



Kopergaon Taluka Education Society's

## K. J. Somaiya Arts, Commerce and Science College, Kopergaon

### CRITERION- 4: INFRASTRUCTURE AND LEARNING RESOURCES

#### Key Indicator - 4.1 Physical Facilities

- 4.1.1 QIM: The Institute has adequate infrastructure and other facilities for,
- teaching – learning, viz., classrooms, laboratories, computing equipment etc.
  - ICT- enabled facilities such as smart class, LMS etc.
- Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc.

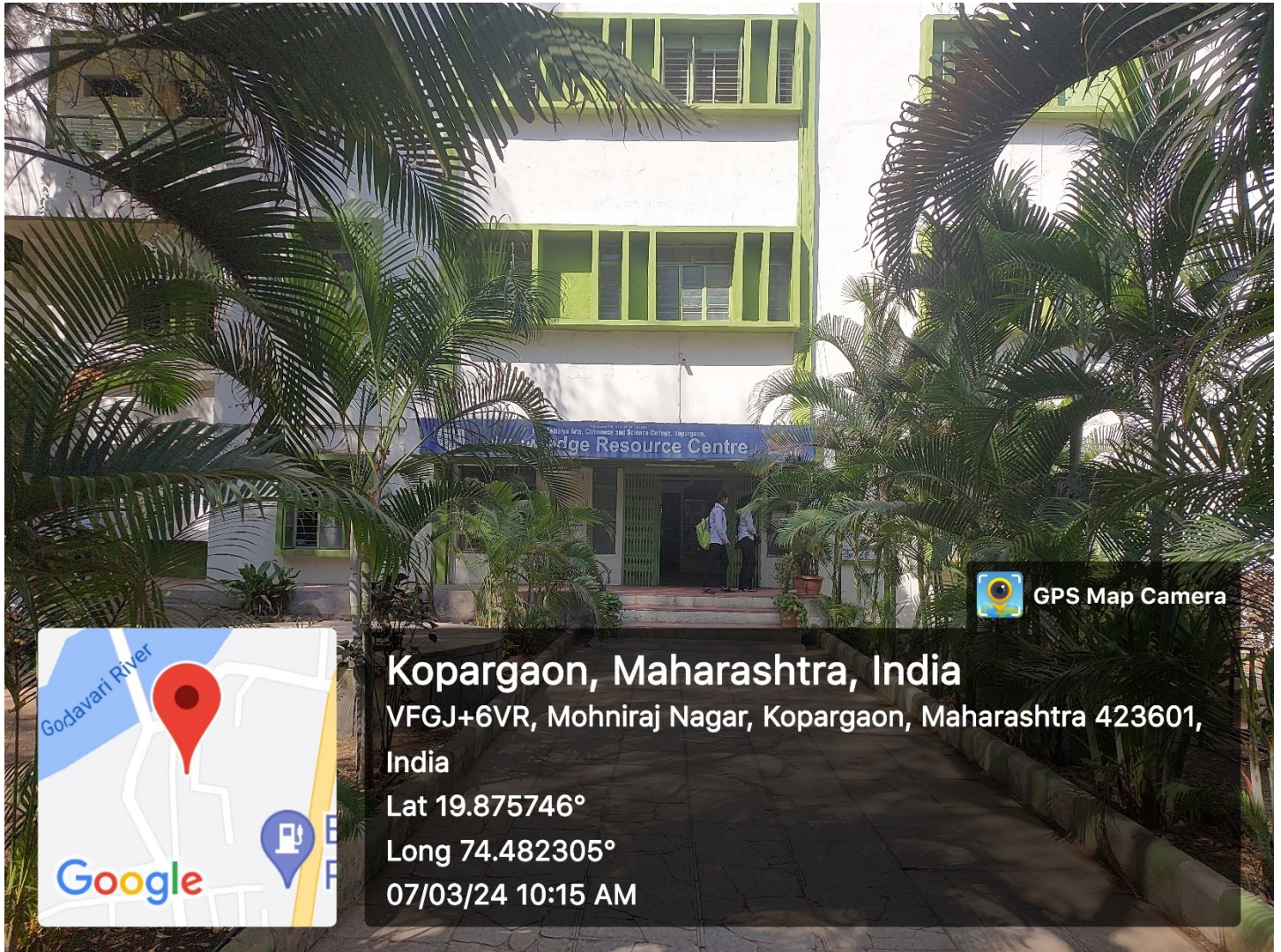
## Photographs of Infrastructure and Physical Facilities

## Photographs of Building Blocks:



**Main Building**





## Kopargaon, Maharashtra, India

VFGJ+6VR, Mohniraj Nagar, Kopargaon, Maharashtra 423601,  
India

Lat 19.875746°

Long 74.482305°

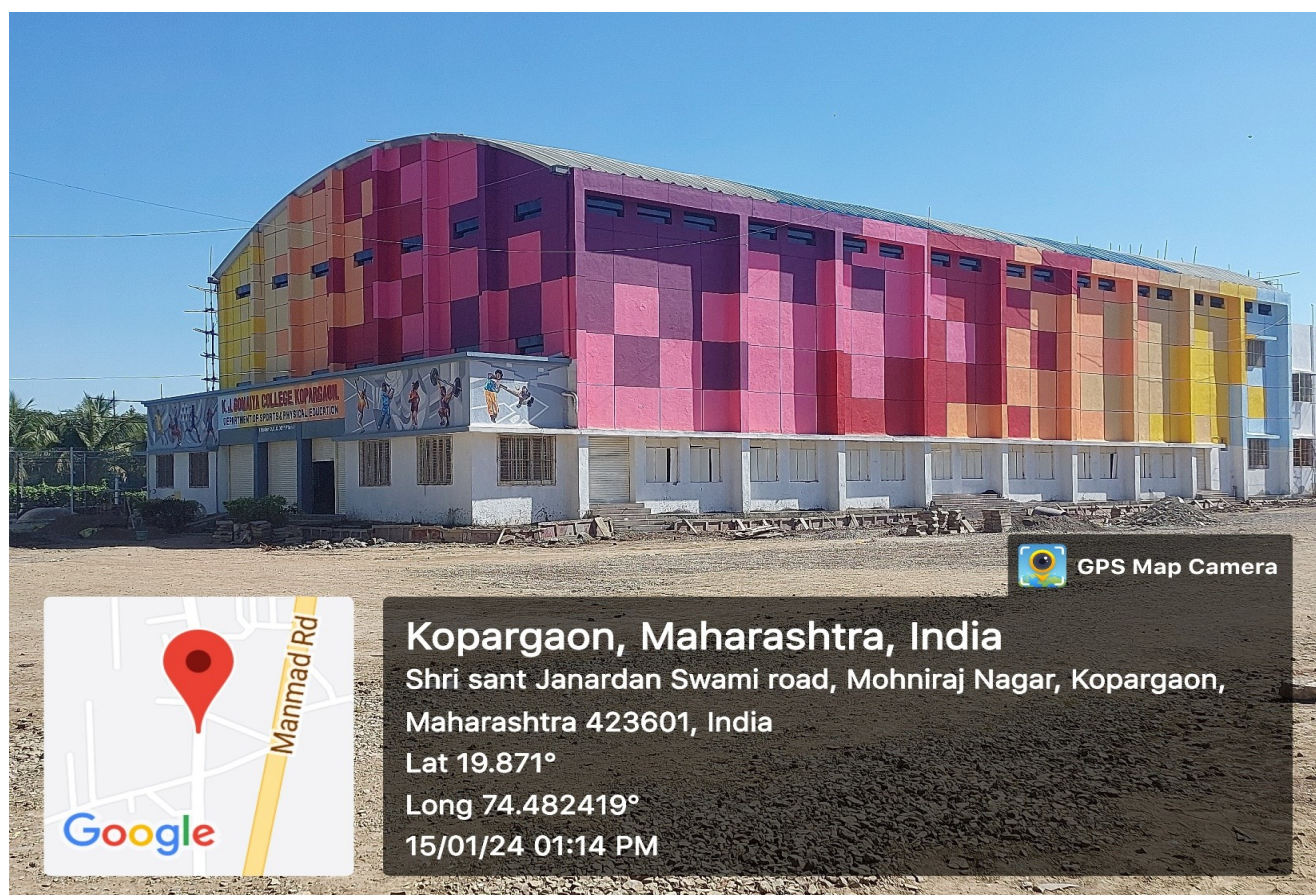
07/03/24 10:15 AM

**Library**





**Indoor Game Hall (In Old Colour)**



**Indoor Game Hall (Recolored)**





**Old Science Building**



**Padma Bhushan Karamshibhai Somaiya Science & Technology  
Bhavan**





**Padma Bhushan Karamshibhai Somaiya Science & Technology  
Bhavan (Extension)**



**Space Observation Centre**





**Student Help Centre**





**Somaiya College Co-operative Consumer Society Ltd., Kopergaon**



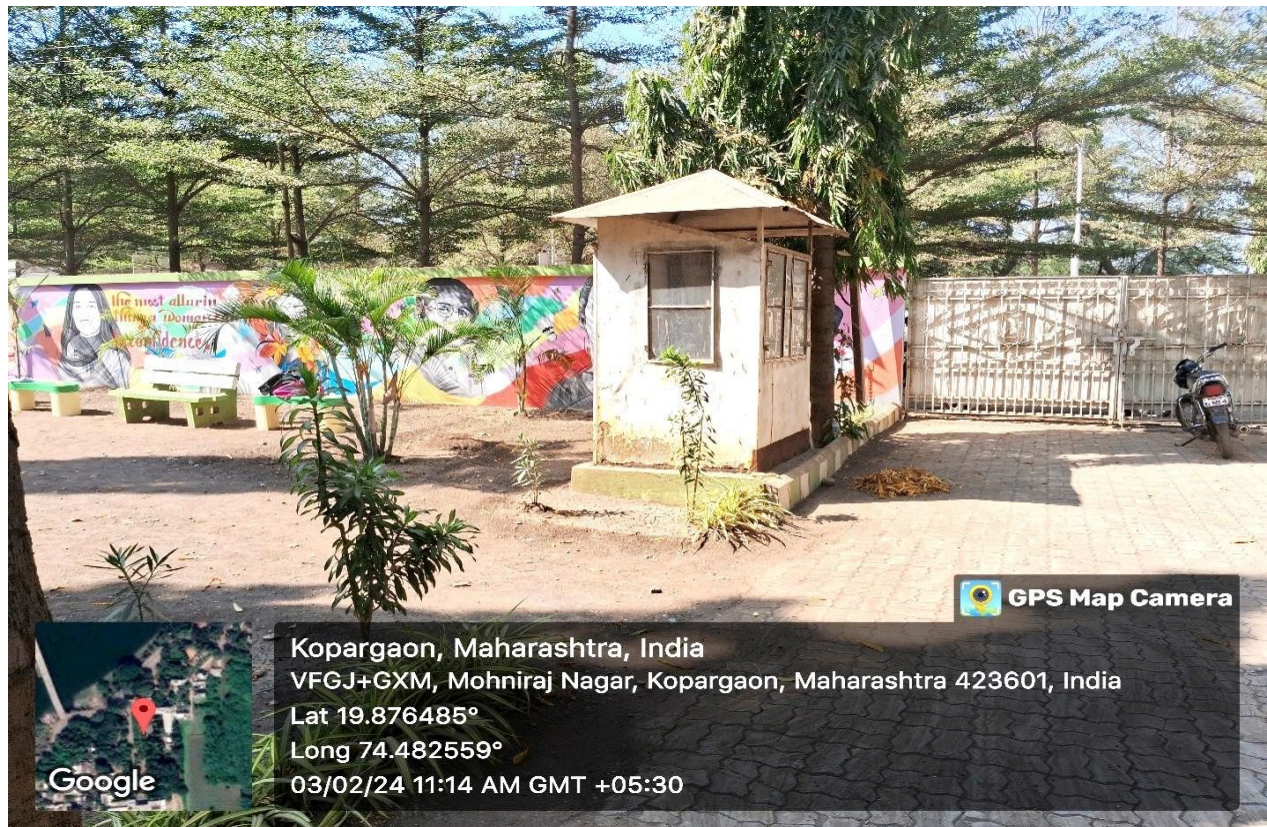


## Open Gym in Girls Hostel Premises



## Girls Hostel



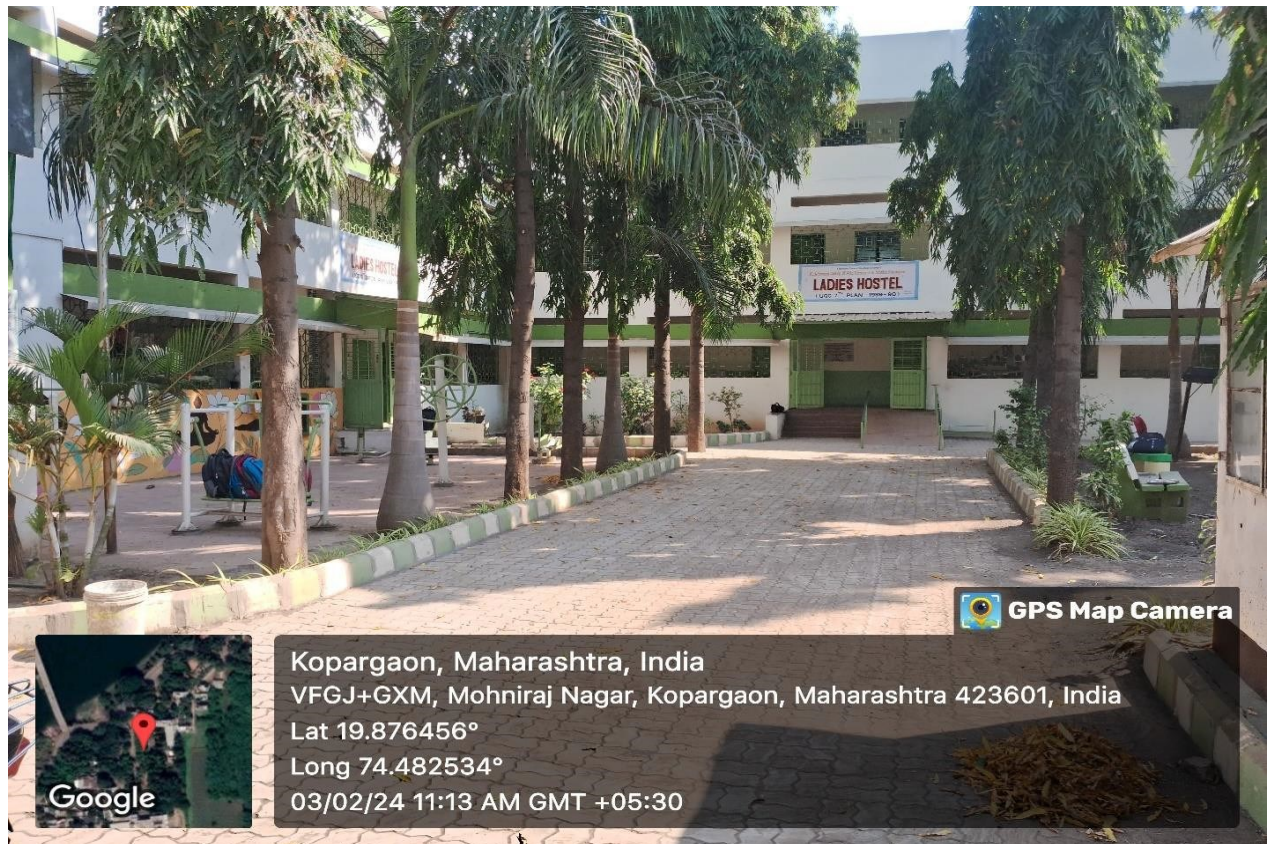


**Security Room at Girls Hostel**



**Garden in Girls hostel**





Kopargaon, Maharashtra, India  
VFGJ+GXM, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.876456°  
Long 74.482534°  
03/02/24 11:13 AM GMT +05:30

**Front view of Girls Hostel**





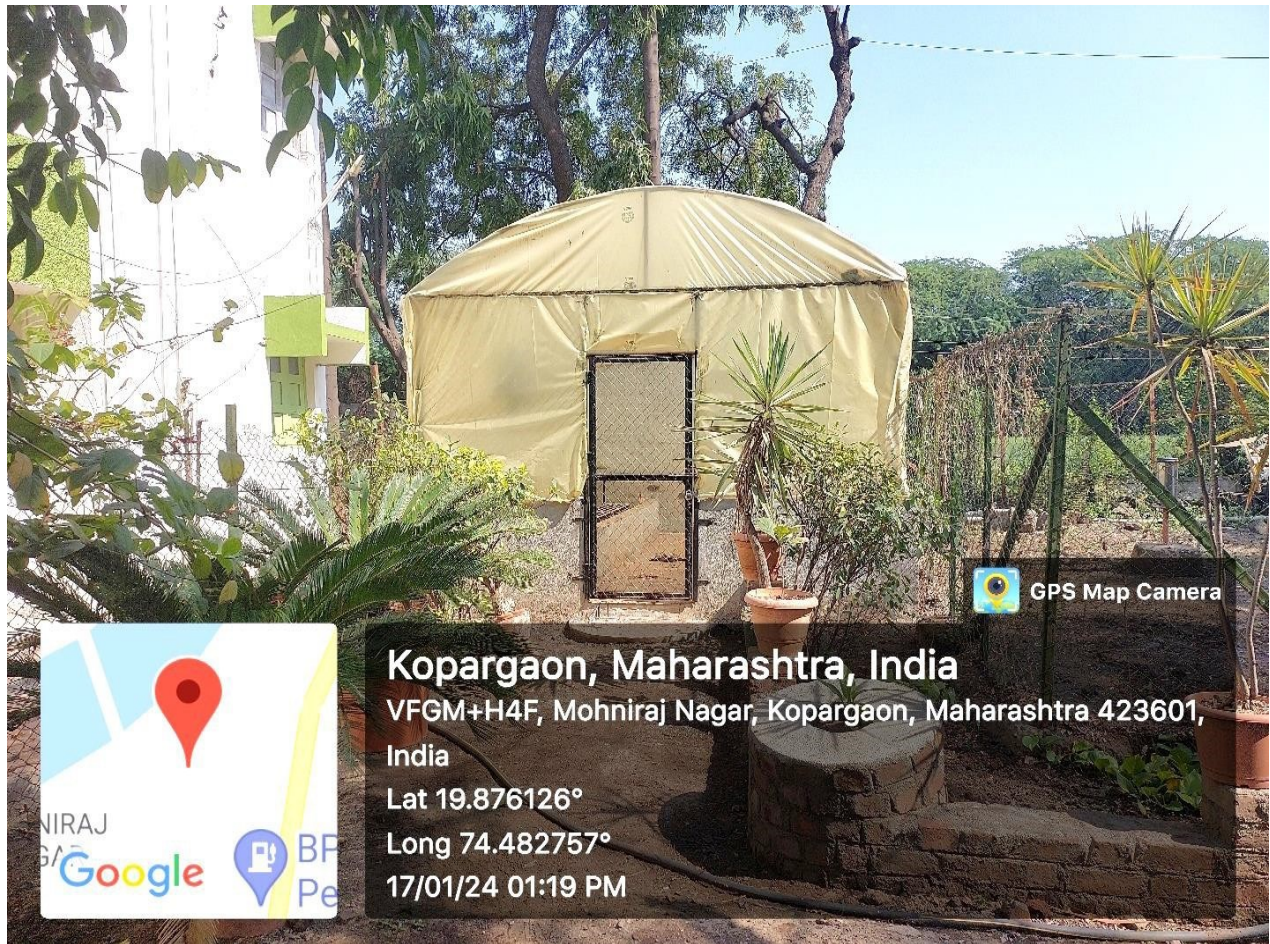
**Girls Hostel Building**





**Boys Hostel Building**





**Cactus Garden**





Kopargaon, Maharashtra, India  
VFGM+H4F, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.876453°  
Long 74.482679°  
03/02/24 11:22 AM GMT +05:30

**Principal's Bungalow in College Campus**





**Flag Pole**



**Late K. B. Rohamare and Late K. J. Somaiya Statues (Institute Founders)**



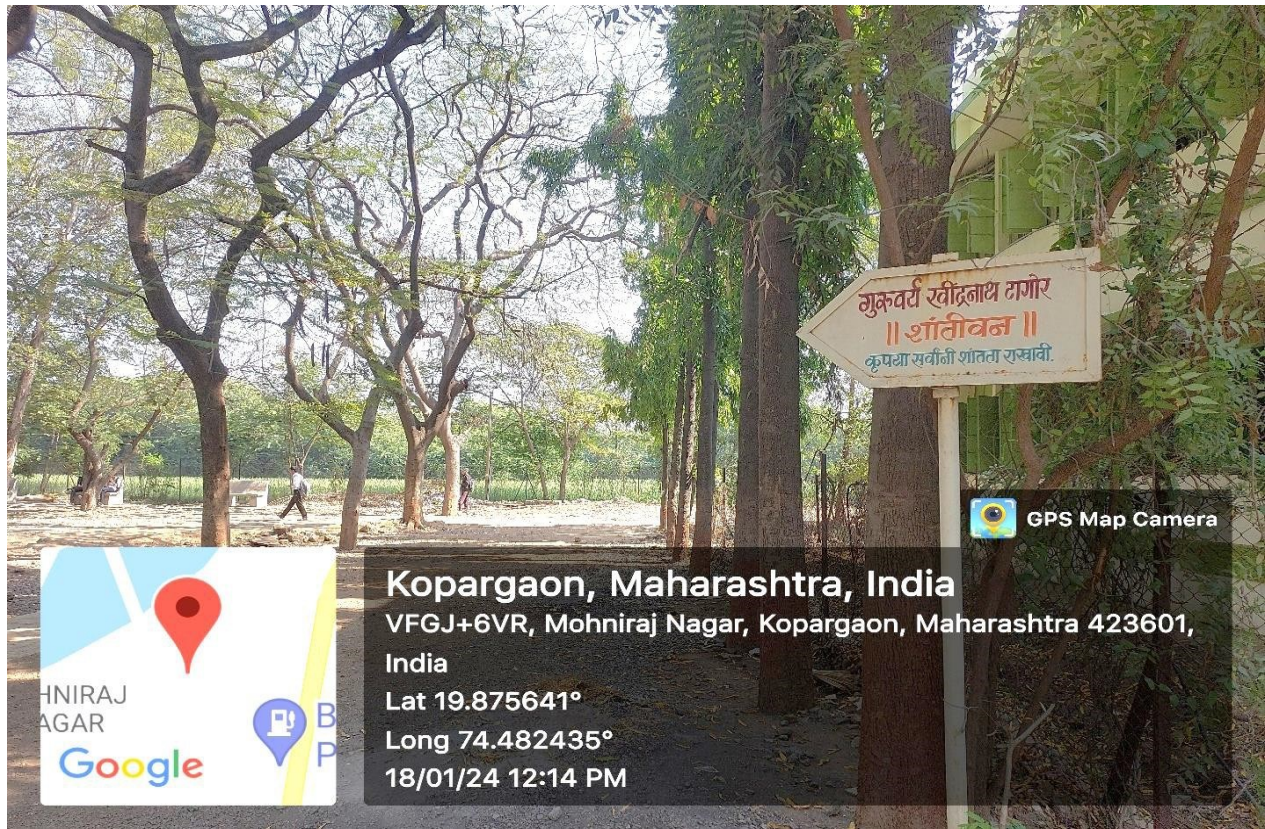


**RO Drinking Water Unit for students**



**Waiting Area for Girls**





**Guruvarya Ravindranath Tagore “Shantivan” Boys Waiting Area**





**Automatic Weather Station**



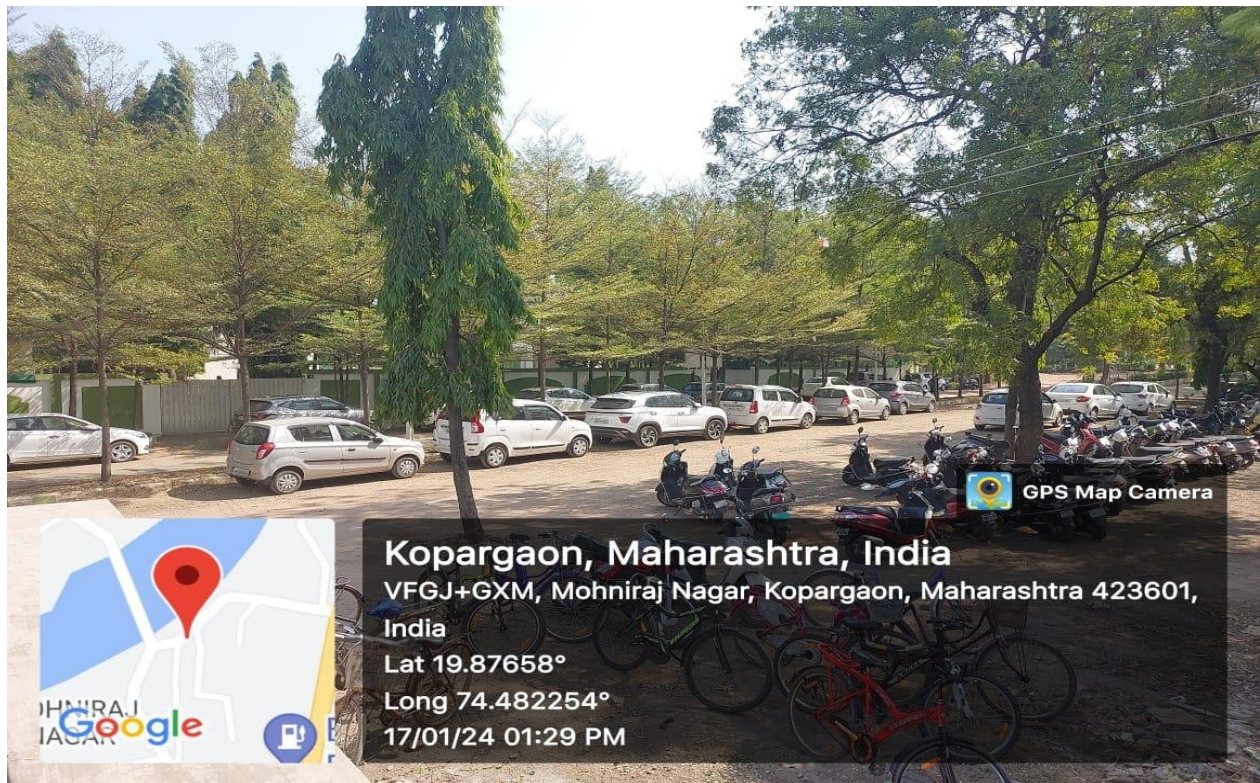


**Automatic Weather Station**





**Vehicle Parking**



**Vehicles Parking**





**Vehicle Parking**



**Vehicle Parking**





**Vehicle Parking**



**Reserved Parking**





**Notice Display Boards**



**Students Help desk**





**Main Gate of College**



**Cafeteria**



# ICT Photographs



**ICT Classroom cum Computer laboratory- S-47B**





 **GPS Map Camera**

Google

Kopargaon, Maharashtra, India  
VFFM+X45, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.874382°  
Long 74.48292°  
29/01/24 10:11 AM GMT +05:30

**ICT Classroom: S-6**






**ICT Classroom: S-13**





 **GPS Map Camera**



Google

Kopargaon, Maharashtra, India  
VFFM+X45, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.874382°  
Long 74.48292°  
29/01/24 09:53 AM GMT +05:30

**ICT Classroom: S-75**





 **GPS Map Camera**

Kopargaon, Maharashtra, India  
VFFM+X45, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.874382°  
Long 74.48292°  
29/01/24 09:32 AM GMT +05:30

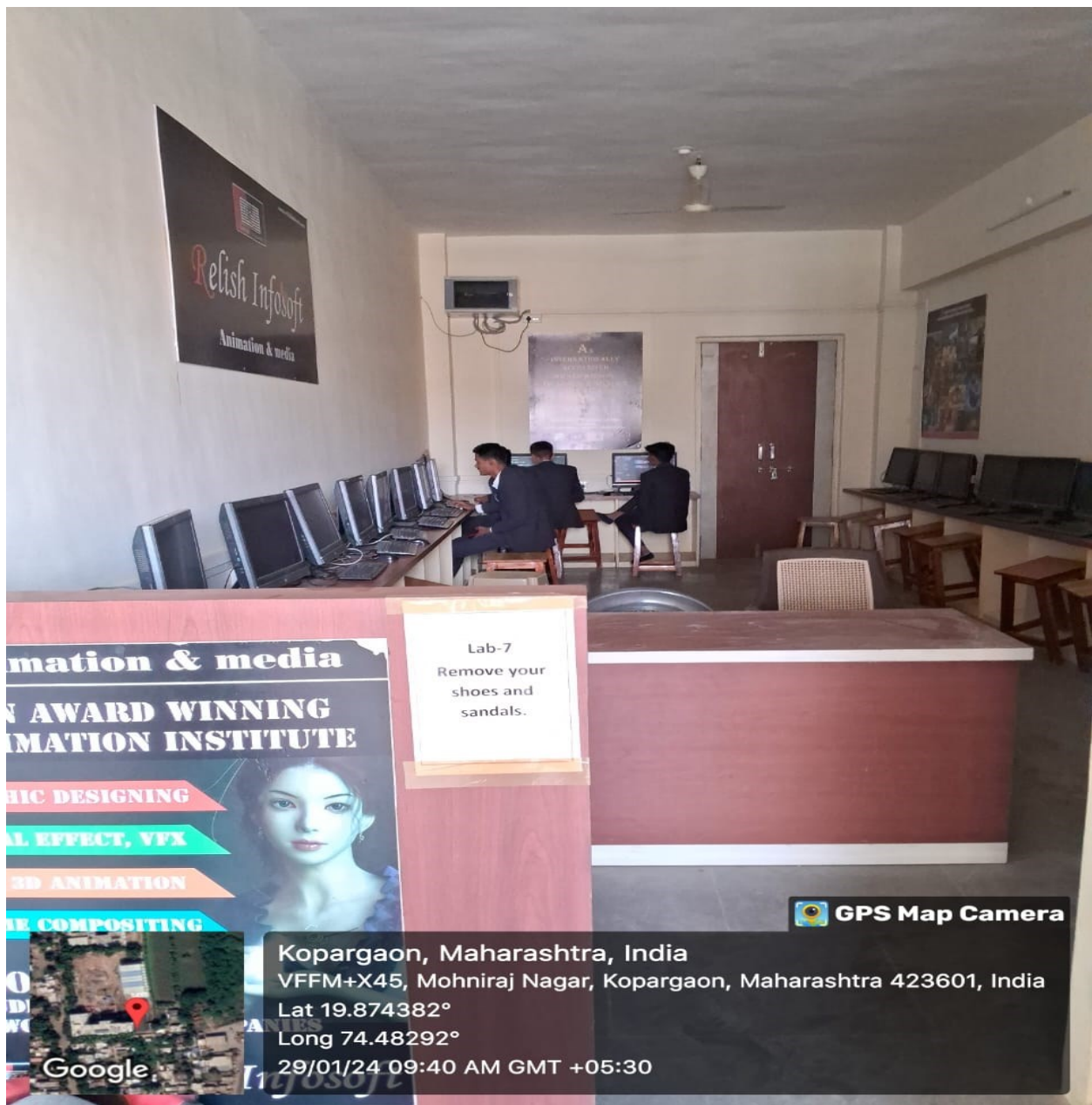
**BCA Sci. Computer Laboratory S51**





**Computer Laboratory (BCA Sci.) S-48**





**Computer Laboratory (BCA Sci.) S-47B**





**Language Laboratory: S- 31**



**Language Laboratory: S- 31**





**ICT Class Room: M- 16**





**ICT Classroom: S-27**





**ICT Classroom**





**GPS Map Camera**  
Kopergaon, Maharashtra, India  
VFFM+X45, Mohniraj Nagar, Kopergaon, Maharashtra 423601, India  
Lat 19.874382°  
Long 74.48292°  
29/01/24 09:57 AM GMT +05:30

**ICT Classroom: S-38**





**BCS Computer Laboratory S-52**





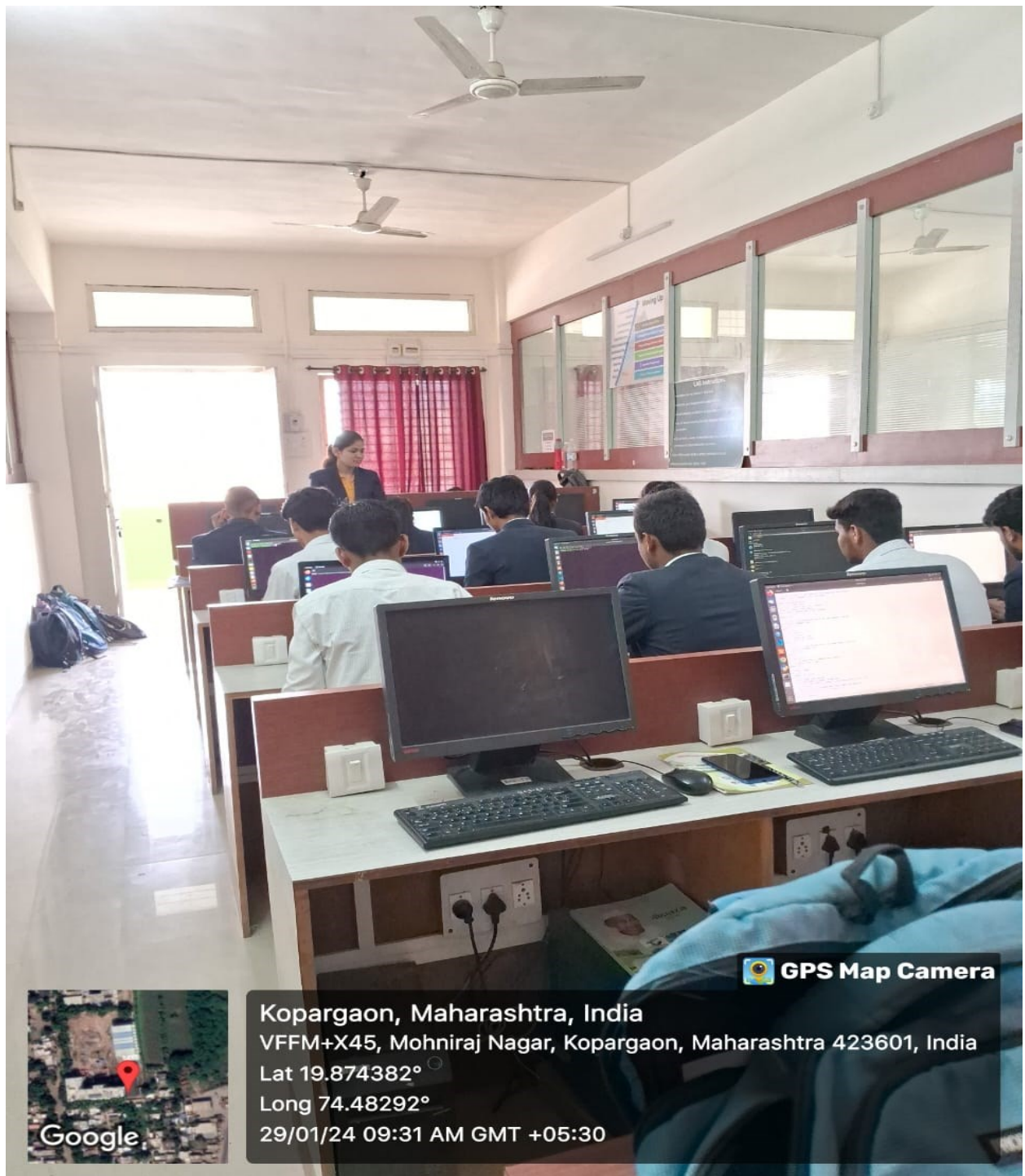
 **GPS Map Camera**



Kopargaon, Maharashtra, India  
VFFM+X45, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.874382°  
Long 74.48292°  
29/01/24 09:49 AM GMT +05:30

**ICT Classroom: S-46**





**GPS Map Camera**  
Kopargaon, Maharashtra, India  
VFFM+X45, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.874382°  
Long 74.48292°  
29/01/24 09:31 AM GMT +05:30

**BCS Computer Laboratory S-54**





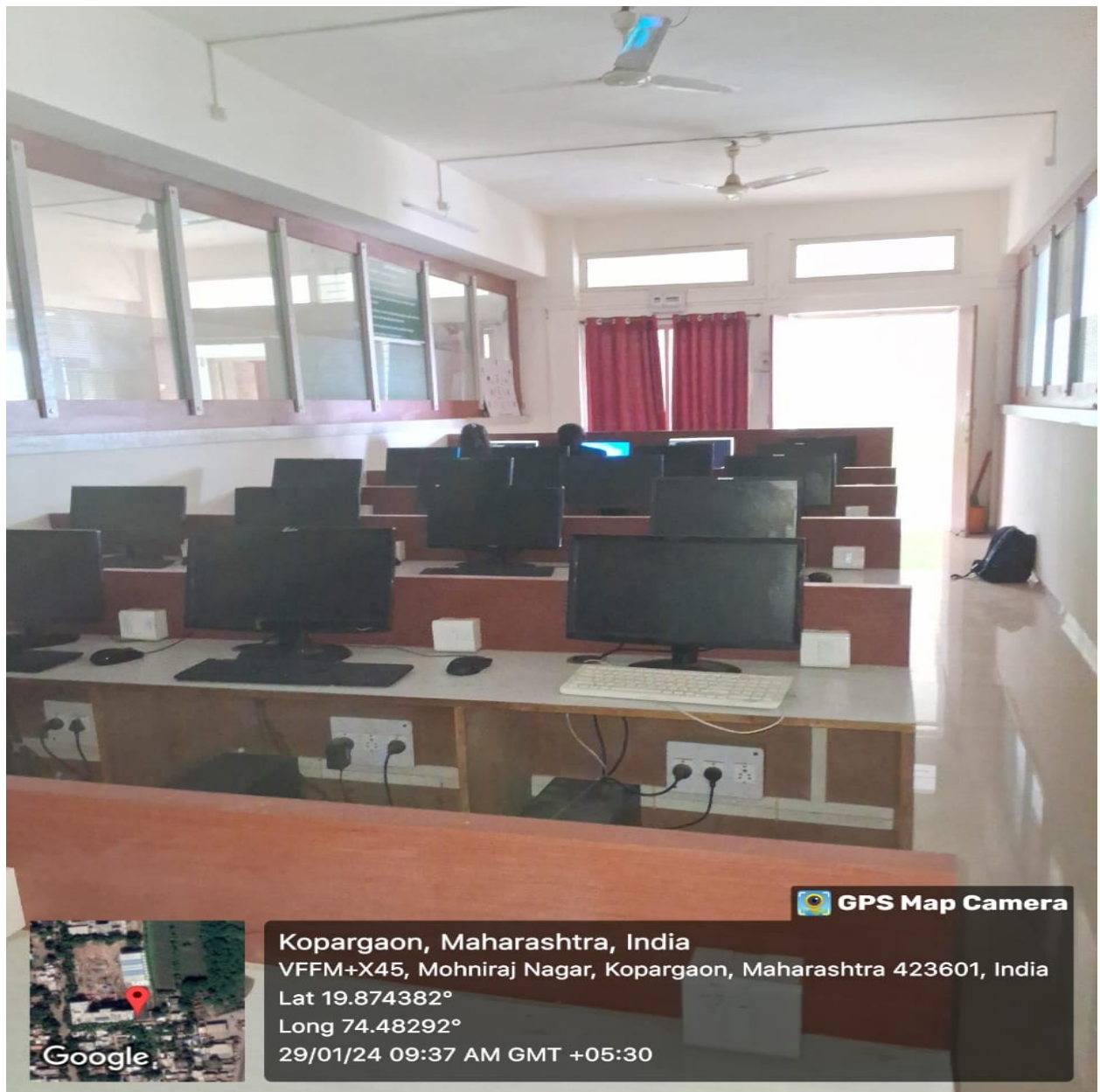
**ICT Classroom: S-11**





**BCS Computer Laboratory S-53**





**Computer Laboratory (BCA Sci.) S-50**





Kopargaon, Maharashtra, India  
VFFM+X45, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.874382°  
Long 74.48292°  
27/01/24 12:05 PM GMT +05:30

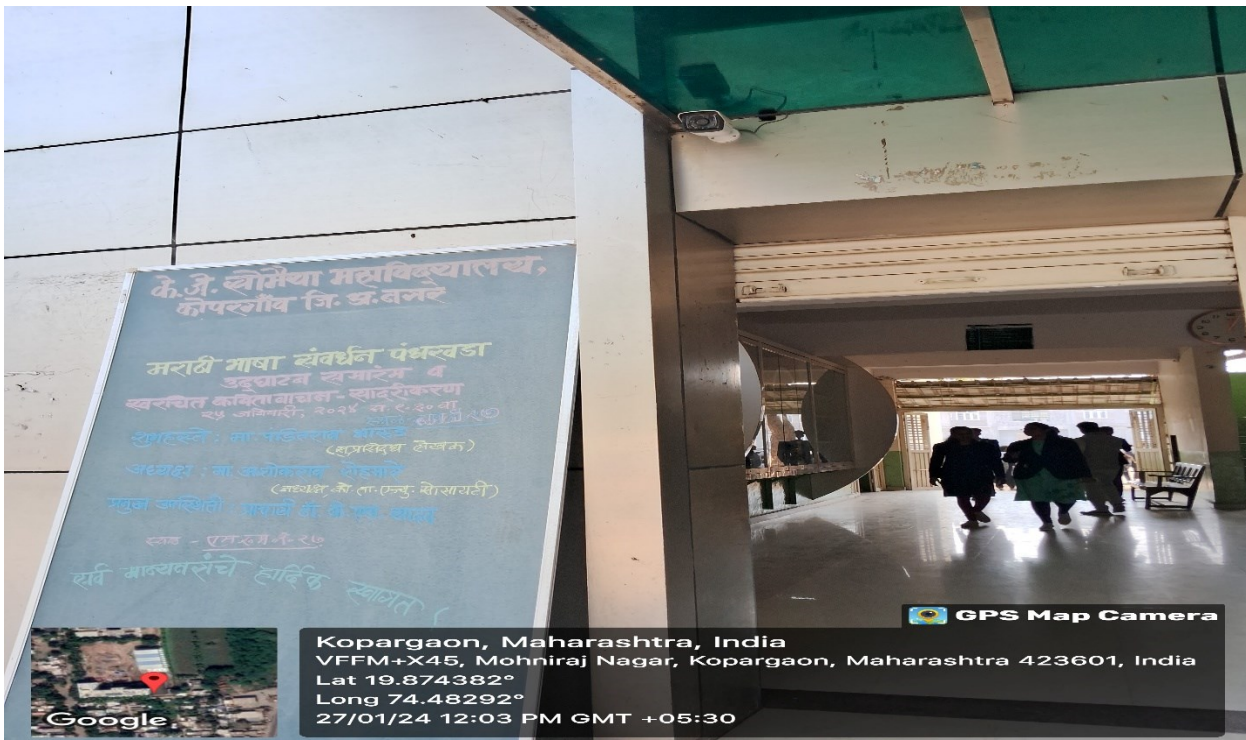
**Power Generator Set**





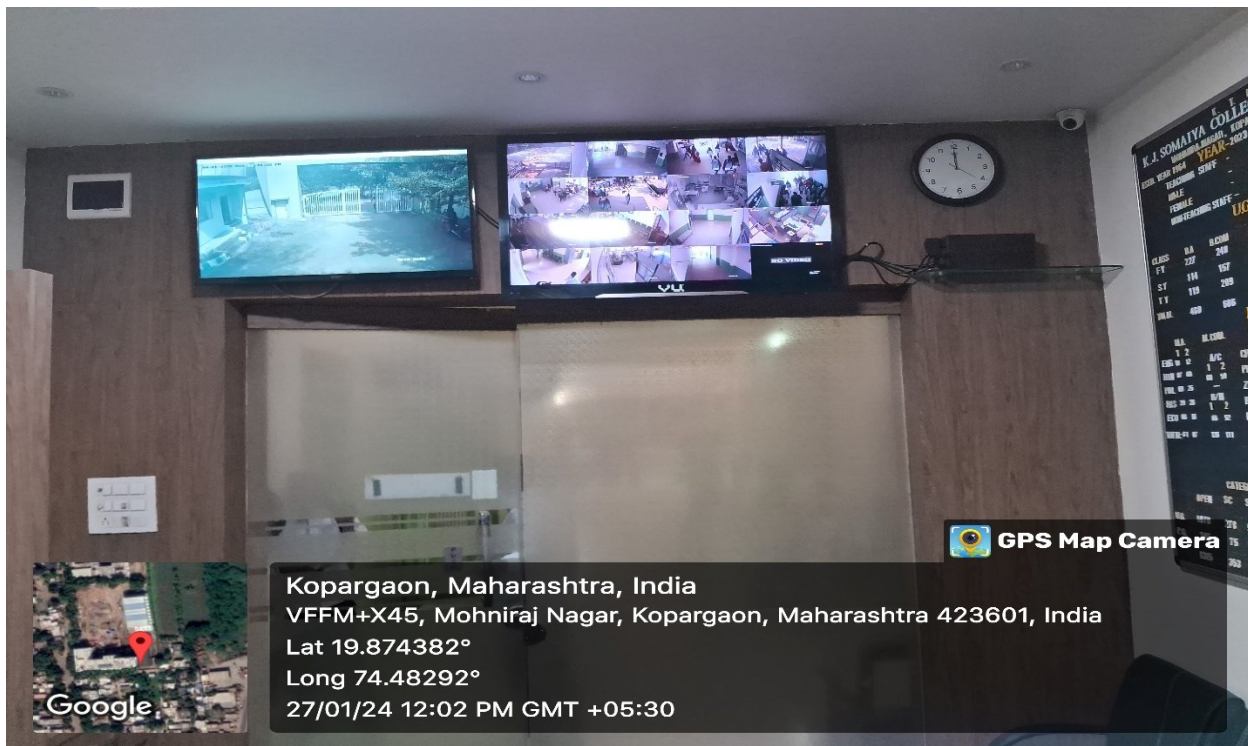
**Sakarben Conference Hall: M-34**





**CCTV Camera's**





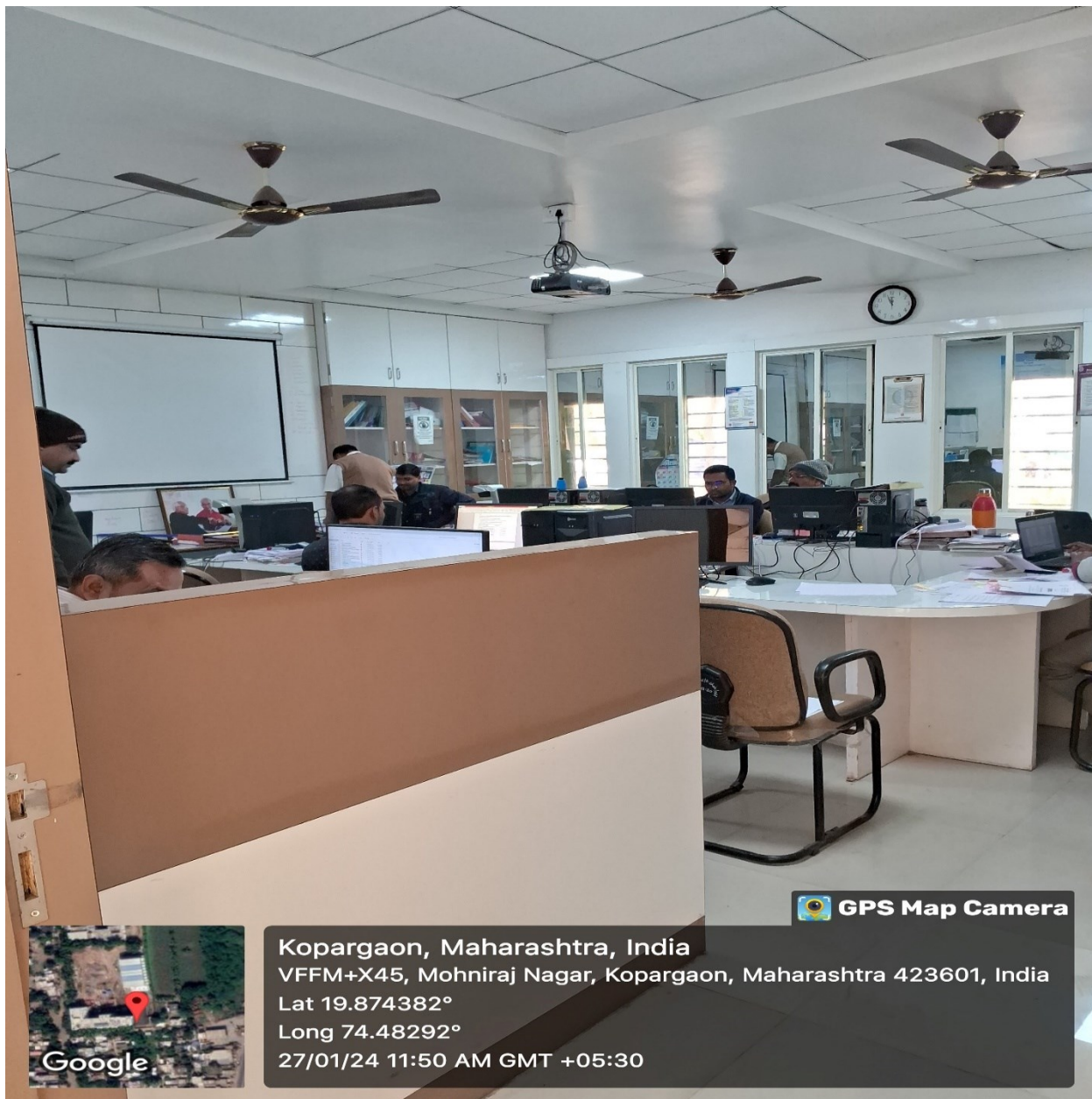
**CCTV Display- (Principal Office) M40**





**Battery Storage**





**IQAC/ Meeting Hall**





**Computer Laboratory-Physics**



**Science Conference Hall**



## IT LABS



## IT LAB: 1





Kopargaon, Maharashtra, India

VFFM+6F9, Yeola Rd, Shardanagar, Kopargaon, Maharashtra

423603, India

Lat 19.872941°

Long 74.483884°

07/03/24 11:38 AM

**IT LAB: 2**





**IT LAB: 3**





**IT LAB: 4**





**IT LAB: 5**





**IT LAB: 6**





**IT LAB: 7**

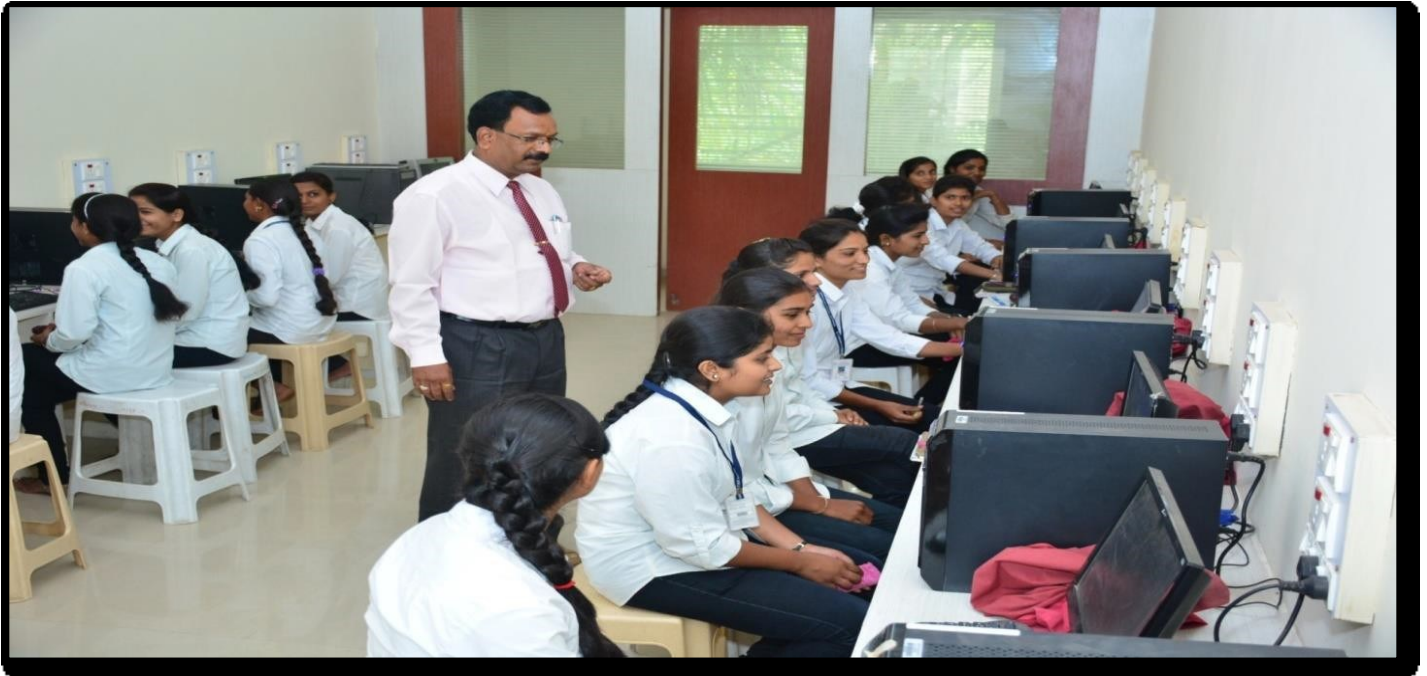




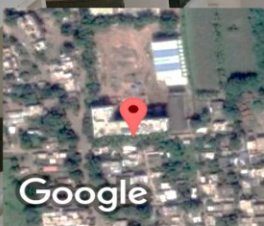
**ICT Enabled Classroom**



## Department of Physics:



 **GPS Map Camera**



Kopargaon, Maharashtra, India  
VFFJ+VX3, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.874261°  
Long 74.482572°  
07/03/24 12:02 PM GMT +05:30

**Computer Laboratory**





 **GPS Map Camera**



Kopergaon, Maharashtra, India  
 VFFJ+VX3, Mohniraj Nagar, Kopergaon, Maharashtra 423601, India  
 Lat 19.874295°  
 Long 74.482548°  
 07/03/24 12:01 PM GMT +05:30

## **Physics Laboratory-I: Practical Demonstration**





**Physics Lab-II: Practical Demonstration**





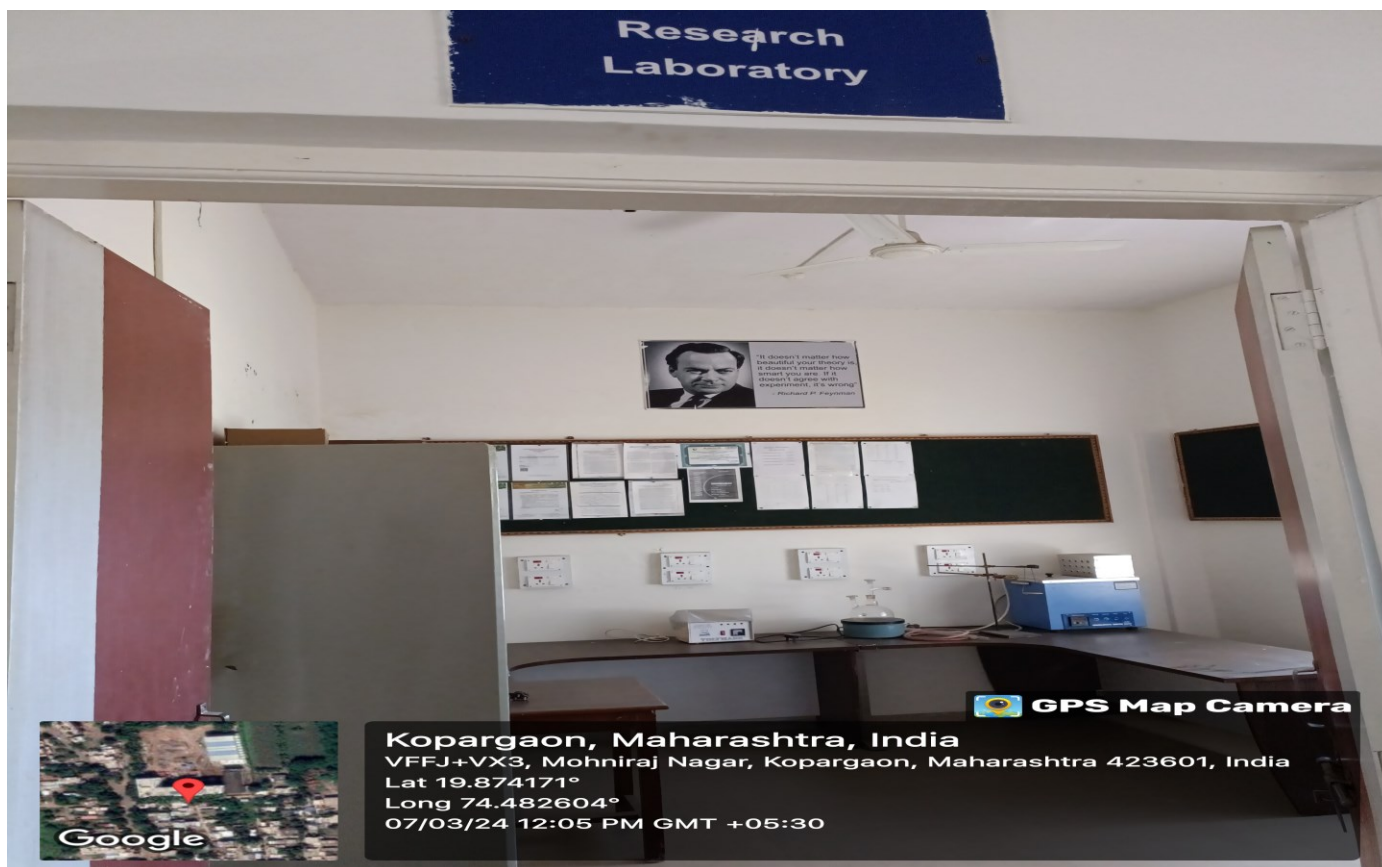
## **M. Sc.-I: Electronics Laboratory**





**T. Y. B. Sc. Special Laboratory: Practical Demonstration**





**Research Laboratory**





## Experimental Setup for Measurement of Susceptibility of Solid by Gouy's Method



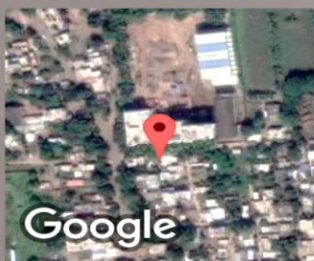


## **Experimental Setup for Multi-frequency Ultrasonic Interferometer**





 **GPS Map Camera**



**Kopargaon, Maharashtra, India**

VFFJ+RQ5, KJS College Rd, Mohniraj Nagar, Kopargaon, Maharashtra  
423601, India

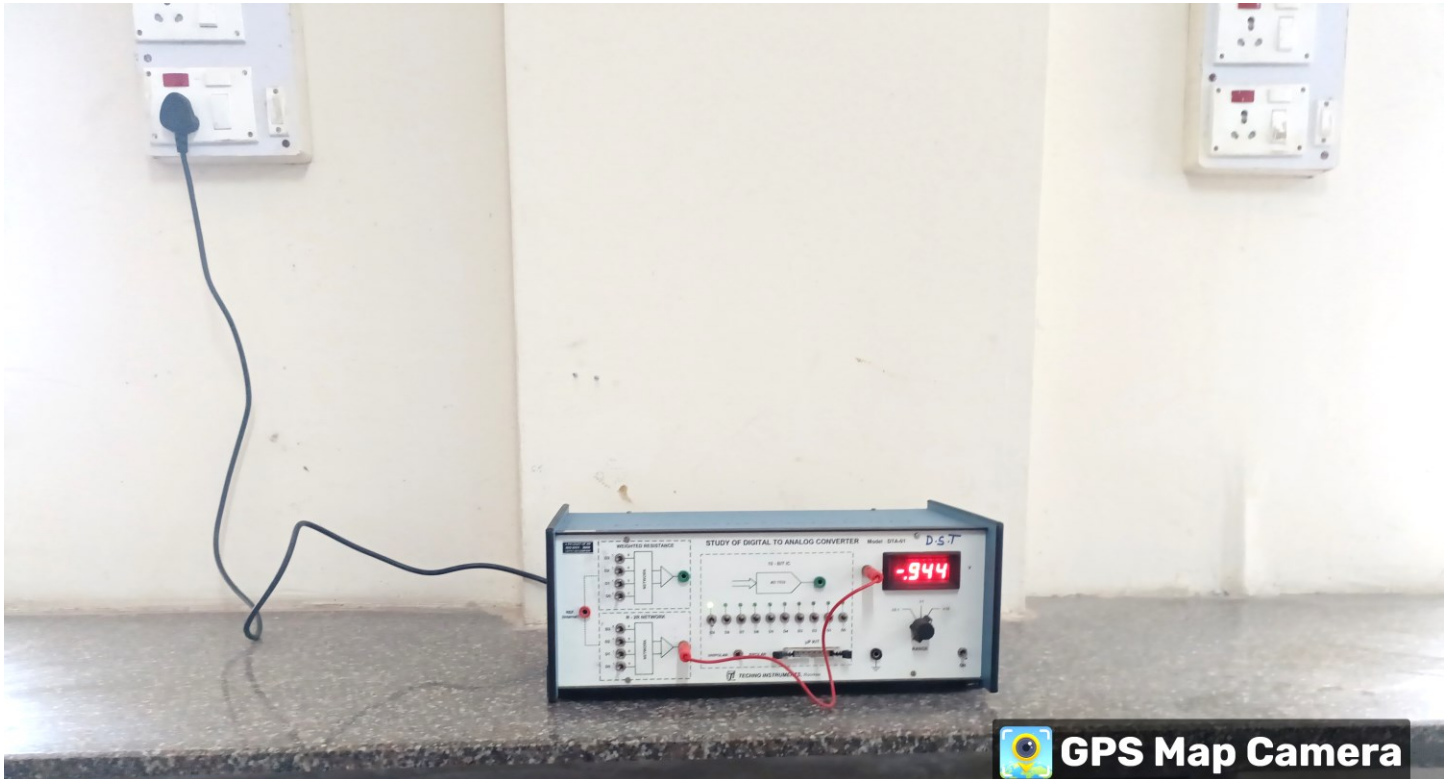
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Long 74.482463°

07/03/24 11:44 AM GMT +05:30

**Digital Balance for Research Work in Research Laboratory**





 **GPS Map Camera**



**Kopergaon, Maharashtra, India**

VFFJ+RQ5, KJS College Rd, Mohniraj Nagar, Kopergaon, Maharashtra 423601, India

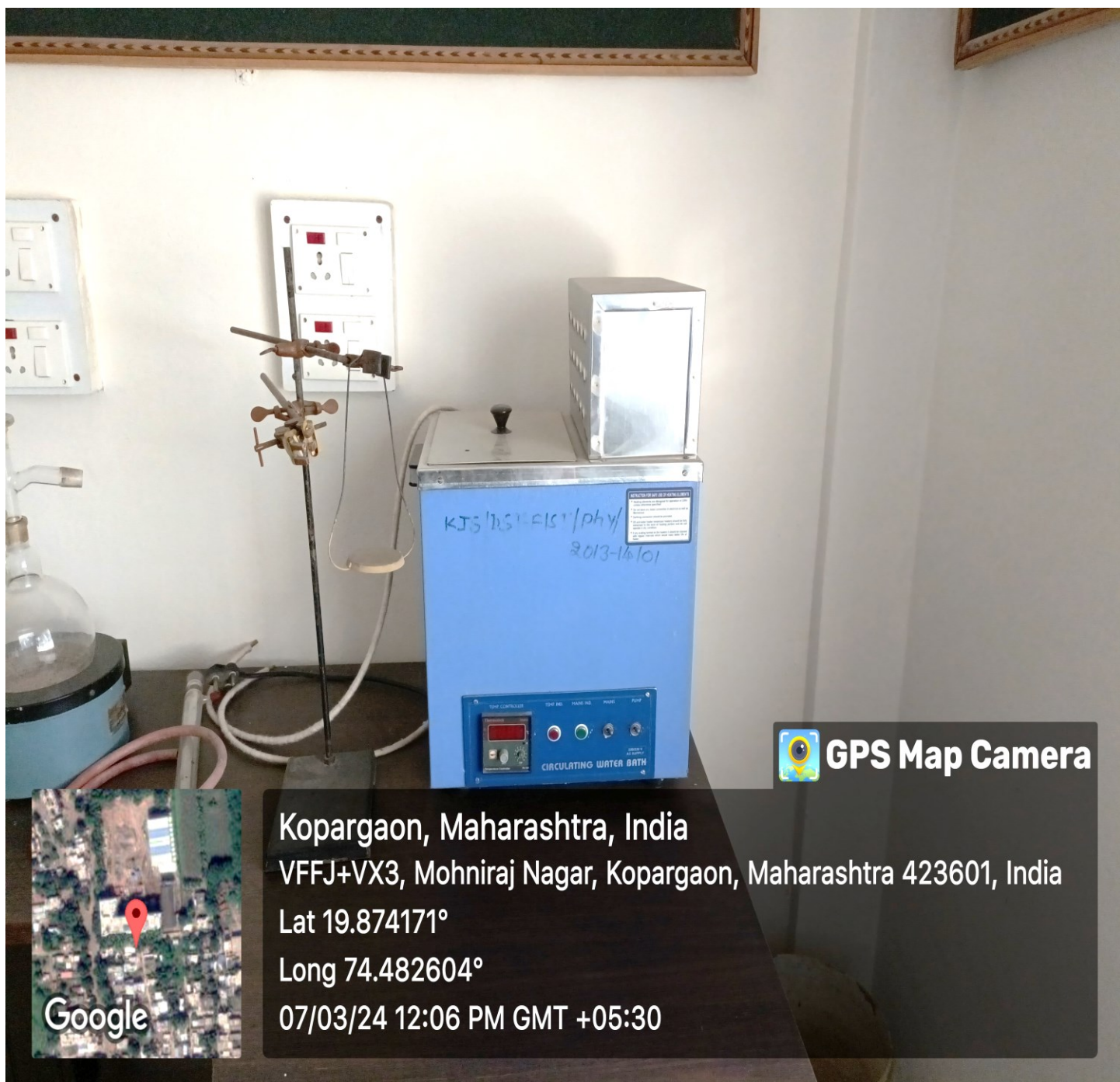
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Long 74.482178°

07/03/24 11:50 AM GMT +05:30

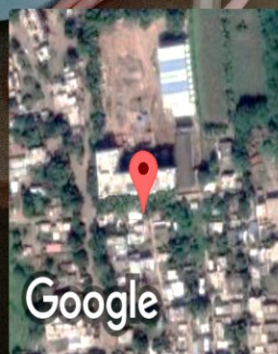
**Experimental Setup for Digital to Analog Converter**





 **GPS Map Camera**

Kopargaon, Maharashtra, India  
VFFJ+VX3, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.874171°  
Long 74.482604°  
07/03/24 12:06 PM GMT +05:30



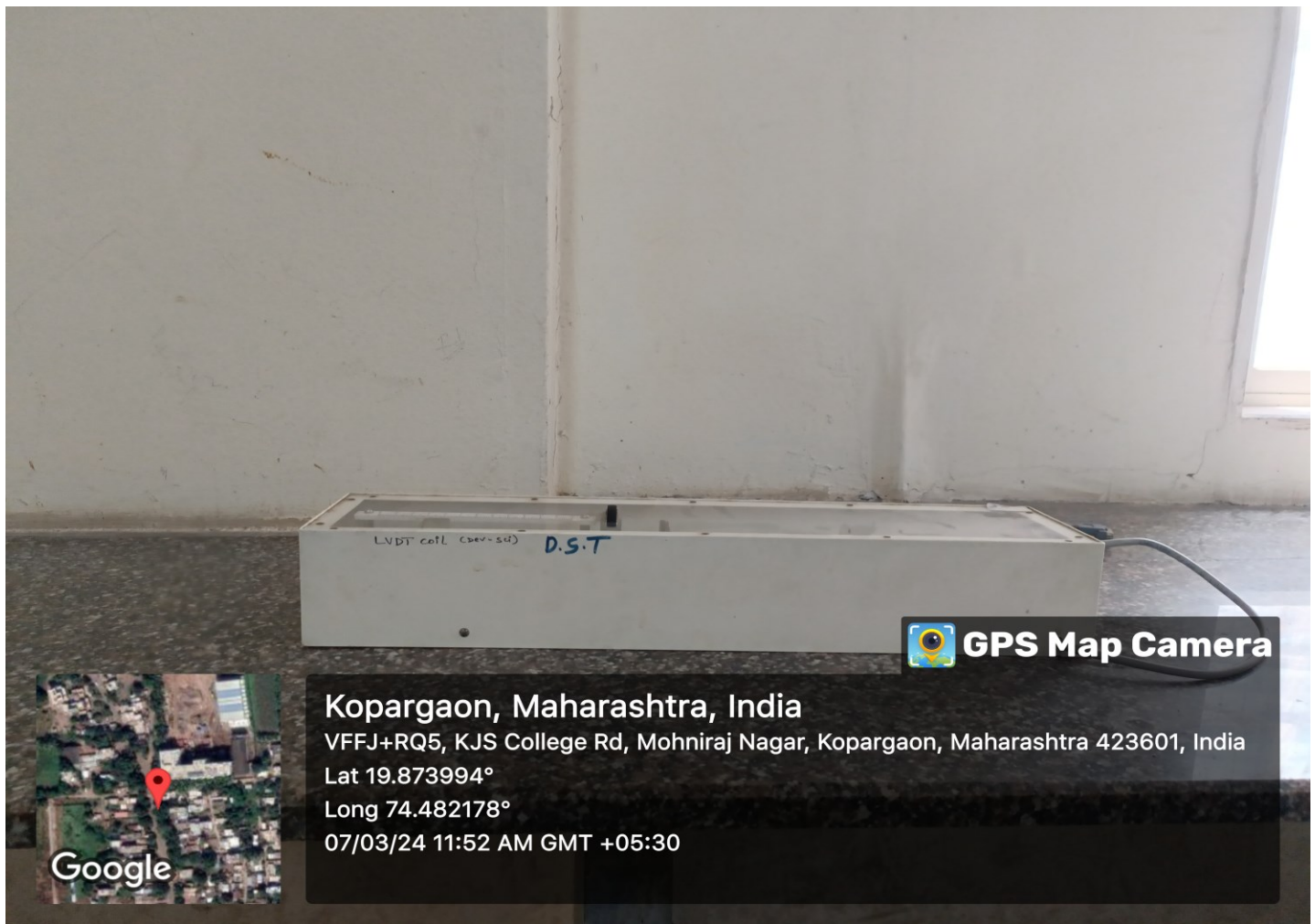
**Constant Temperature Bath for Research Work**





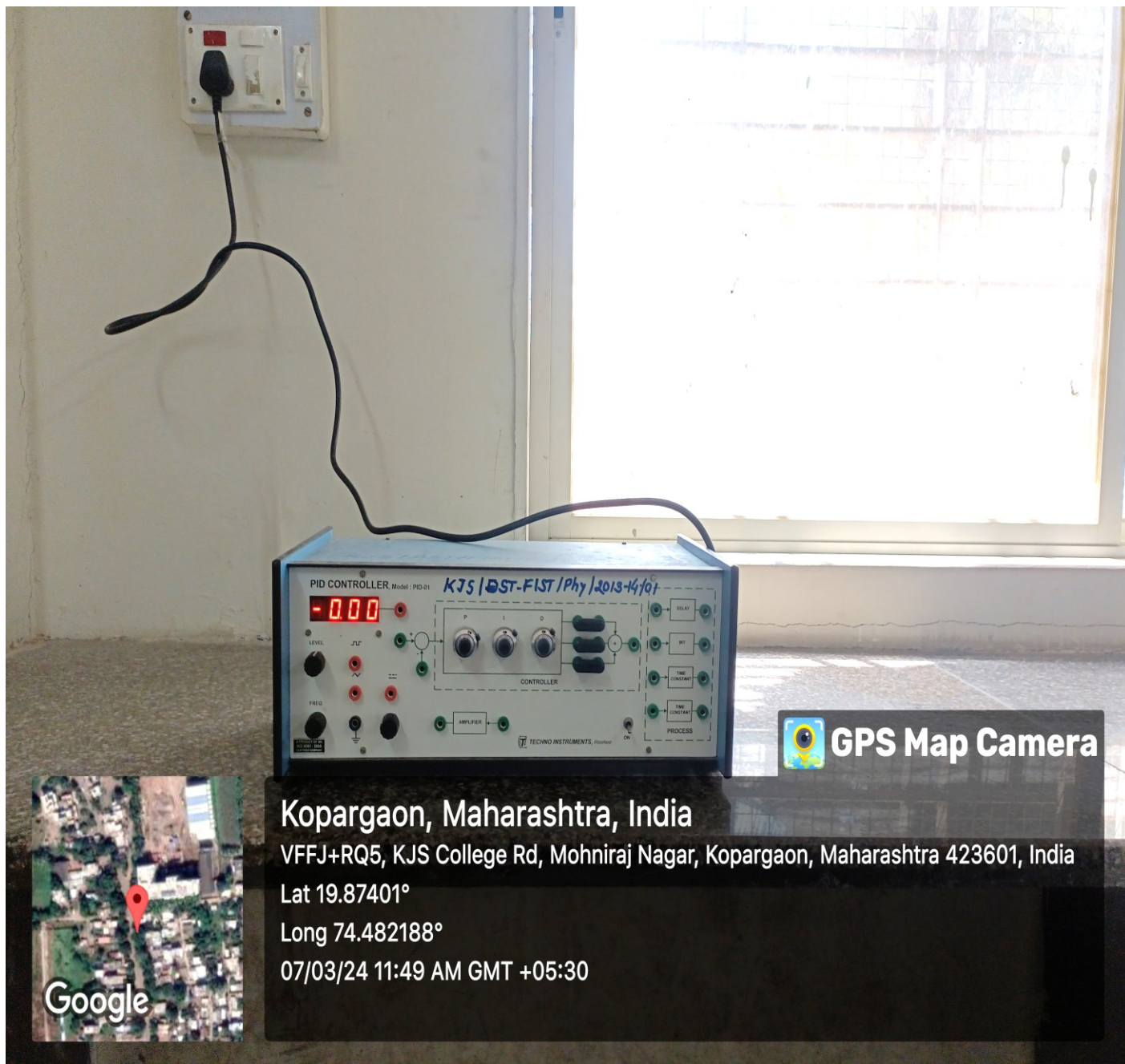
**Experimental Setup for Geiger-Muller Counting System**





## **Experimental Setup for LVDT Transducer**





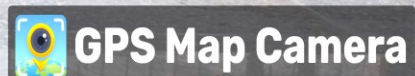
Kopergaon, Maharashtra, India

VFFJ+RQ5, KJS College Rd, Mohniraj Nagar, Kopergaon, Maharashtra 423601, India

Lat 19.87401°

Long 74.482188°

07/03/24 11:49 AM GMT +05:30



## Experimental Setup for PID Controller





**Hall Effect Experimental Setup**





## Stefan Constant for Black body Radiation





**Frank and Hertz Experimental Setup**





**Experimental Setup of Electron Spin Resonance Spectrometer**





**Experimental Setup for Four probe method**





Kopargaon, Maharashtra, India

VFFJ+VX3, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India

Lat 19.874244°

Long 74.482512°

07/03/24 11:55 AM GMT +05:30

**CRO APLAB 20 MHz Dual Trace**





 **GPS Map Camera**

Kopergaon, Maharashtra, India

VFFJ+VX3, Mohniraj Nagar, Kopergaon, Maharashtra 423601, India

Lat 19.874261°

Long 74.482572°

07/03/24 12:03 PM GMT +05:30

**APLAB 3 MHz Multi Wave from Signal Generator**





**Sakarben Somaiya Conference Hall:**



# Department of Chemistry



**FTIR Infrared Spectrophotometer with**





**UV Spectrophotometer Microprocessor Based**





**Microwave Synthesizer**





**Flame Photometer**



**Digital Polarimeter**





**Ice Flicker Labline**





**Ultra Sonicater**



**Fuming Hood**





**Hot Air Oven**



**Deep Freezer**



**Digital Turbidity Meter**



**Digital Colorimeter**





## Digital PH Meter



**Water Bath Thermostatic**



**Heating Mantel**





## Vacuum Succession Pump Water Jet



## Hot Plate



**Oil Bath Electrical**



**Magnetic Stirrer with Hot Plate**





**I.R. Lamp with Bulb**



**Digital Balance**





## **Inorganic Chemistry Laboratory**





GPS Map Camera

Kopergaon, Maharashtra, India

VFFJ+VX3, Mohniraj Nagar, Kopergaon, Maharashtra 423601,

India

Lat 19.874269°

Long 74.482593°

07/03/24 10:43 AM

**Organic Chemistry Lab**





GPS Map Camera



**Kopargaon, Maharashtra, India**

VFFJ+VX3, Mohniraj Nagar, Kopargaon,  
Maharashtra 423601, India

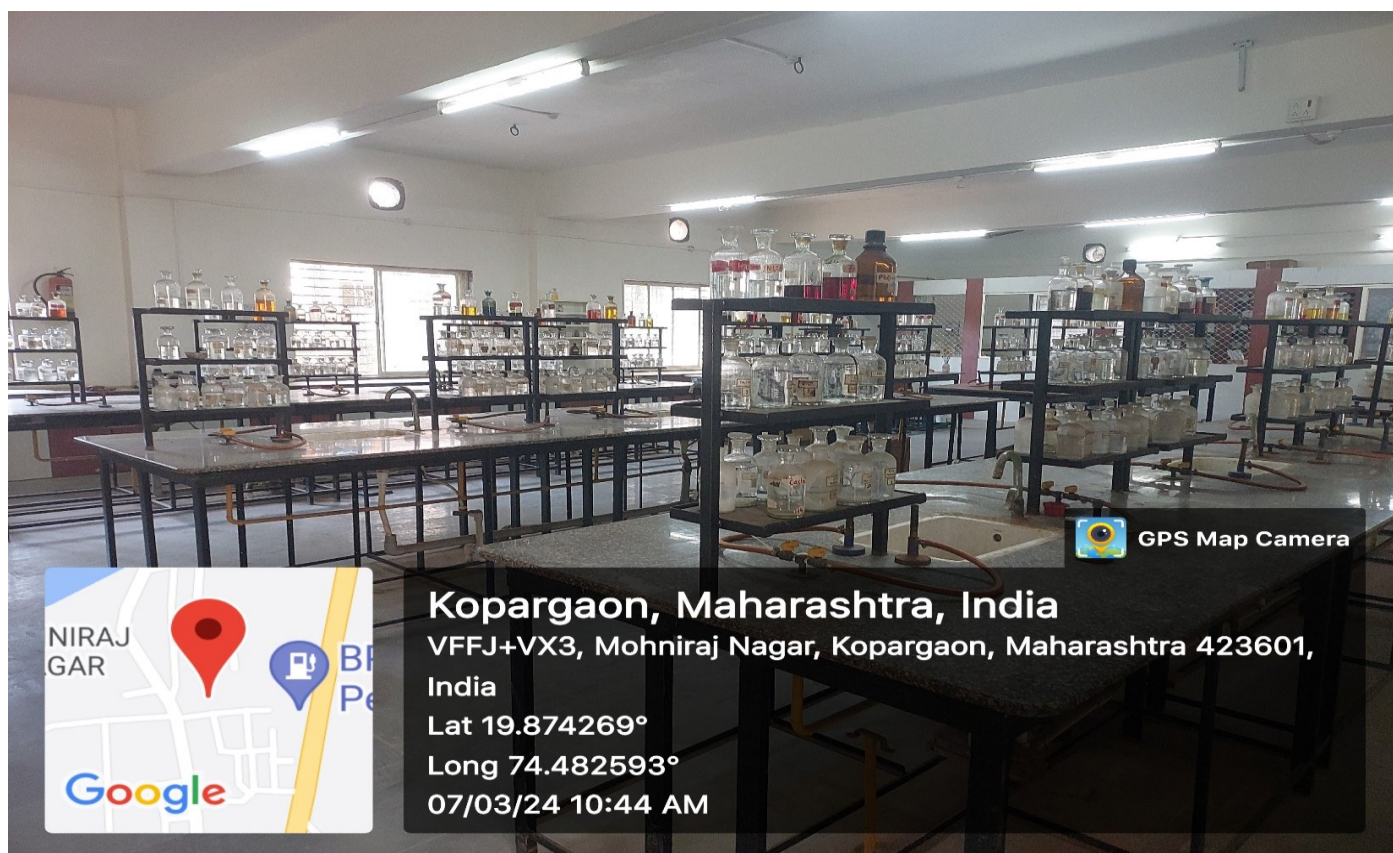
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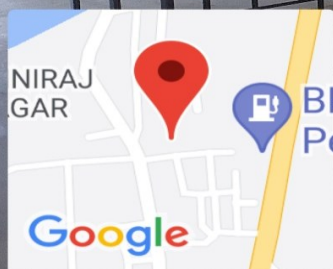
07/03/24 10:43 AM

**Store Room**





GPS Map Camera



**Kopergaon, Maharashtra, India**

VFFJ+VX3, Mohniraj Nagar, Kopergaon, Maharashtra 423601,  
India

Lat 19.874269°

Long 74.482593°

07/03/24 10:44 AM

**General Chemistry Laboratory**





## Refractometer



## UV Visible Spectrophotometer





**Physical Chemistry Laboratory Cum DST-FIST Sponsored  
Instrumentation Facility Centre (IFC)**





## Distillation Unit



## Microwave synthesizer



**IR Spectrophotometer**



**Ice flicker Machine**



## Department of Zoology



**Digital Teaching Facility**



 **GPS Map Camera**



**Kopargaon, Maharashtra, India**

VFFM+JF9, Yeola Rd, Shardanagar, Kopargaon, Maharashtra 423603, India

Lat 19.873998°


Long 74.483706°

04/10/23 01:04 PM GMT +05:30

**Laboratory No: 1**





 **GPS Map Camera**



**Kopargaon, Maharashtra, India**

VFFM+M2W, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India

Lat 19.874207°

Long 74.483175°

04/10/23 01:06 PM GMT +05:30

**Laboratory No: 2**



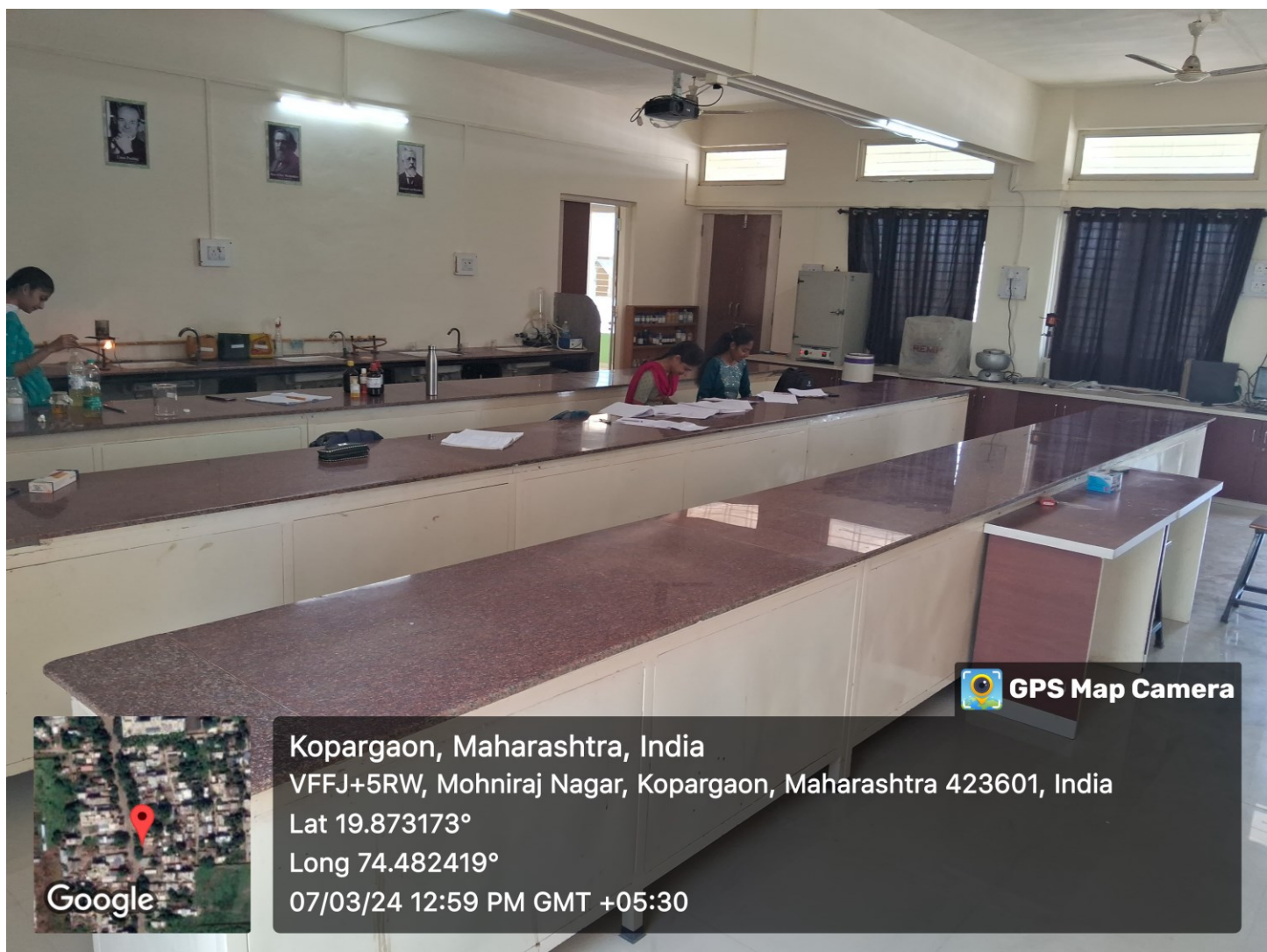
**Laboratory No: 3**



## **P. G. (M. Sc.) Laboratories:**



## **P. G. (M. Sc. Part - I) Laboratory:**



**P. G. (M. Sc. Part - II) Laboratory:**





**P. G. Chemicals, Store Room:**



**P. G. Chemicals, Store Room:**

## Major Laboratory Equipments:



## Rotary Microtomes:





**Oven & Hot Plate:**

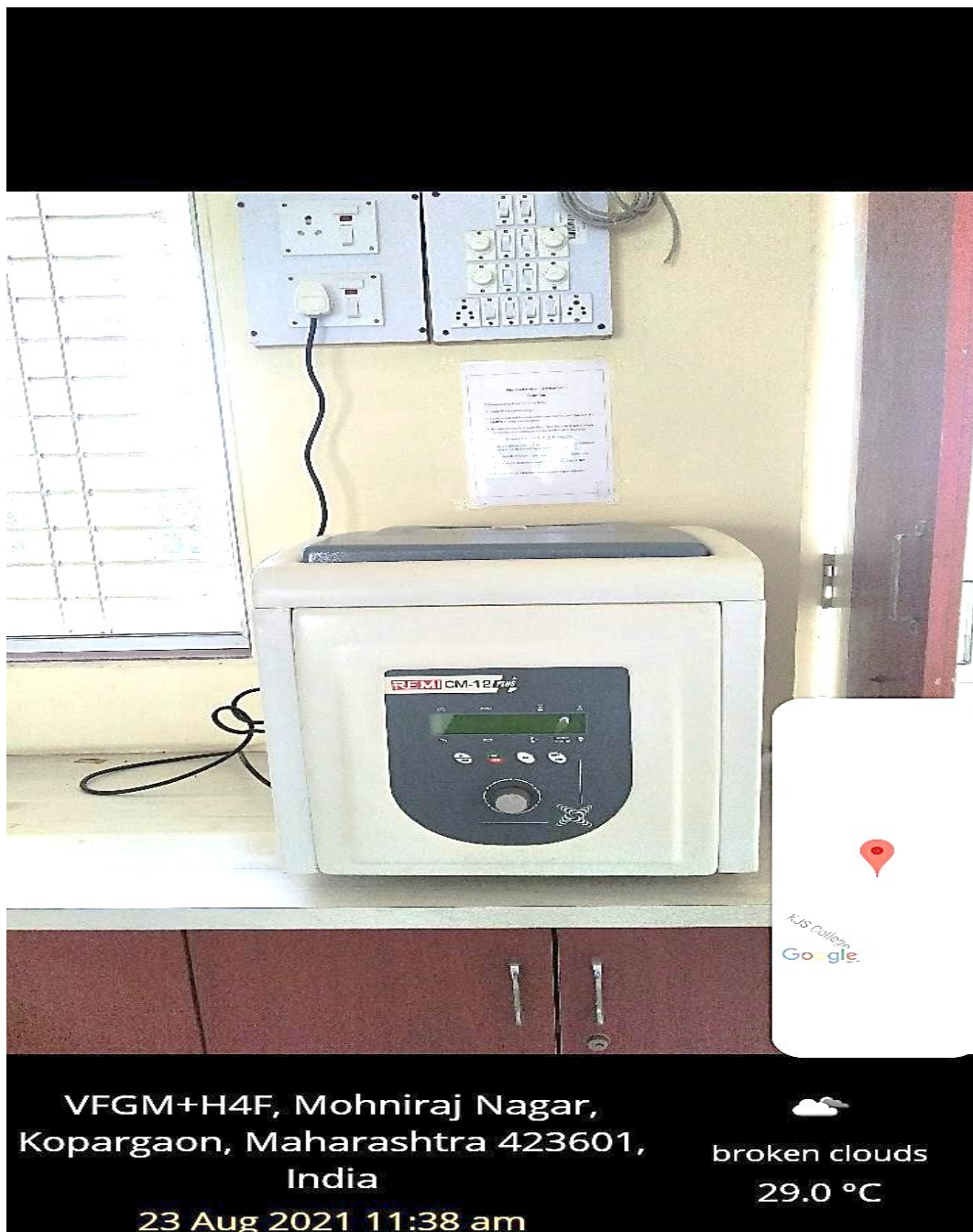


**Spectrophotometer & Hot Water Bath:**





**Water Distillation Plant:**



**Cooling Ultra-Centrifuge (Remi):**





**Digital Camera with Microscope:**





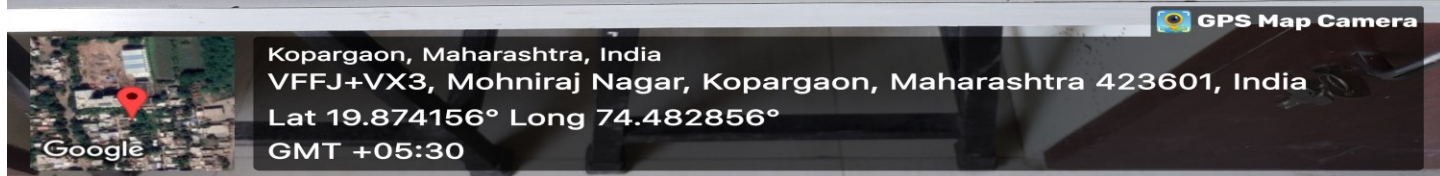
**Vermiculture Unit**



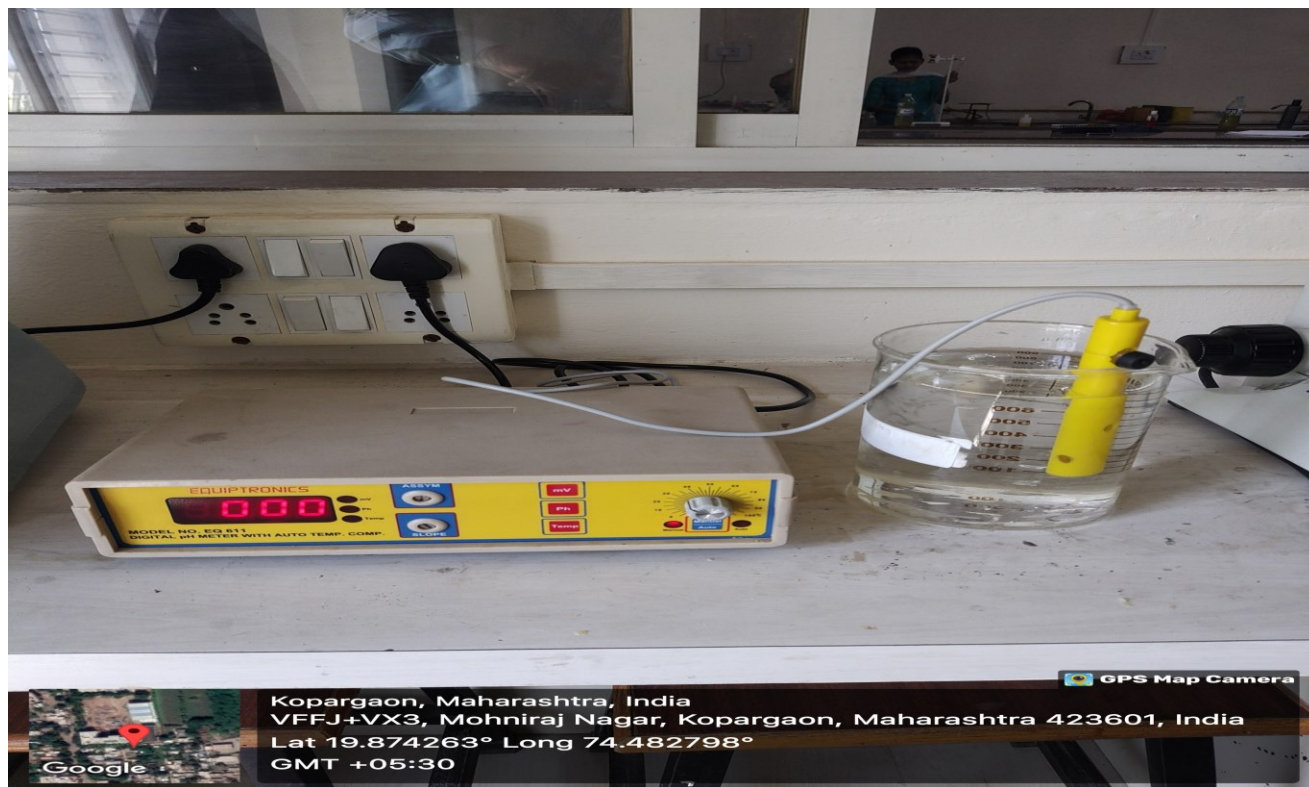


**Apiculture Unit**





**Colorimeter**

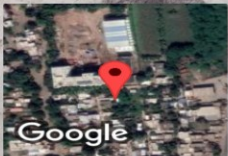


**Digital PH Meter**





 GPS Map Camera



Kopargaon, Maharashtra, India  
VFFJ+VX3, Mohniraj Nagar, Kopargaon, Maharashtra 423601, India  
Lat 19.874167° Long 74.482857°  
GMT +05:30

**Binocular Microscope**



Kopergaon, Maharashtra, India

VFFJ+VX3, Mohniraj Nagar, Kopergaon, Maharashtra 423601, India

Lat 19.874129° Long 74.482882°

GMT +05:30



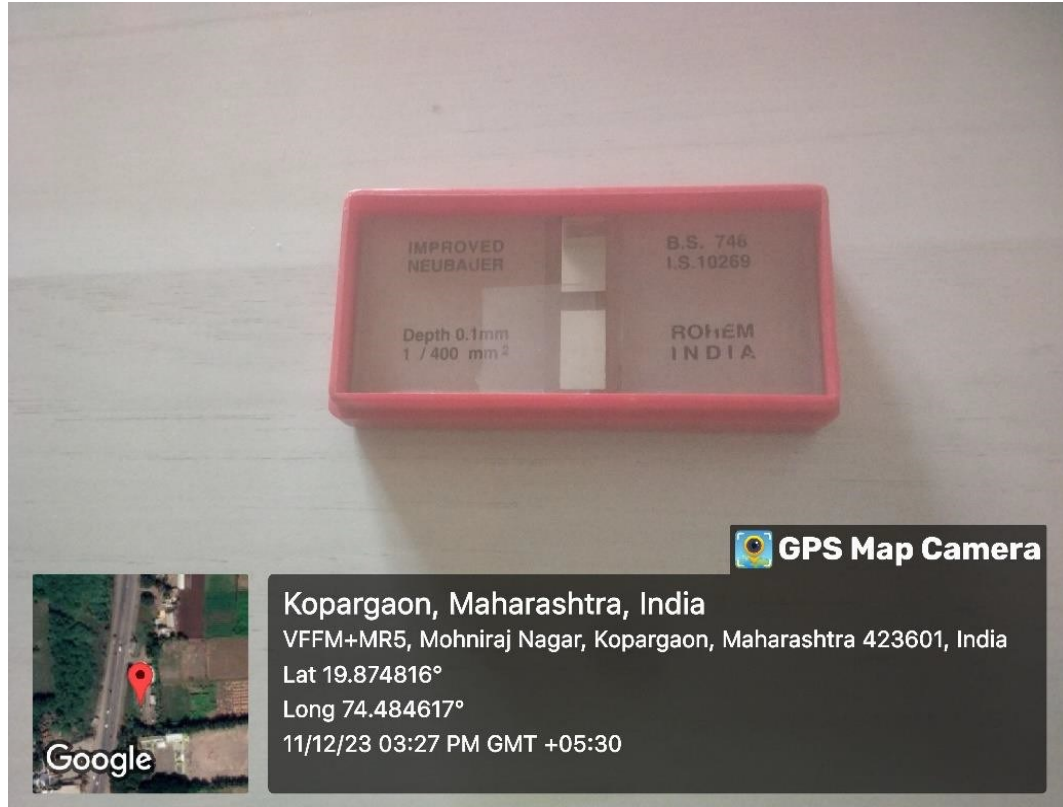
**Stereo Microscope**



## Department of Microbiology



### Auto clamp vertical-Bio-Tech India



### Neubauer chamber

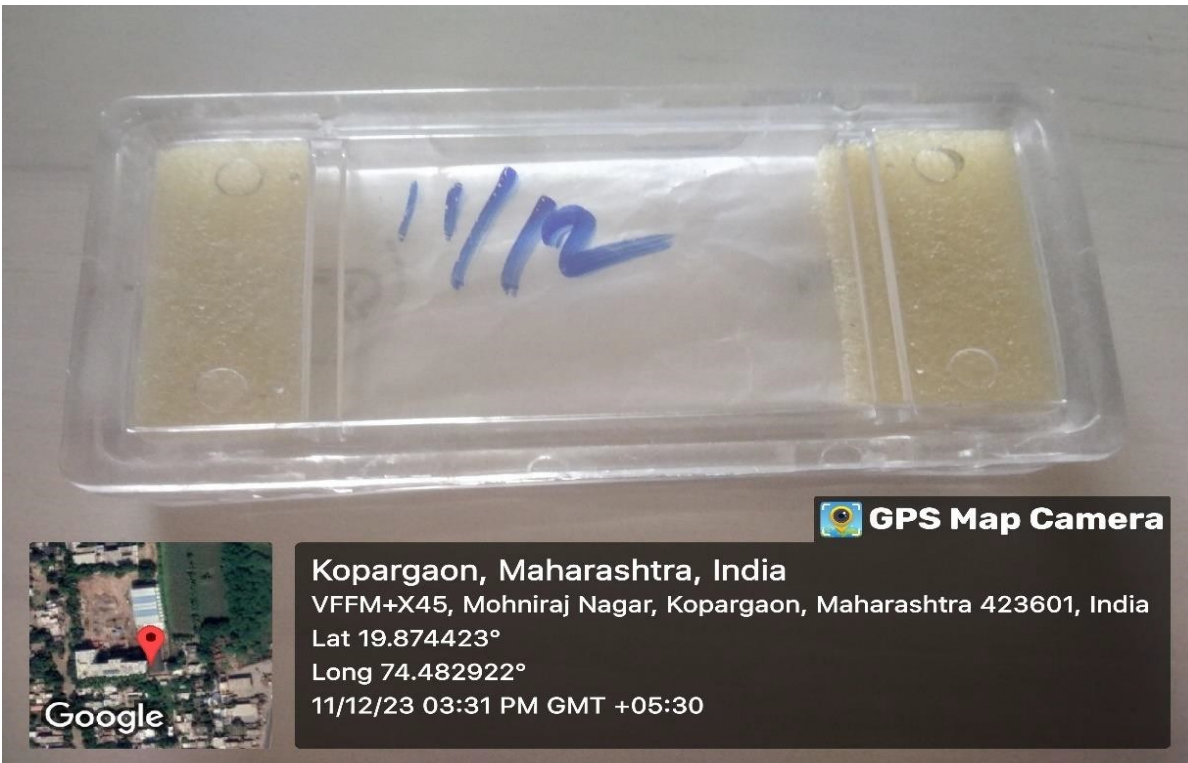


**Digital Colorimeter EQ – 650-A**



**Compound microscope -micron Optic KG5**

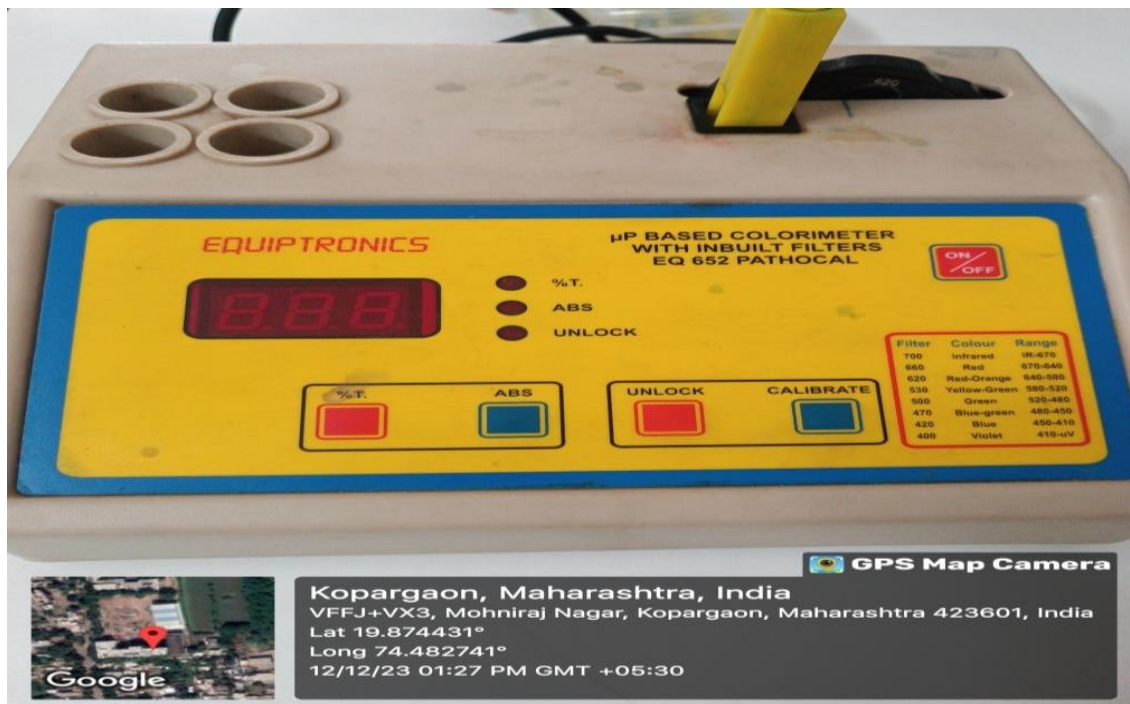




### Stage micrometer App.no 1



### Plasmid DNA Preparation combo kit Submarine Gel Electrophoresis Unit with Power pack

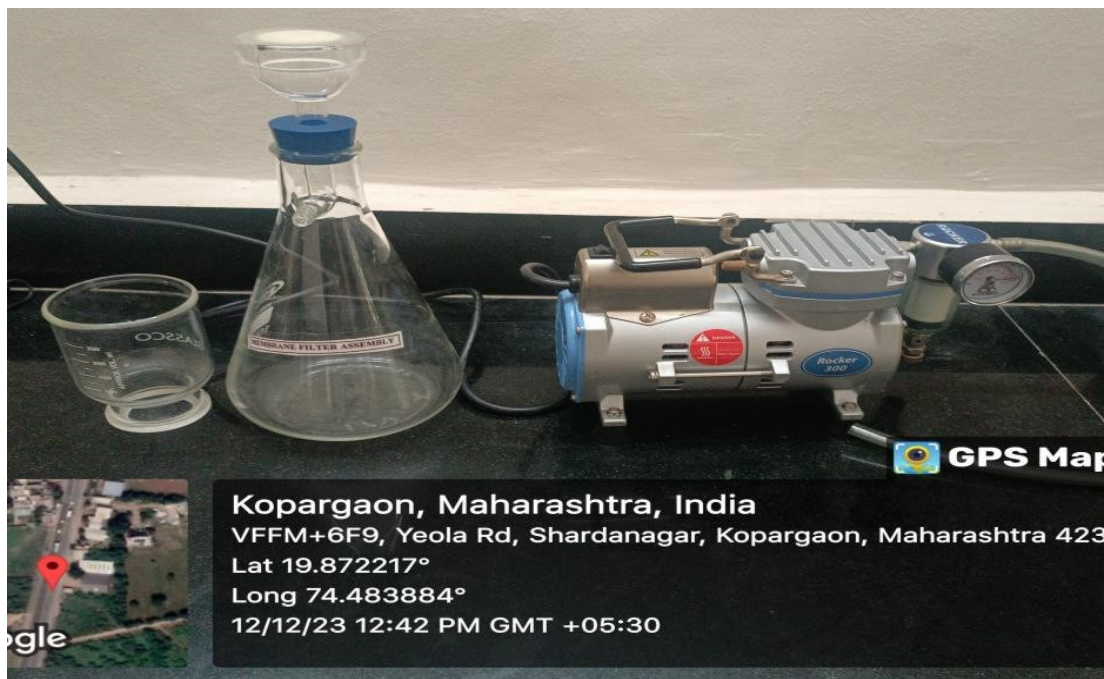


**Digital Colorimeter EQ – 650-A**



**Incubator & Oven**



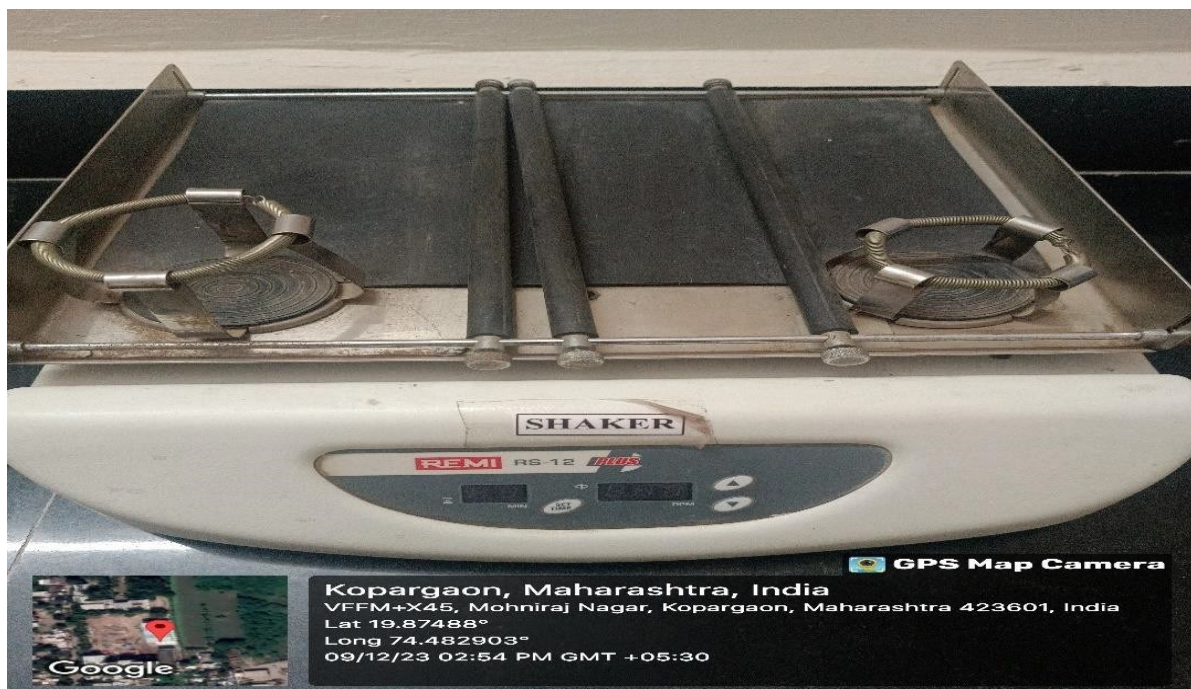


**Membrane Filtration assembly with conical flask Vacuum motor**



**Mini Centrifuge-REMI**





**Mini Rotary Shaker - REMI**



**Vortex Cyclomixer REMI**





**Bacteriological Incubator -Meta lab**



**Digital balance**

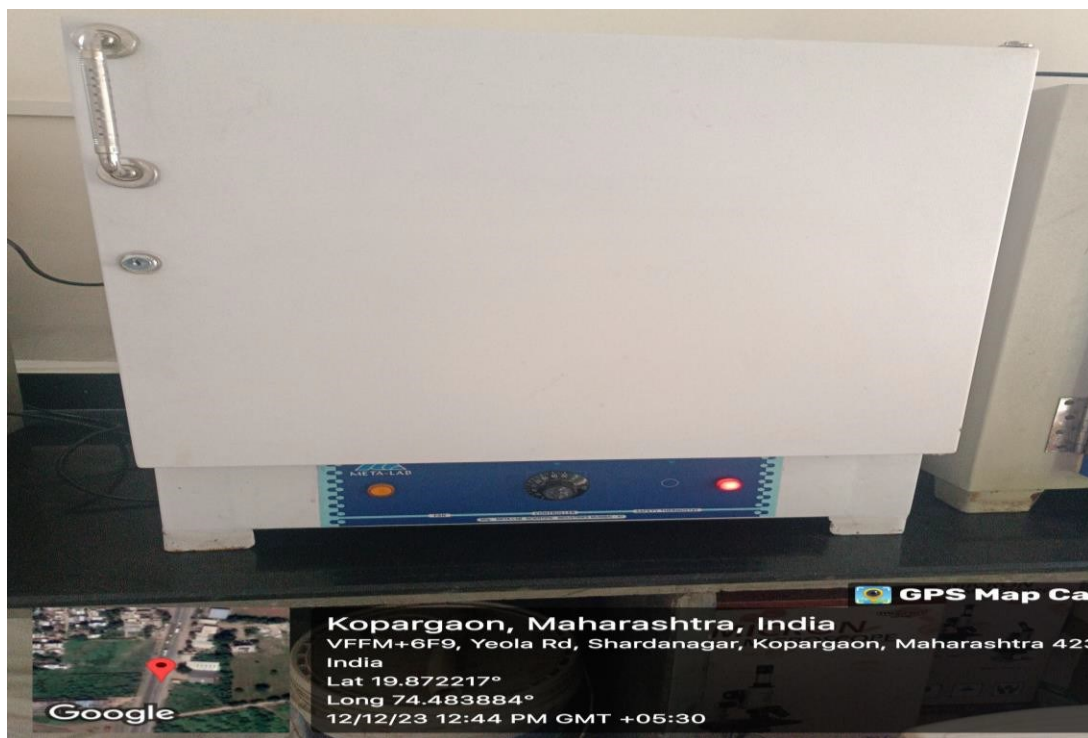


**Microscope Binocular- Labomed microscope**





**Refrigerator -L**



**Incubator -Metalab**



**Calorimeter –Equiptronics EQ 650A**

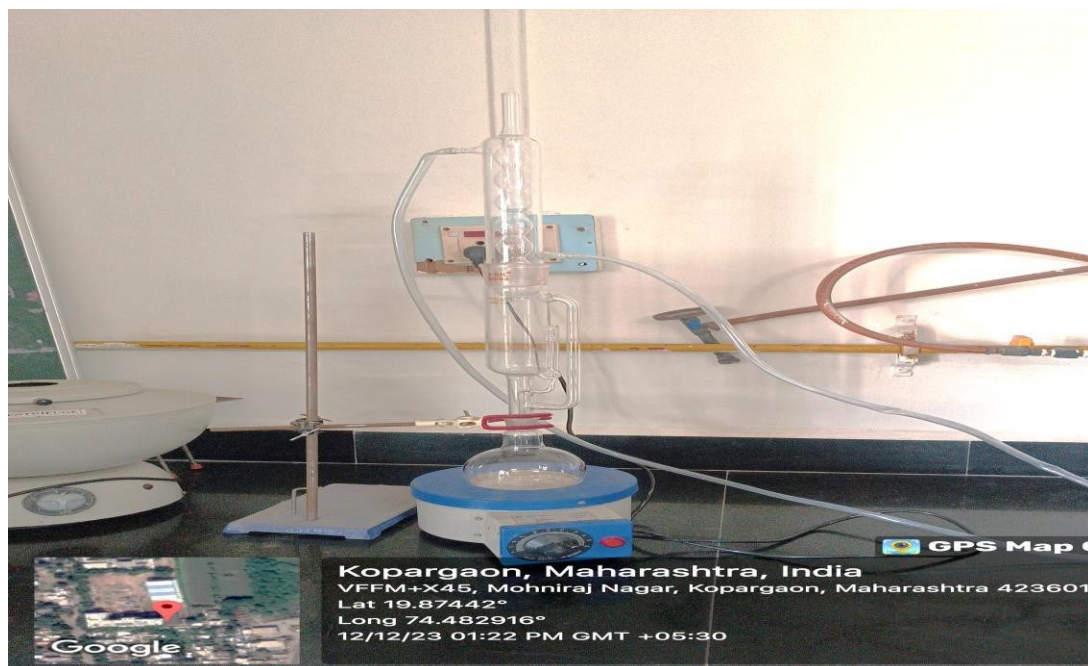




**Water Bath -Metalab**



**Autoclave - metalab**



**Soxhlet extraction apparatus**



**Microbiology Laboratory**





**Practical session in Microbiology Laboratory No-01 -S25**

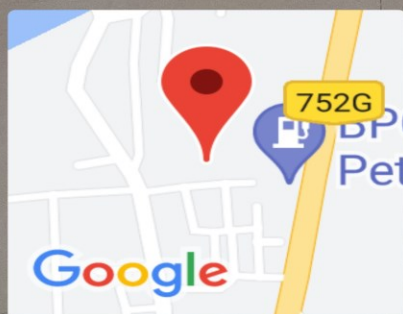


## Compound Microscopes





GPS Map Camera



**Kopergaon, Maharashtra, India**

VFFM+X45, Mohniraj Nagar, Kopergaon,

Maharashtra 423601, India

Lat 19.874366°

Long 74.482929°

07/03/24 11:20 AM

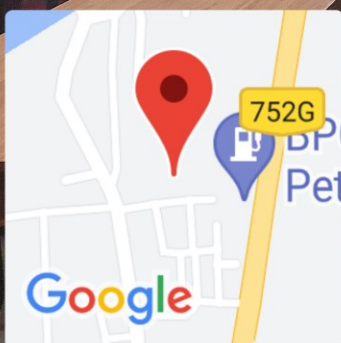
**Microbiology Laboratory No-03 -S25**





Store room -S26





**Kopergaon, Maharashtra, India**

VFFM+X45, Mohniraj Nagar, Kopergaon, Maharashtra 423601,

India

Lat 19.874366°

Long 74.482929°

07/03/24 11:21 AM

**Staff Room**



## Department of Botany:



## Practical session in Botany Laboratory No-01

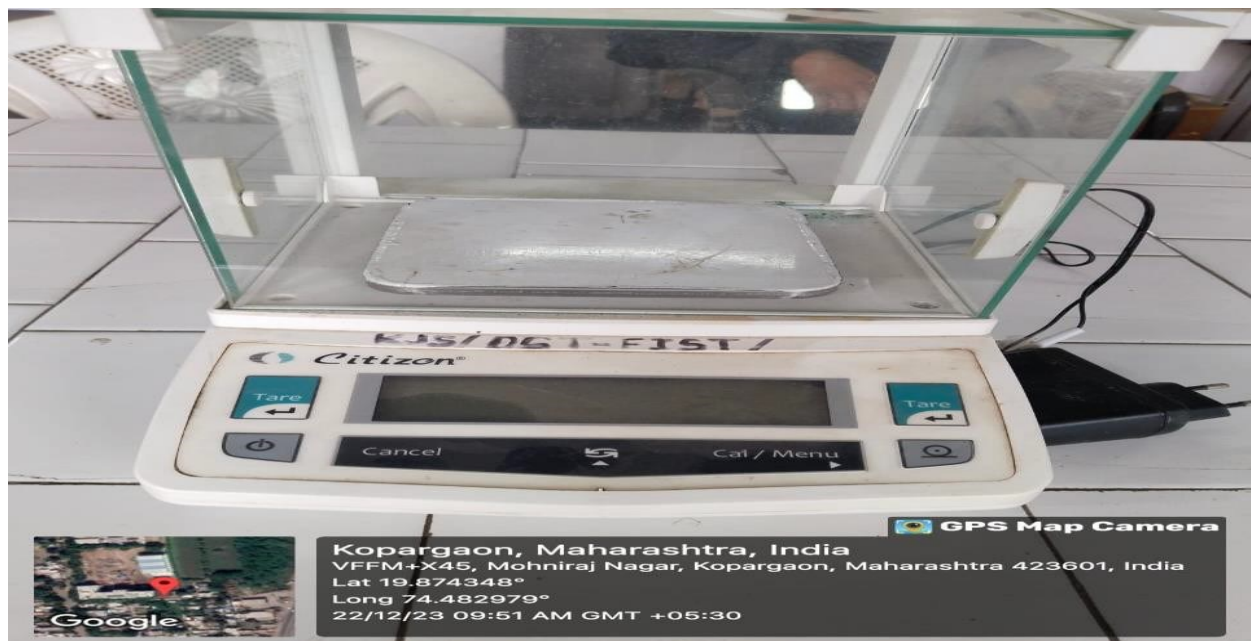


## Practical session in Botany Laboratory No-02





**Autoclave**



**Digital Balance-Make Citizen**



**Digital Balance-**



**Binocular-**





## Microscope Binocular Research



## Microscope Monocular Research



**Microscope Projection-**



**Oven-**





**Microscope Compound-Make Besto**



**Dissecting microscope**



## Heating Mantles



## Laminar Air Flow





**Culture Rack**



**Incubator**



**Transilluminator**



**Refrigerator**





### Hot Water Bath



### Mixer



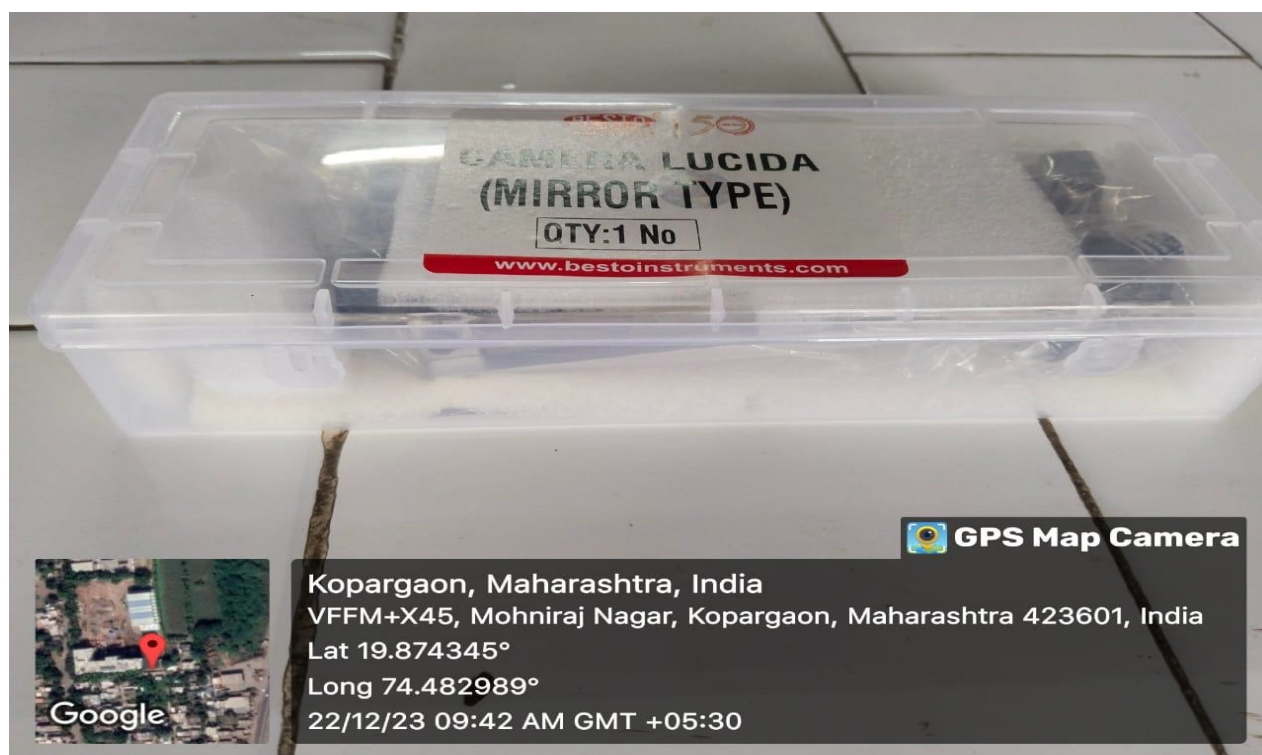
**Kopergaon, Maharashtra, India**  
VFFM+X45, Mohniraj Nagar, Kopergaon, Maharashtra 423601, India  
Lat 19.874341°  
Long 74.482983°  
22/12/23 10:07 AM GMT +05:30

**Rain Gauze**





**Cooker-**



**Stage Micrometer**







**Centrifuge-Remi**



**Distilled water Plant-**



## Electrophoresis –Horizontal Gel



## Electric Conductivity meter-





## Oxygen Meter-



## Magnetic Stirrer



**Electrophoresis Power supply-**



## Department Of English: Language Laboratory



**Old Language Laboratory**



**New Language laboratory**

## Department of Geography



**Telescope Demonstration Session**





**Demonstration of Weather Station**



**Geography Laboratory: 1**



**Geography Laboratory: 2**





**Geographical Instruments Section**



**Geography Equipment's Section**



# History Museum



## History Museum





**Kopergaon, Maharashtra, India**

VFFM+337, Mohniraj Nagar, Kopergaon, Maharashtra 423601,  
India

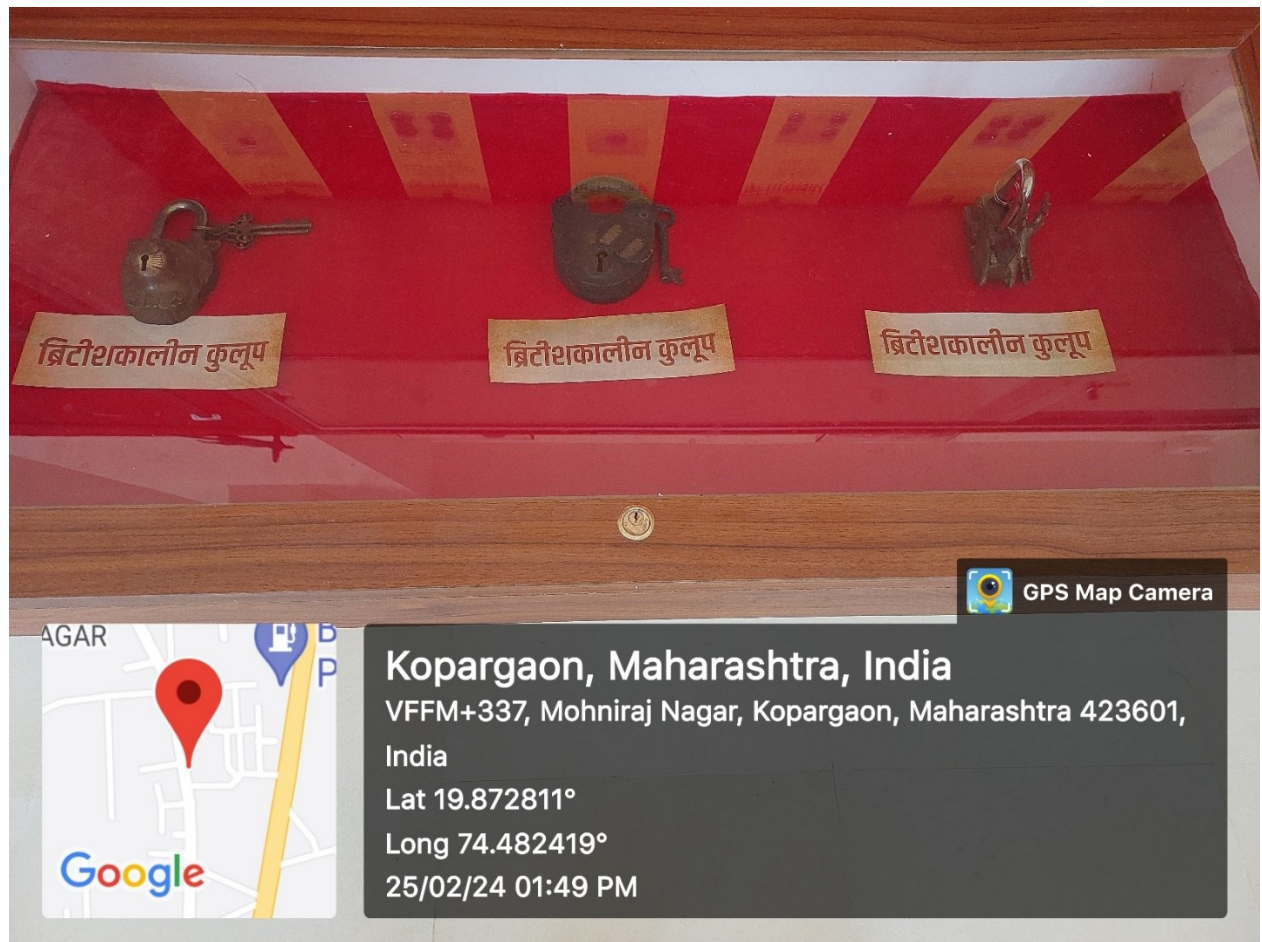
Lat 19.872811°

Long 74.482419°

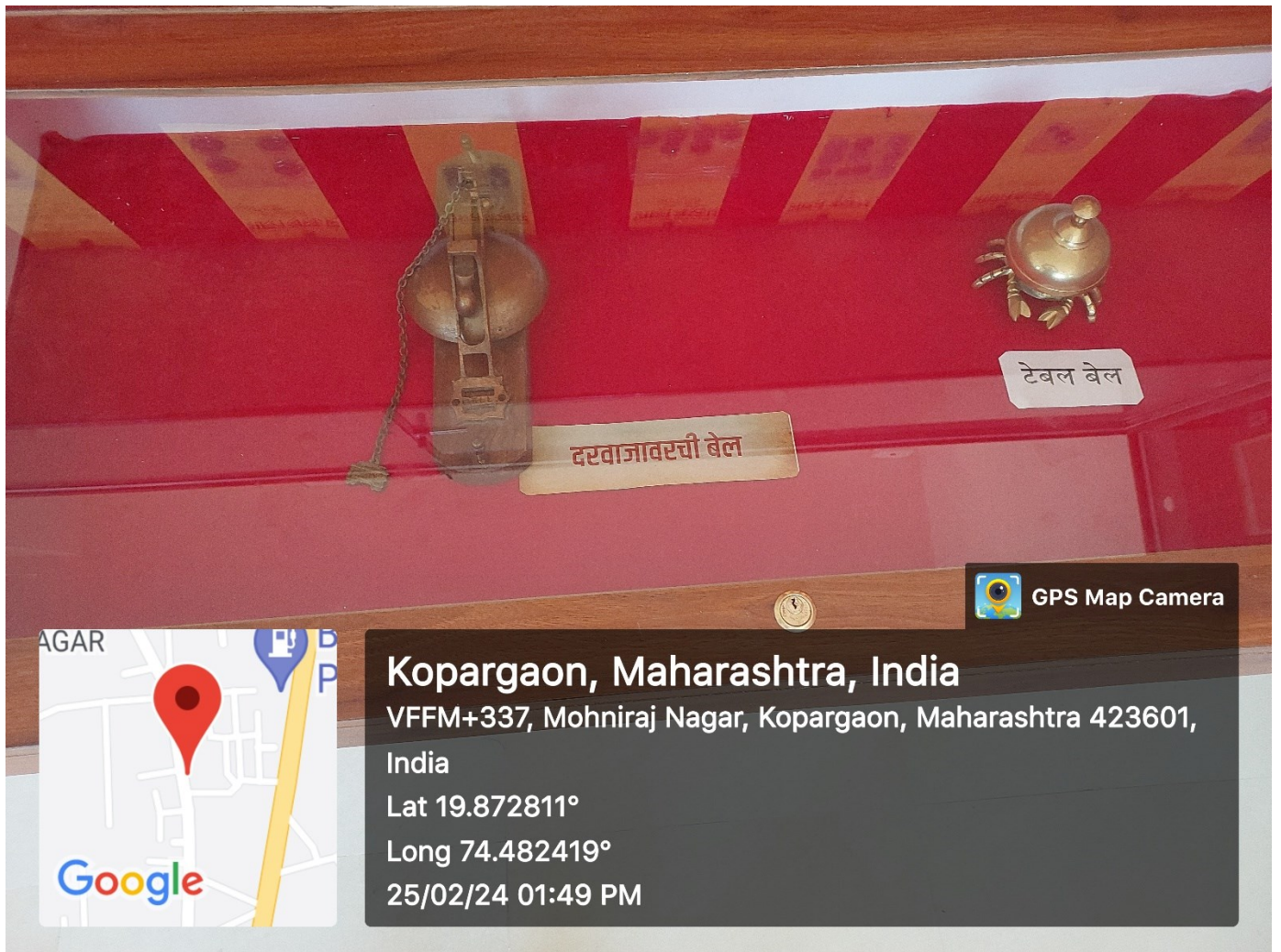
25/02/24 01:49 PM

**British Period Telephone**





**British Period Locks**

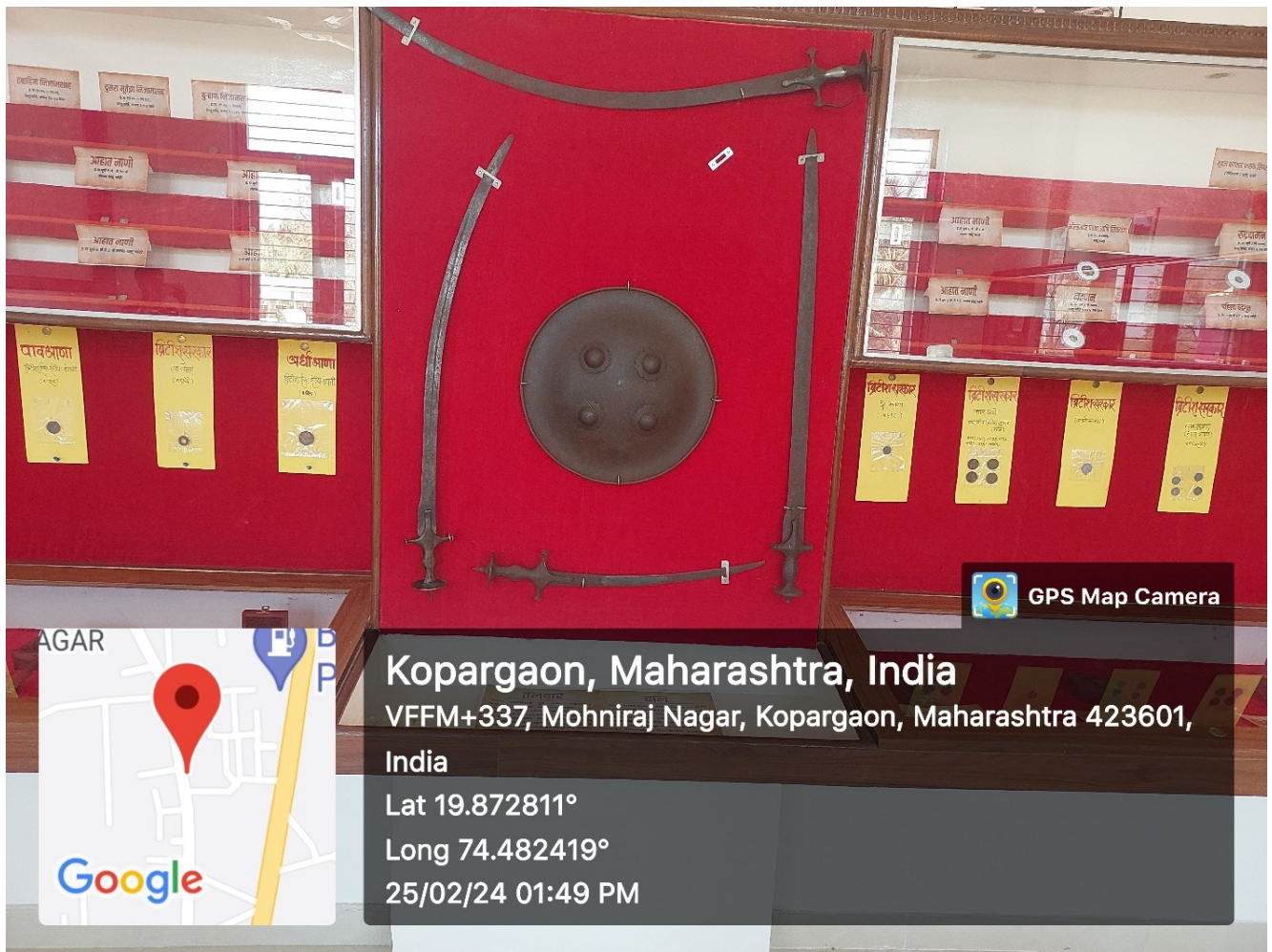


**British Period Door Bell and Table Bell**





**British Period Magnifying glasses (Lenses) and Pocket Compass  
( Direction Indicator)**

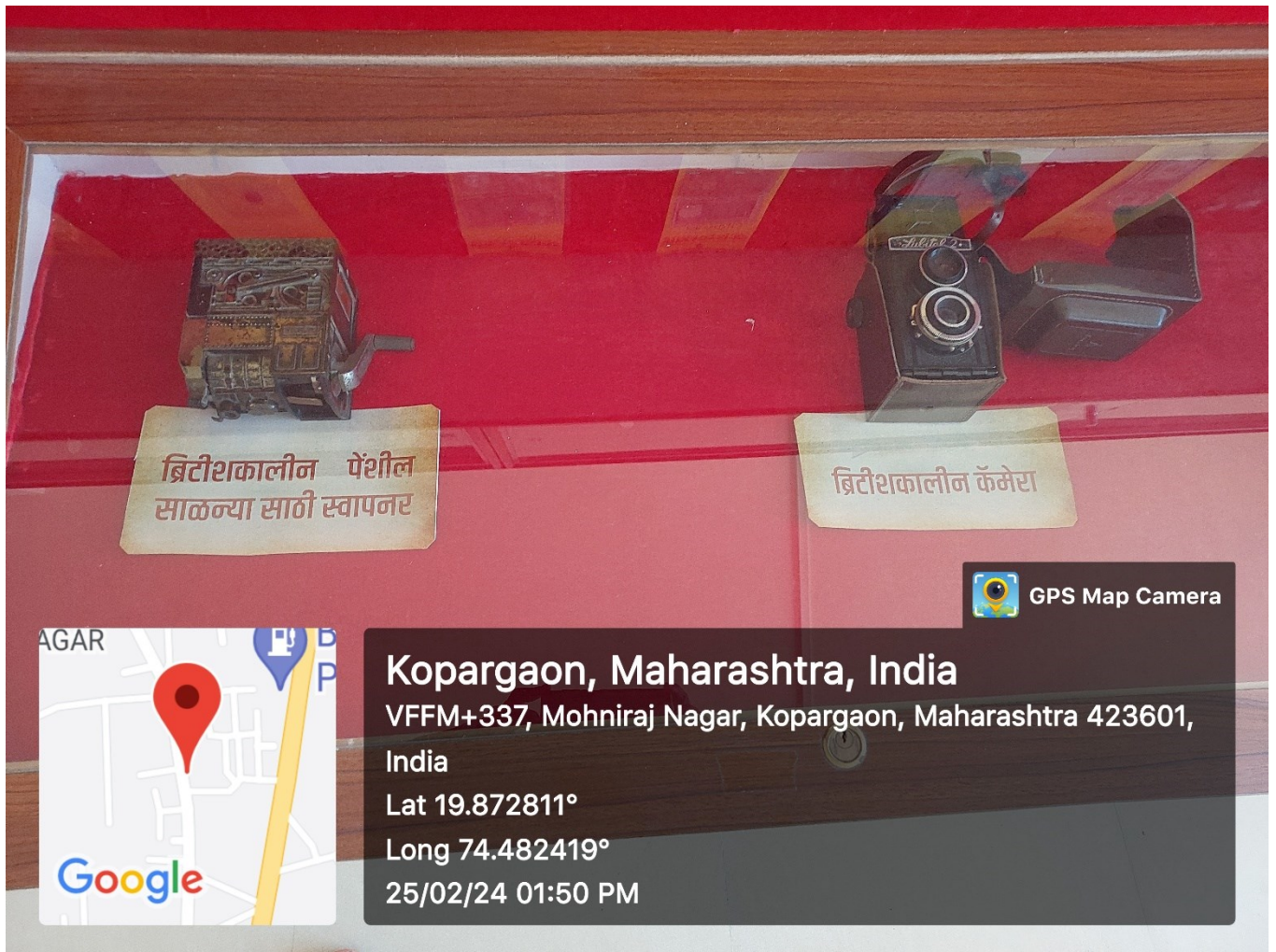


**Ancient Swords and Shield**





**British Period Binoculars( 1818)**



**British Period Pencil Sharpener and Camera**

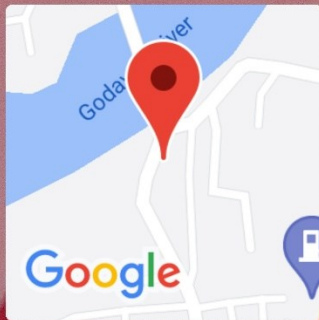




## दिशा दर्शक यंत्र (पॉकेट कंपास)



GPS Map Camera



**Kopergaon, Maharashtra, India**

VFGJ+HP7, KJS College Rd, Mohniraj Nagar, Kopergaon,  
Maharashtra 423601, India

Lat 19.876004°

Long 74.481687°

25/02/24 01:52 PM

**Pocket Compass ( Direction Indicator)**



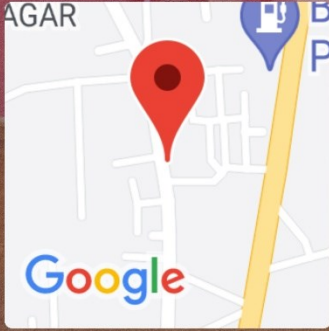


## इशारतीची तोफ

नळकांड्याची लांबी ५ ते २५ इंचापर्यंत. या तोफेवर सुंदर नक्षीकाम आढळते. हि तोफ पोलाद, तितळ, ब्राँझ किंवा पंच धातूपासून बनते. या तोफा राजघराणे, सरदार घराणे किंवा मोठ्या व्यक्तीच्या वाड्यात ठेवल्या जात



GPS Map Camera



**Kopergaon, Maharashtra, India**

VFFM+337, Mohniraj Nagar, Kopergaon, Maharashtra 423601, India

Lat 19.872811°

Long 74.482419°

25/02/24 01:49 PM

**Warning Cannon**





**British Period Calendar**



## Silver Coins of Sultan of Delhi Mohammad Khilji and Bulban Shaah





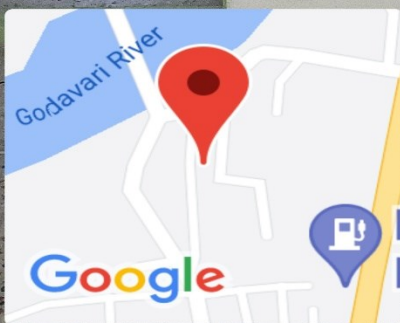
**Silver Coins Replica of Sultan of Delhi Mohammad Khilji,  
Sultan of Bengal, Mughal Akbar**



## Knowledge Resource Centre



GPS Map Camera



**Kopergaon, Maharashtra, India**

VFGJ+6VR, Mohniraj Nagar, Kopergaon,

Maharashtra 423601, India

Lat 19.875767°

Long 74.482229°

07/03/24 10:15 AM

**Reprography and New Arrivals**





**Reading Section**





## Books Section





**OPAC**





## Circulation Section





**Stack section**





Kopergaon, Maharashtra, India

VFGJ+6VR, Mohniraj Nagar, Kopergaon, Maharashtra 423601,  
India

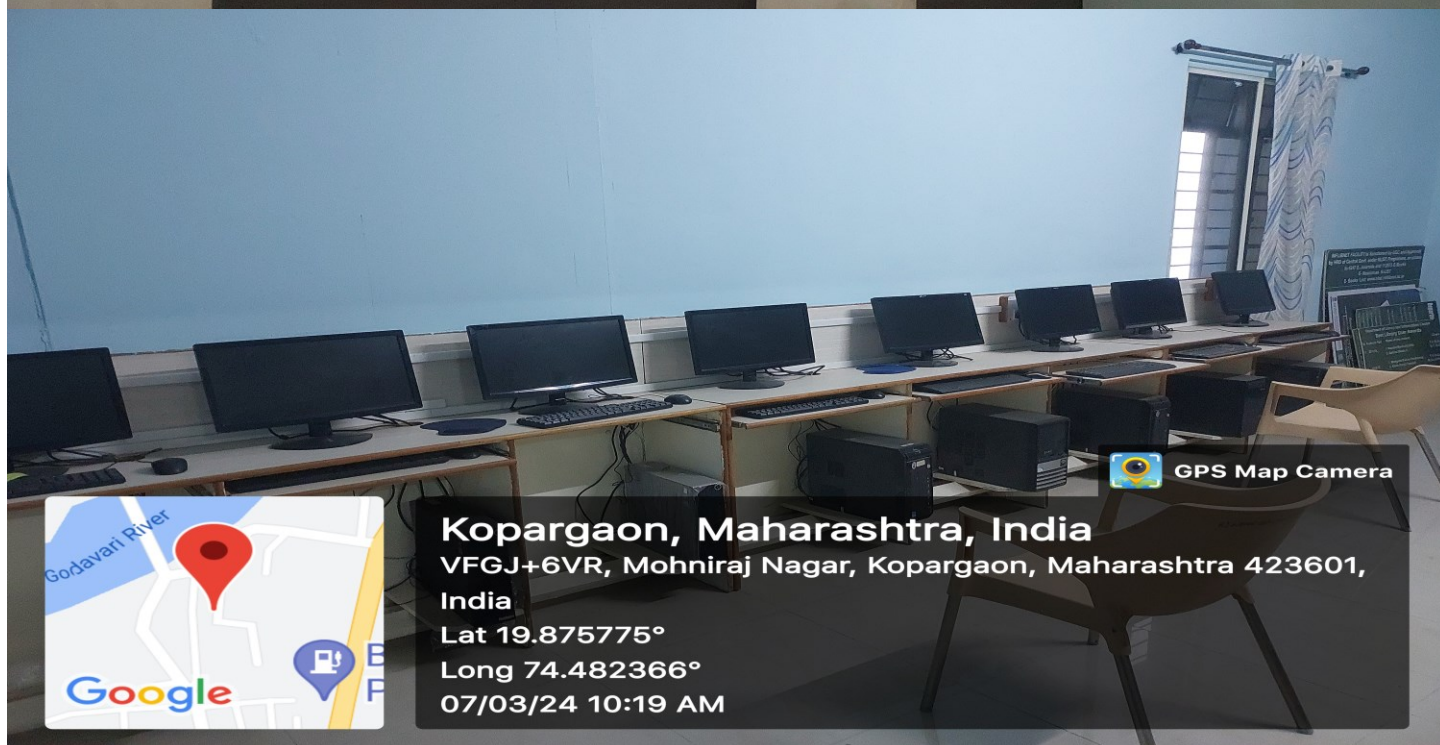
Lat 19.875776°

Long 74.48237°

07/03/24 10:18 AM

**Periodical Section**





**E Zone**



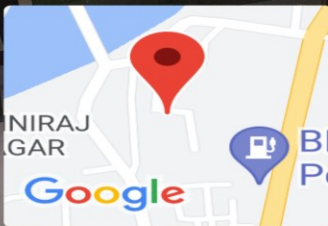


**Reference & Audio Video**





GPS Map Camera



**Kopargaon, Maharashtra, India**  
VFGJ+4VQ, Mohniraj Nagar, Kopargaon, Maharashtra 423601,  
India  
Lat 19.875466°  
Long 74.48258°  
07/03/24 05:05 PM

## Newspapers Section







**Kopargaon, Maharashtra, India**

VFGJ+6VR, Mohniraj Nagar, Kopargaon, Maharashtra 423601,  
India

Lat 19.875759°

Long 74.482235°

07/03/24 10:17 AM

**Reading Section**

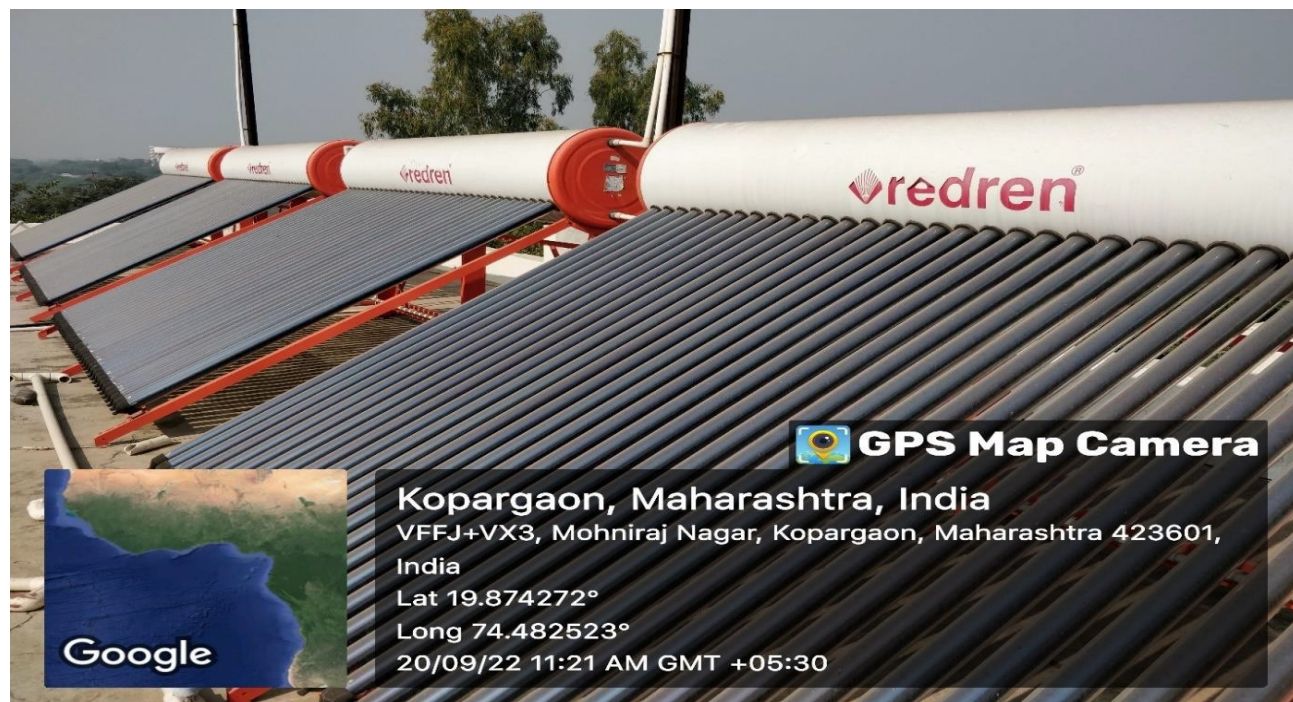


**10kW Solar PV system installed on roof top of Science Building**

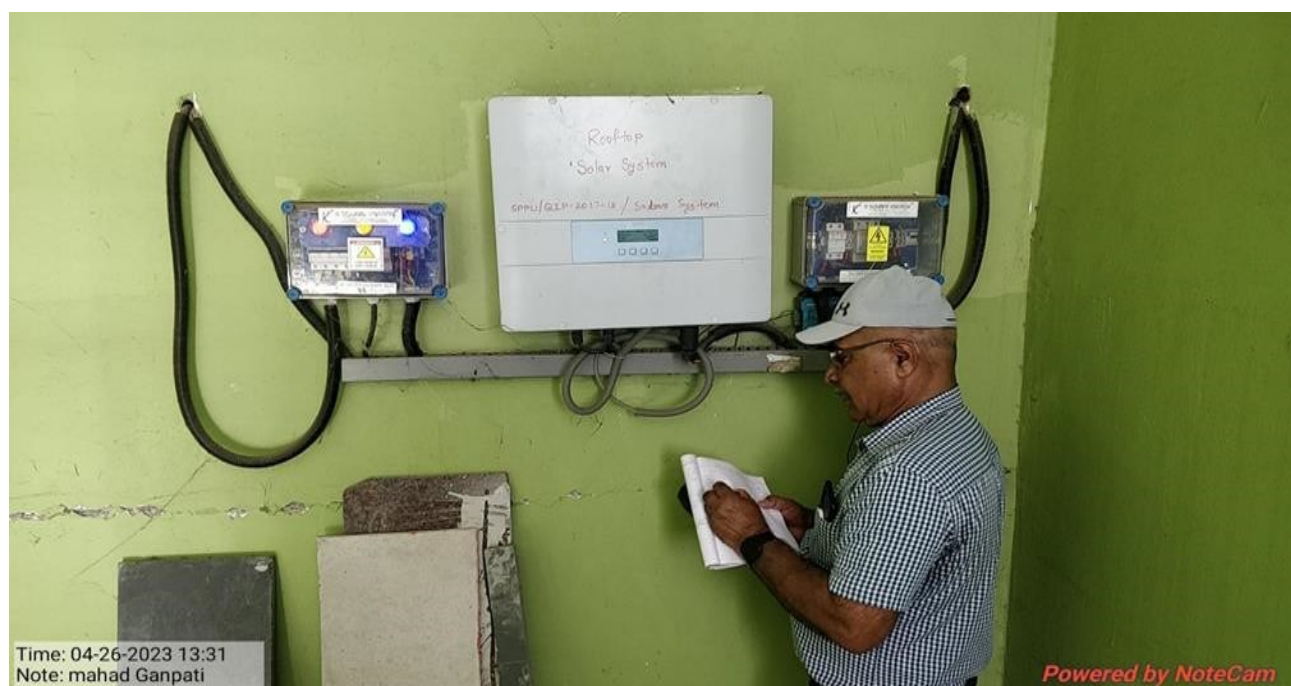


**10kW Solar PV system installed on roof top of Library Building**





**Solar water heater installed on rooftop of Ladies Hostel**

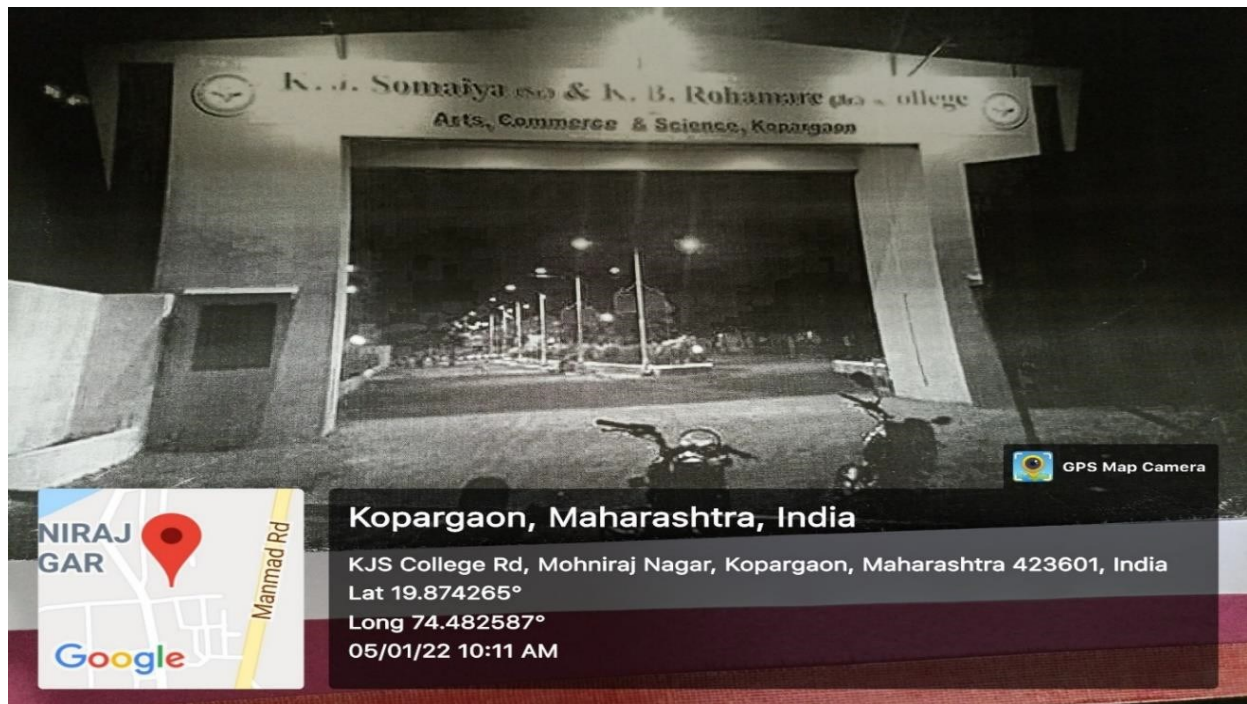


**Energy Auditor Mr. B.L. Deokar doing audit of energy in the year  
2022-2023**

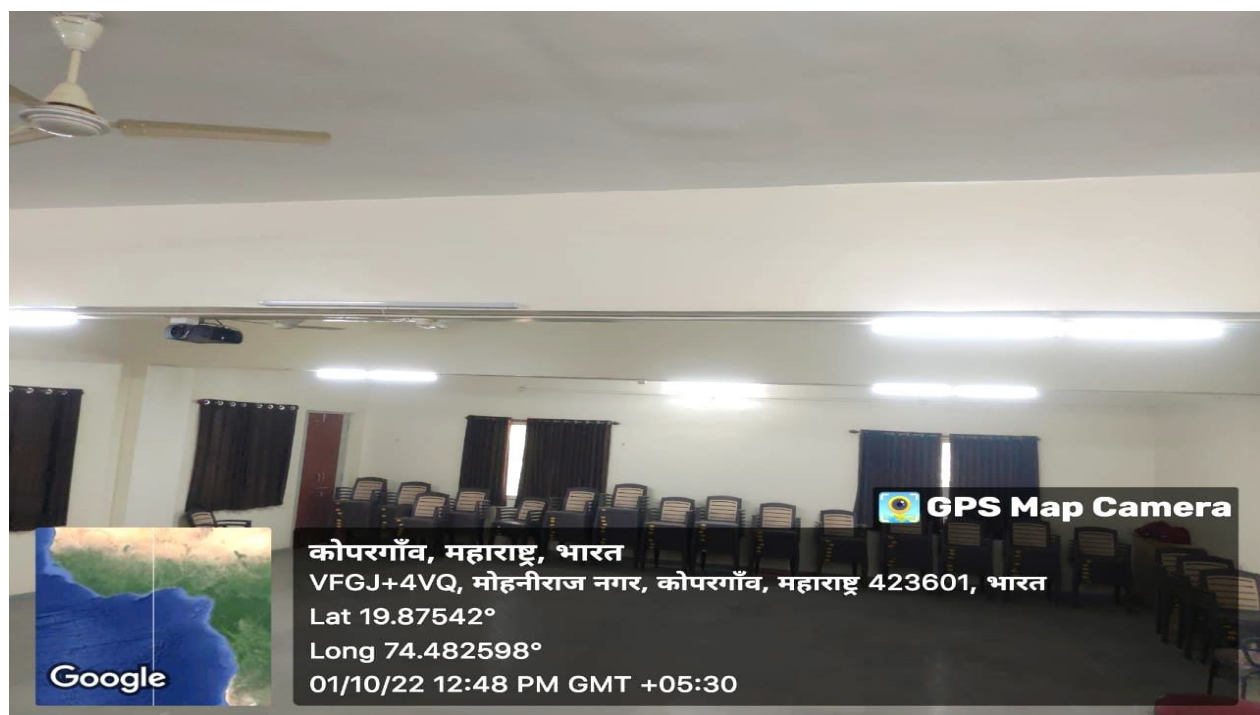


**LED tube light in the Computer Laboratory**





**Street light on the main gate of college**



**LED tube light in the Seminar Hall**



**LED tube light in the Class Room**



## Department of Sports & Physical Education



**Inter college softball competition**



**Inter college softball competition**



**College Ground (In campus)**



**Ground (In Lions Deaf and Dumb School)**





## 10 Obstacle Station



## 10 Obstacle Station





### 10 Obstacle Station (In Deaf and Dumb School)



### Inter class Sports Competition





**Shooting Wall (In Deaf and Dumb School)**





**Winners Inter college Softball Competition**



**State level Badminton Competition**





**Inter class Sport competition**



**Open Gym in Girls hostel**



**National Sports day**



**State level Badminton competition**





**Indoor Gym**



**Indoor Game Hall**



