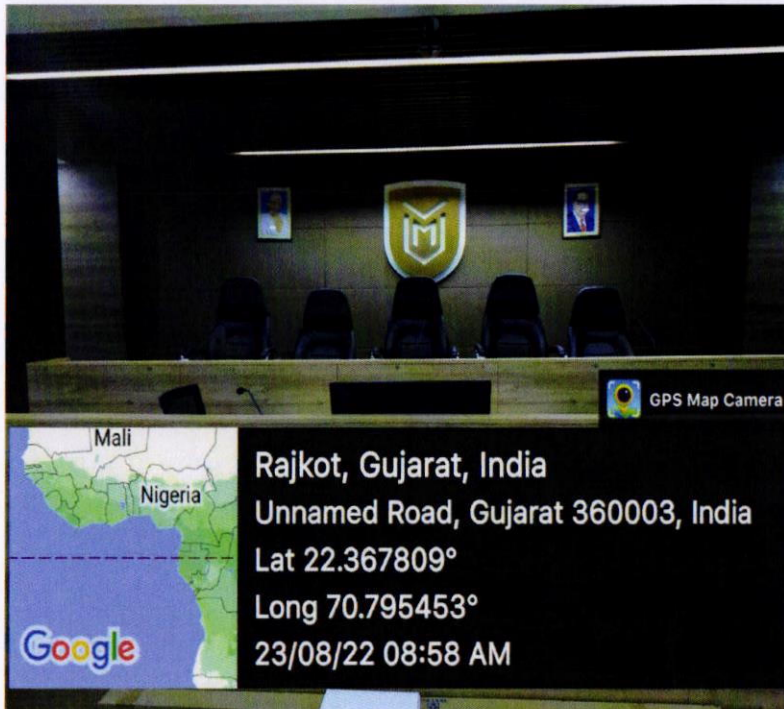
The practice of having moot courts is considered necessary because of multiple reasons. We have listed some of which below –

- It helps students to engage and understand legal issues
- It helps students analyze legal topics and work on its research
- Students learn to work in teams and learn from their teammates
- Students can demonstrate their advocacy skills and legal skills
- Students can improve their confidence and speaking skills
- Students can learn from your peers and develop your debating skills
- Mooting is intellectually rewarding and stimulating for budding lawyers


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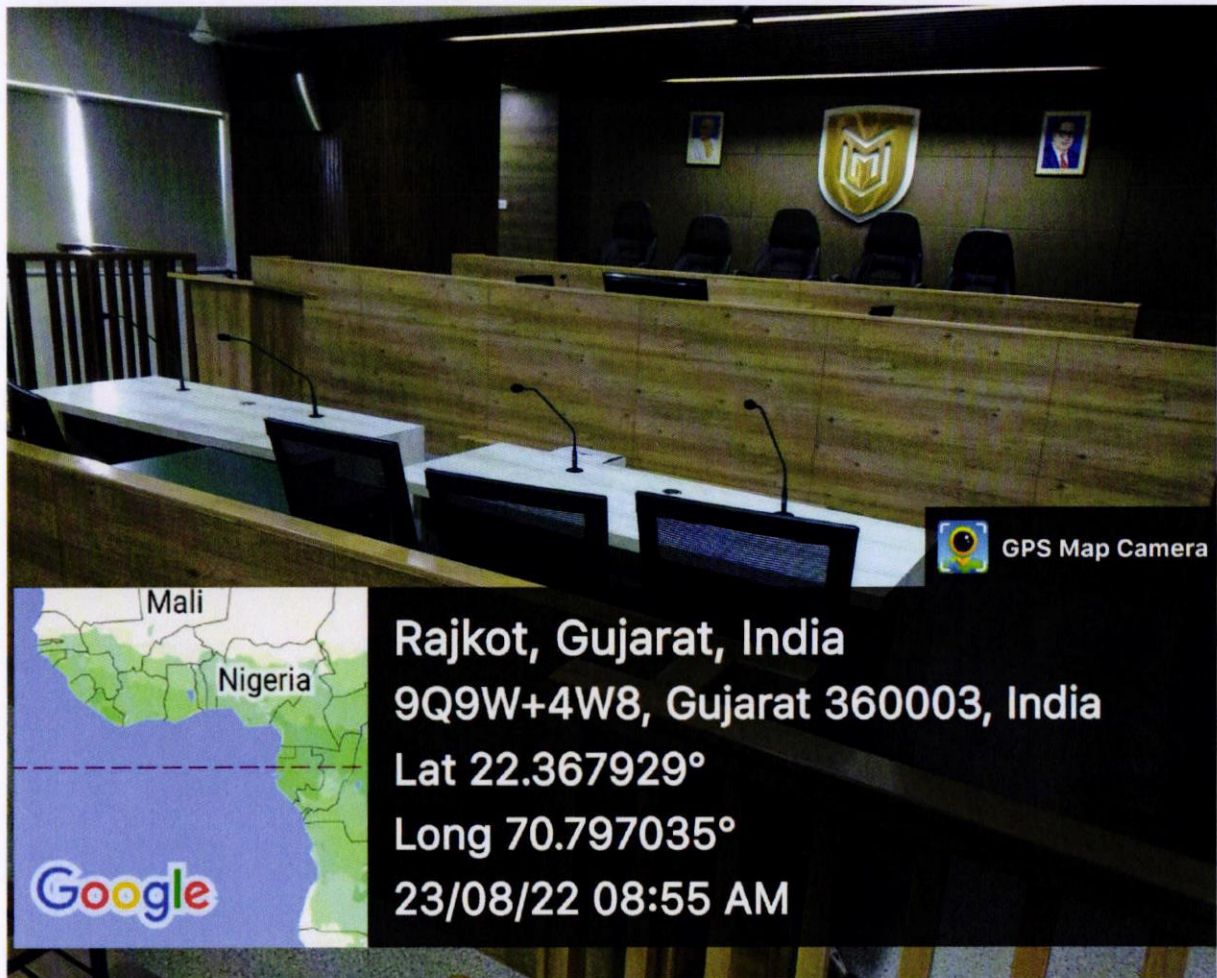



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Marwadi University
Rajkot



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Marwadi University




Report On Auditorium Facility at Marwadi University.

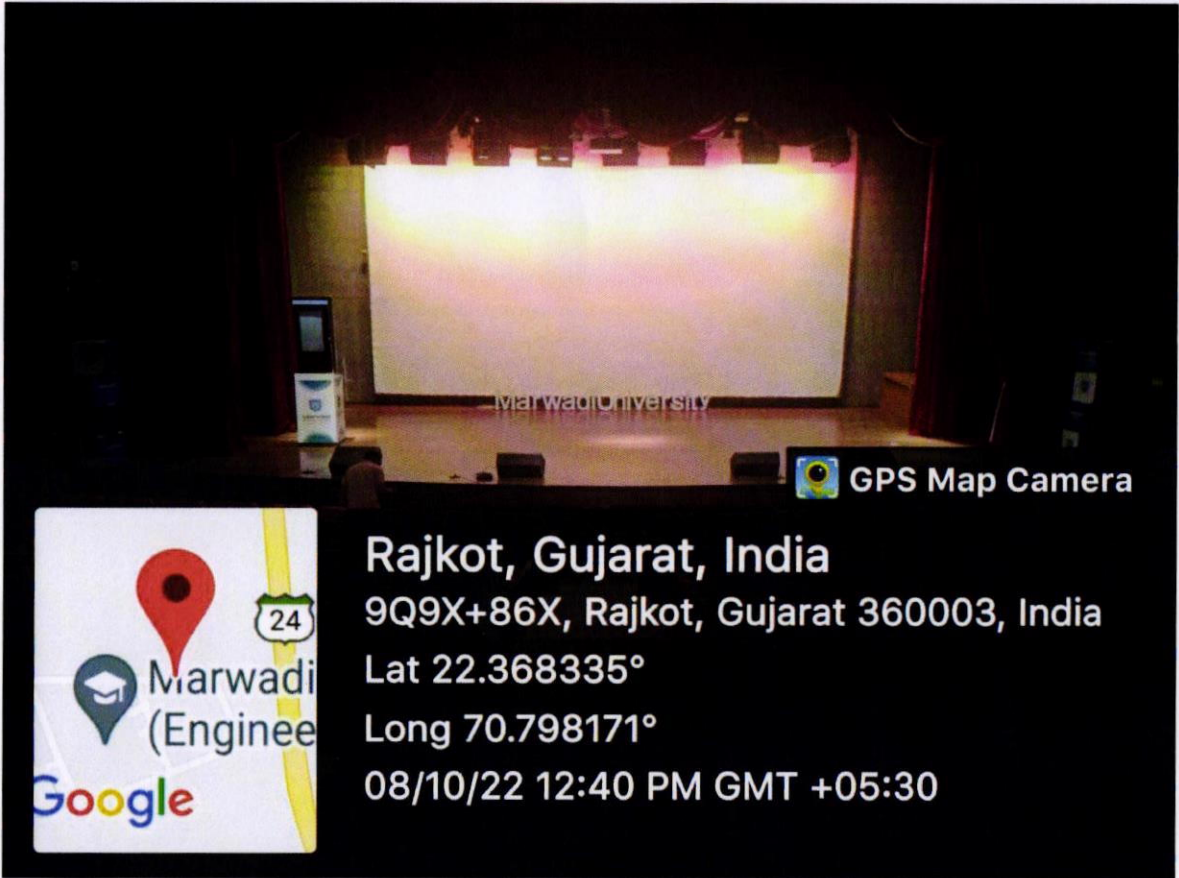
With a View to organize Technical and Non-Technical Events for the students and for the whole University, a High tech auditorium Has Been built at the campus, with a Capacity of 856 seats.

This is the place where university organizes Technical and Non-Technical events, which includes seminars, Cultural Programmes , Expert talks as well as all the sessions based on the requirement of the University .This Auditorium is equipped with High tech , Lighting and sound system which is been used for all the programmes .

The Teaching and the non-teaching staff members uses this auditorium for all the event purposes throughout the year according to their Requirements.

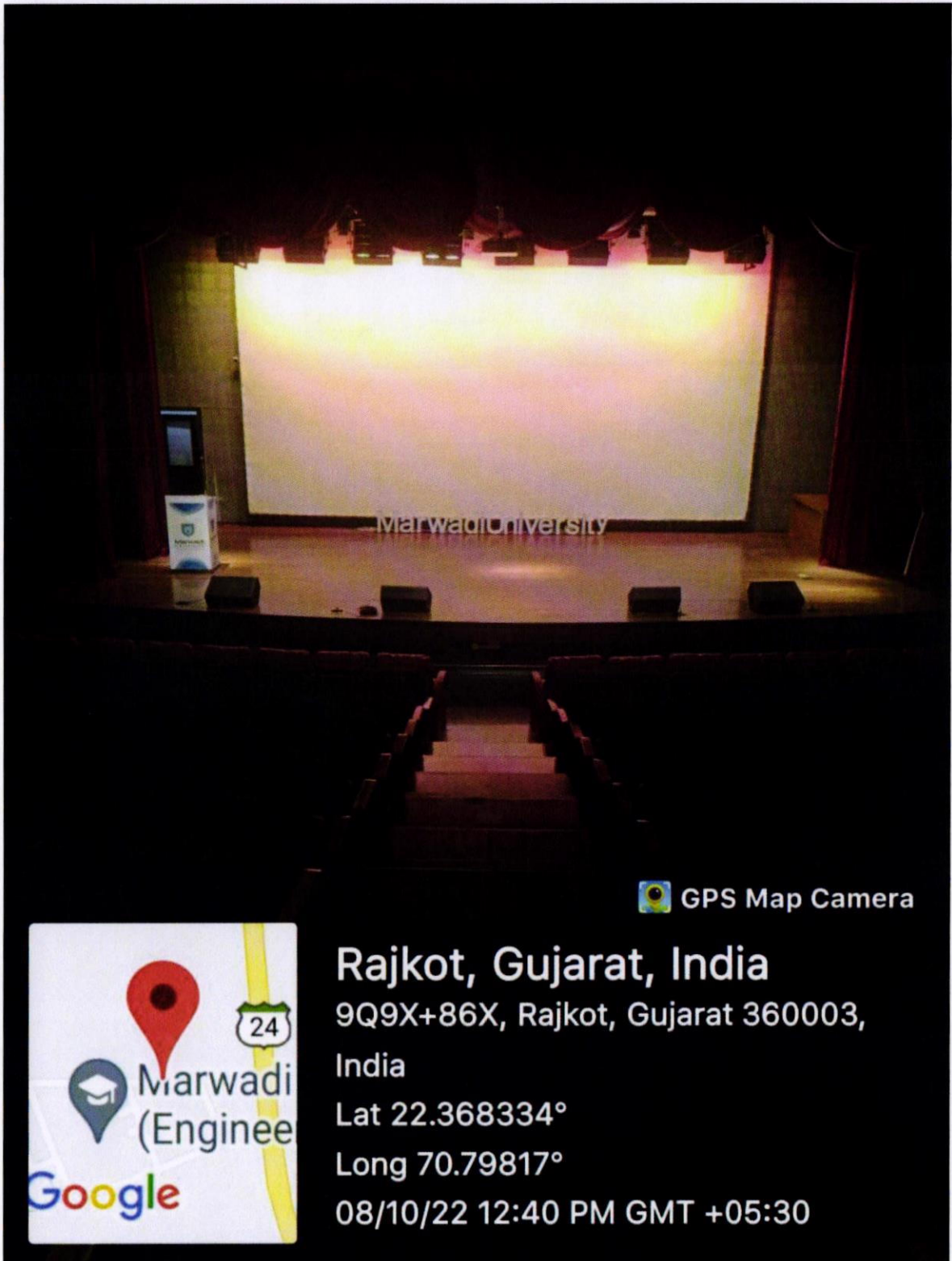

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




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Marwadi University





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Rajkot, Gujarat, India

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India

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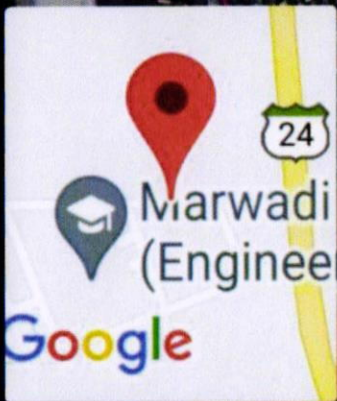
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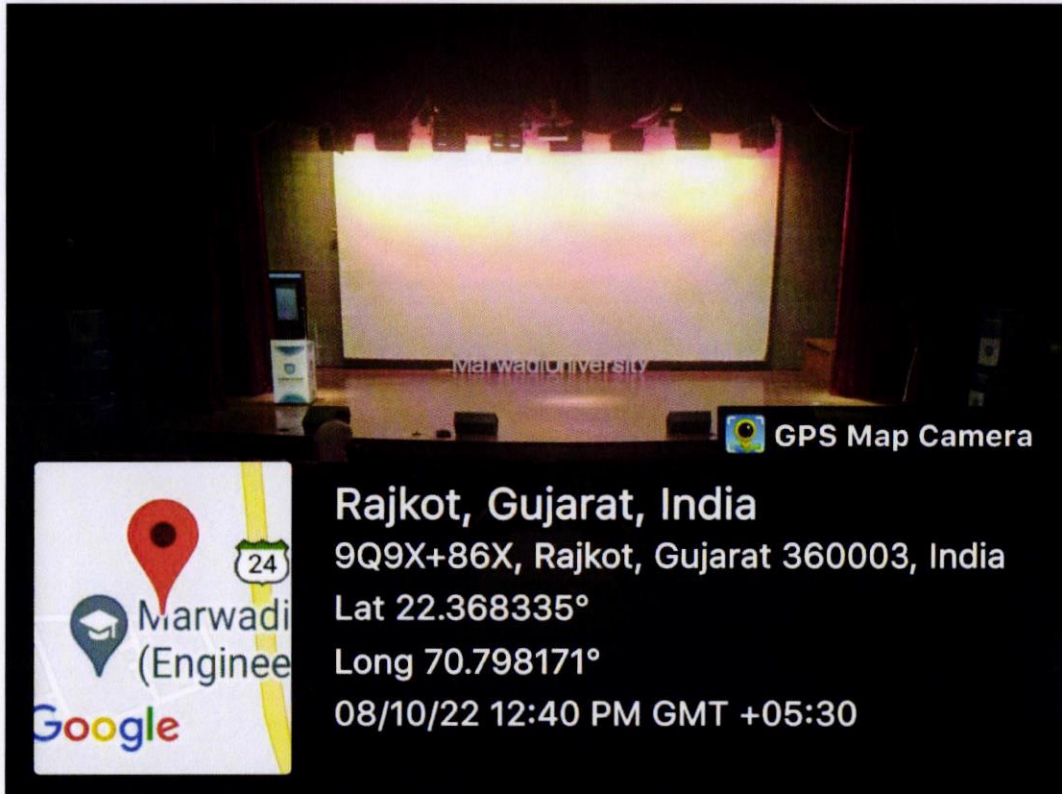
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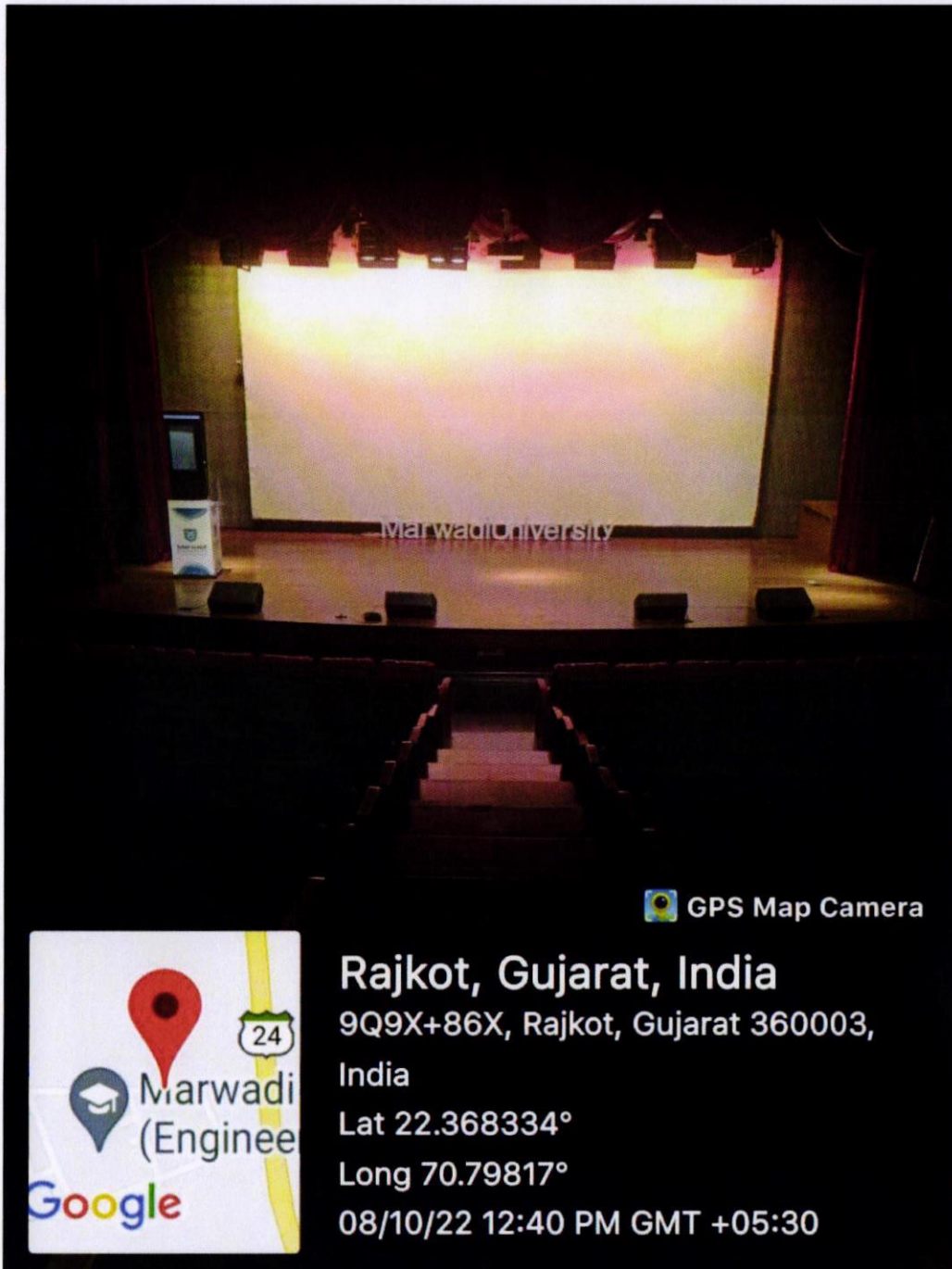
Auditorium Theater

Geotag Photos



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Rajkot, Gujarat, India

9Q9X+86X, Rajkot, Gujarat 360003,
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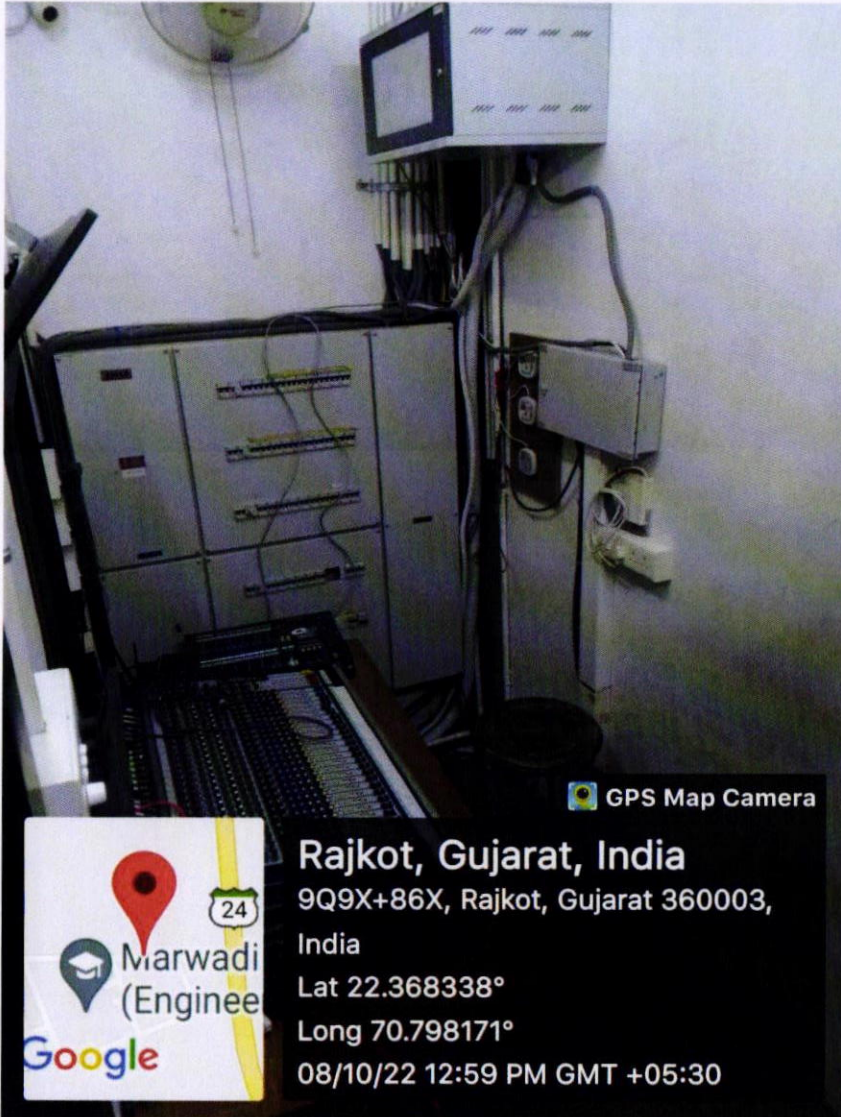
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Research/Statistical Databases



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National Digital Libraries
Swayam Portal details
Raman Research Repository
Shodhganga Repository

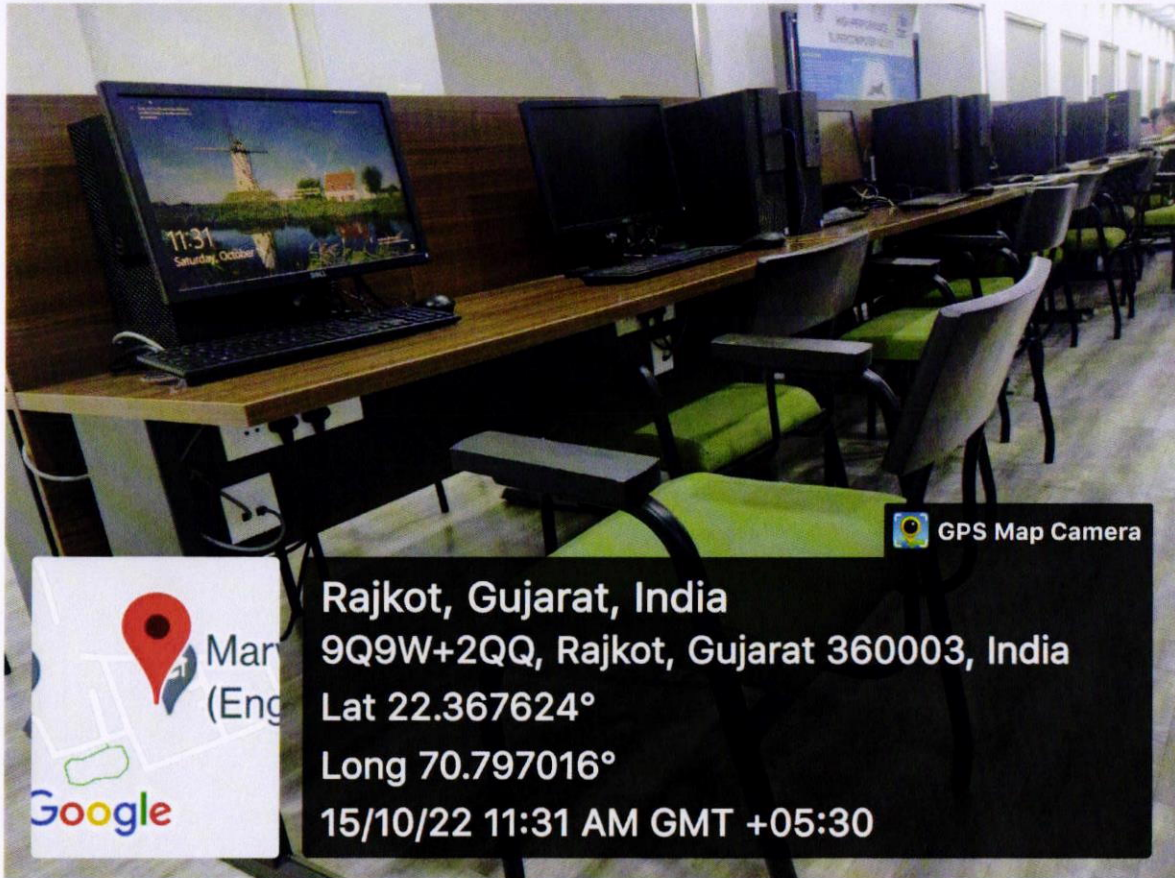
Details Access Library Web portal: <http://library.marwadieducation.edu.in/>


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Research/Statistical Databases

Geotagged Photographs



mpd
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9Q9W+2QQ, Rajkot, Gujarat 360003, India
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Science Gallery

Faculty of Science, Marwadi University in association with Indian Association of Physics Teacher (IAPT) established INNOVATION HUB: The Science Gallery at the ground floor of A Wings (MA 013) of the university premises.

The main objective in establishing Science Gallery is to enhance the creativity and skill in the education of basic science and engineering among the students. Presence of this kind of gallery is very much essential part of a quality education where the students can get a feel that how the great scientific innovations might have evolved through small efforts of the beginner.

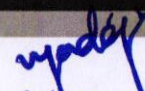
The Science gallery covers total 30 demonstration/experimental models, which have been set as practical concepts of statistics, sound, optics, magnetism, waves, stellar space and technological combination. These models and experiments is an excellent exercise for the students in their active learning and understanding of the subject.

As per the suggestion of new education policy (NEP), we need to have more emphasis on the vocational training. This Science gallery can very well be used as a training centre for learning to design and fabricate small models through commonly available materials and components. Science gallery is an independent place of learning, inspiration, motivation, recreation, discussion, observation, information, imagination and thinking beyond the boundary.

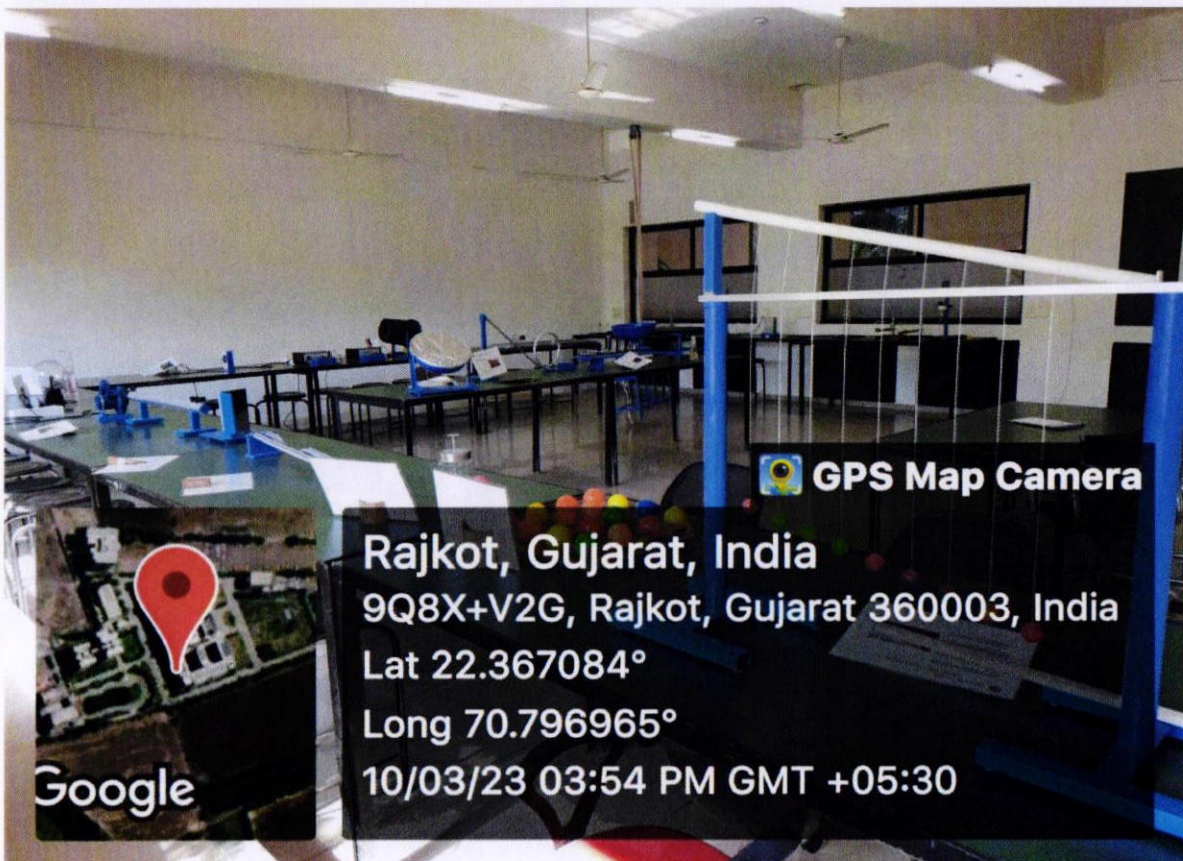
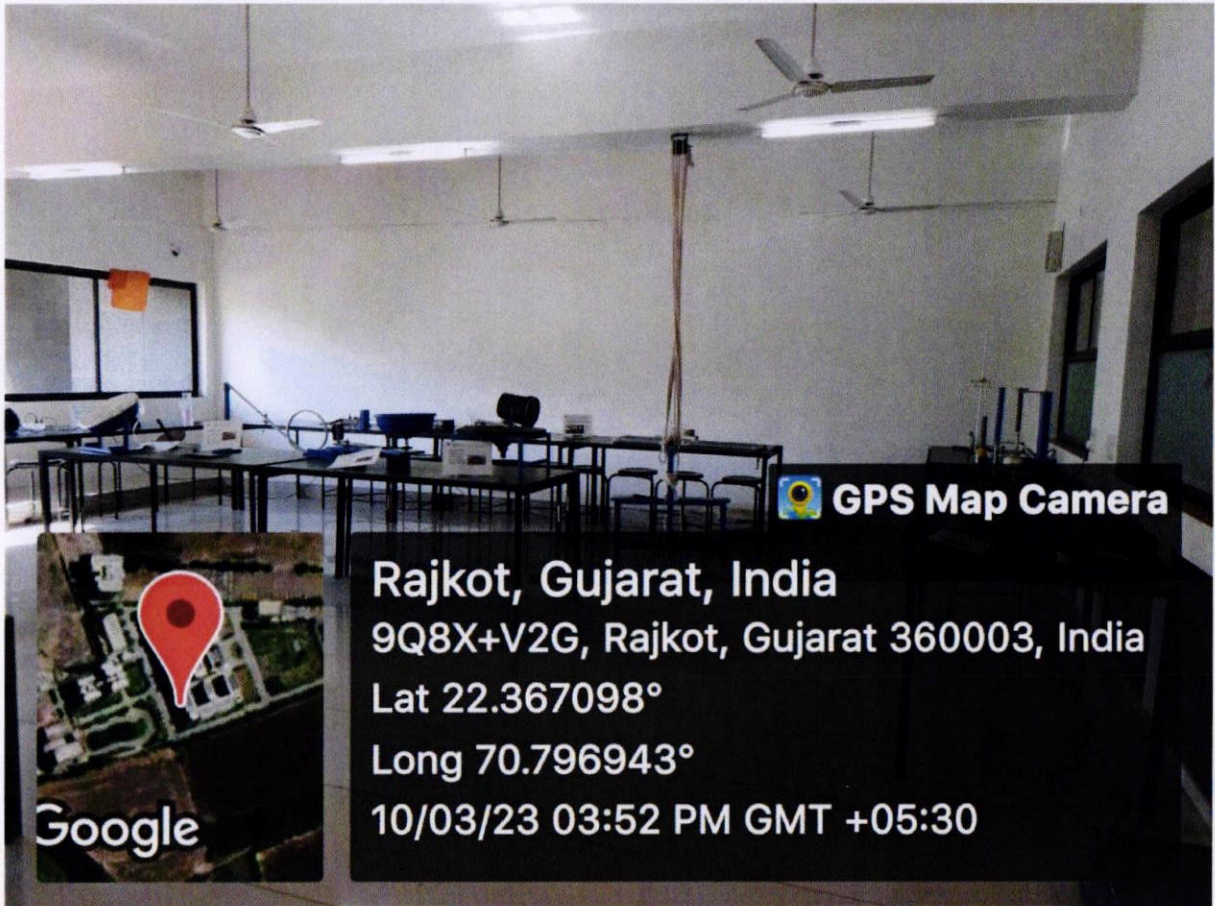

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