

4.1.1 CLASSROOM, SEMINAR HALLS AND LABORATORIES

CLASSROOMS & SEMINAR HALLS

LABORATORIES

S.No.	Name of the Academic Block	Page No.	S.No.	Name of the Academic Block	Page No.
1.	ACADEMIC BLOCK - I	3-36	1.	ACADEMIC BLOCK - I	252-268
2.	ACADEMIC BLOCK - II	37-51	2.	ACADEMIC BLOCK - II	269-293
3.	ACADEMIC BLOCK - III	52-61	3.	ACADEMIC BLOCK - III	294-312
4.	ACADEMIC BLOCK - IV	62-73	4.	ACADEMIC BLOCK - IV	313-329
5.	ACADEMIC BLOCK - V	74-86	5.	ACADEMIC BLOCK - V	330-332
6.	ACADEMIC BLOCK - VI	87-117	6.	ACADEMIC BLOCK - VI	333-343
7.	ACADEMIC BLOCK - VII	118-153	7.	ACADEMIC BLOCK - VII	344-349
8.	ACADEMIC BLOCK - VIII	154-183	8.	ACADEMIC BLOCK - VIII	350-375
9.	ACADEMIC BLOCK - IX	184-206	9.	ACADEMIC BLOCK - IX	376-380
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11.	ACADEMIC BLOCK - XI	243-250	11.	ACADEMIC BLOCK - XI	388-392

ACADEMIC BLOCK-I

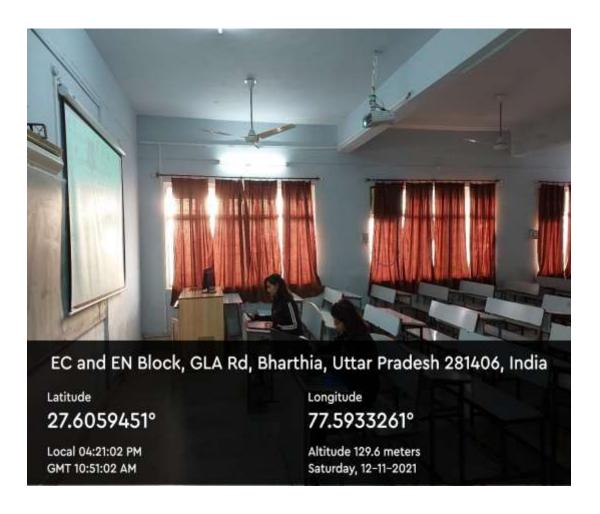
SEMINAR HALL NO. 113



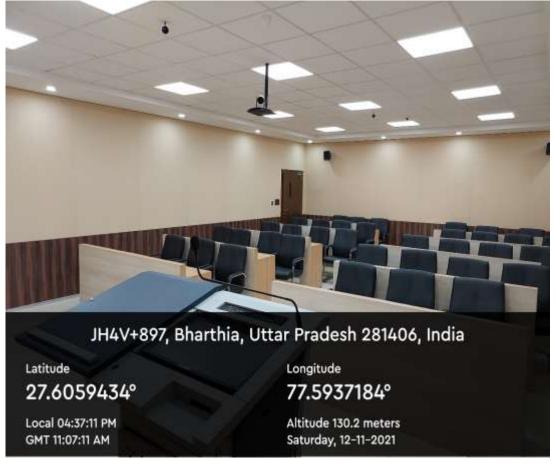


LCD Projector, Computer, LAN, Speakers

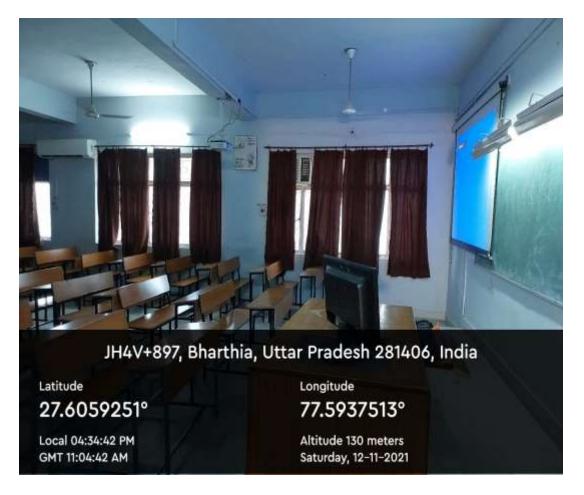


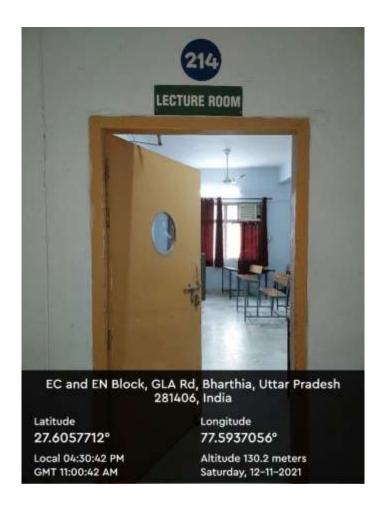




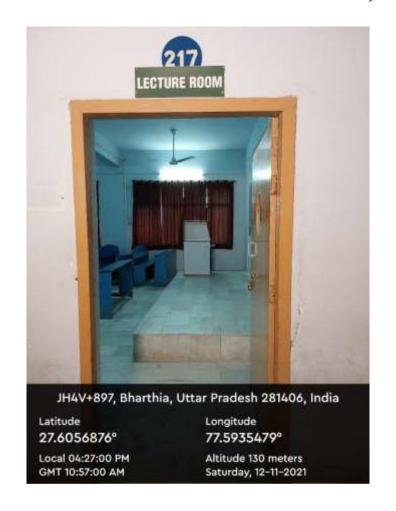




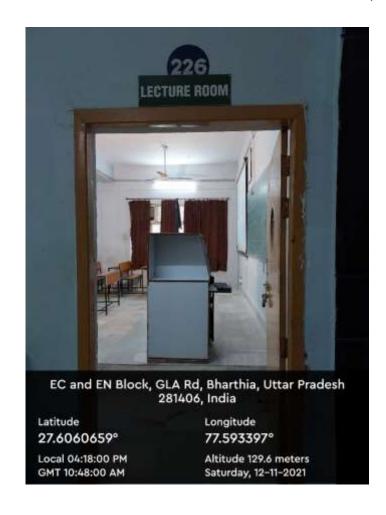






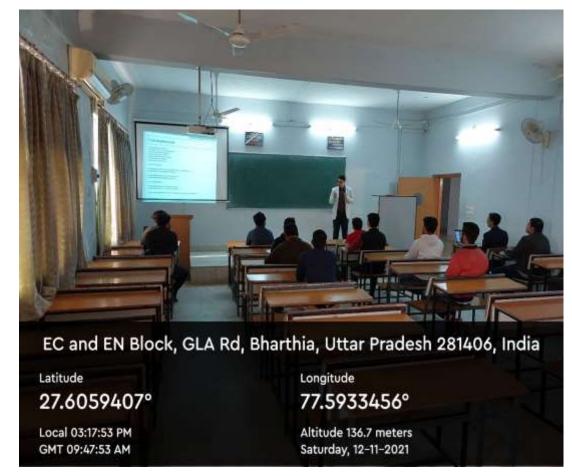


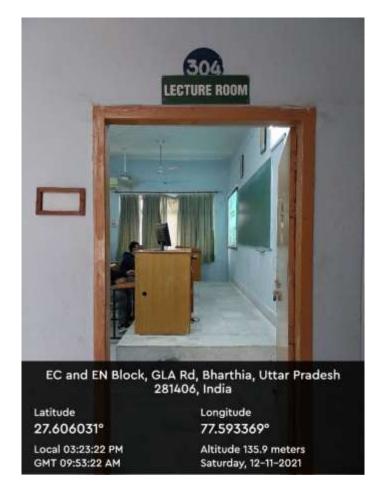






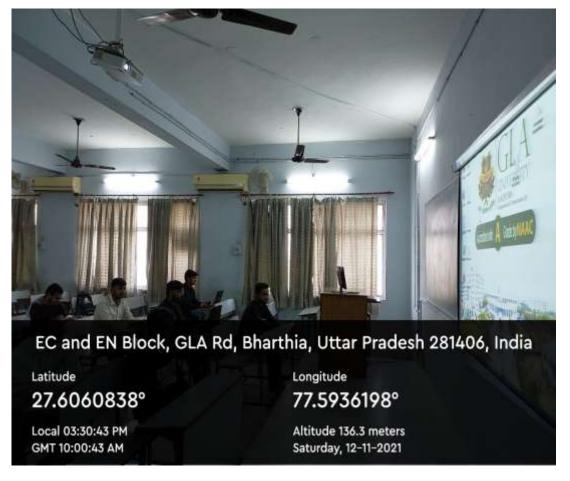






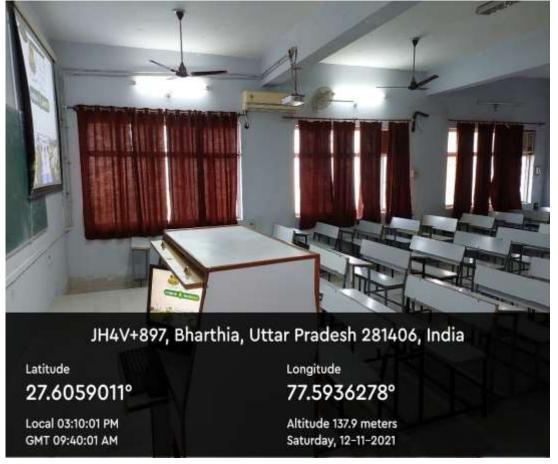






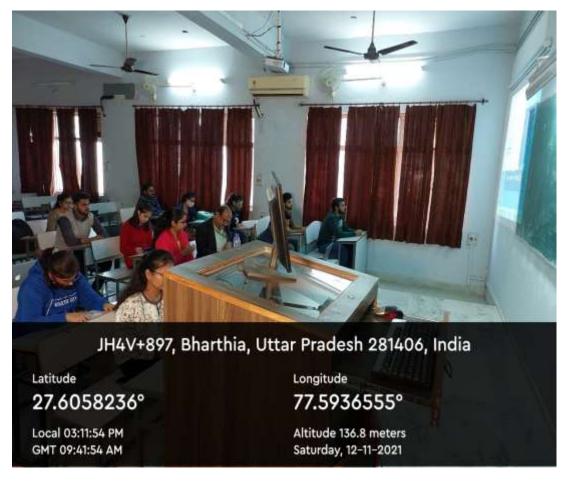
CLASS ROOM NO. 311(A)



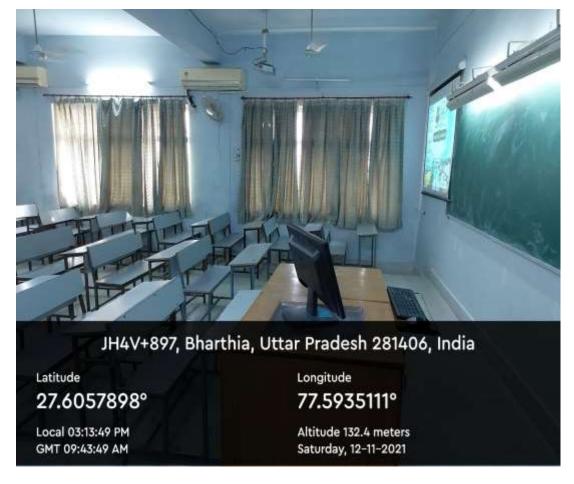


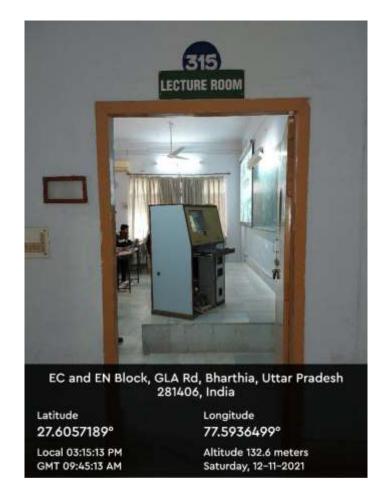
CLASS ROOM NO. 311(B)

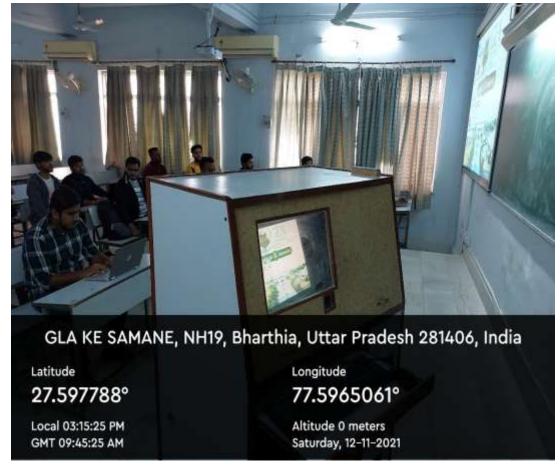


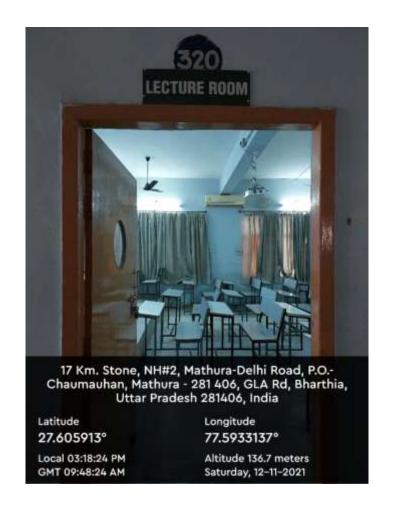






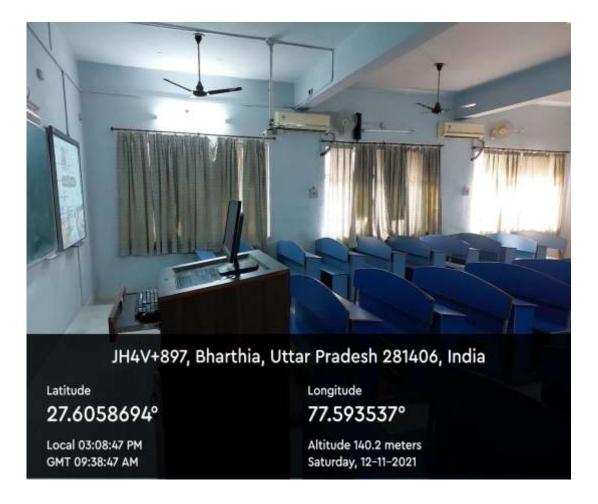






















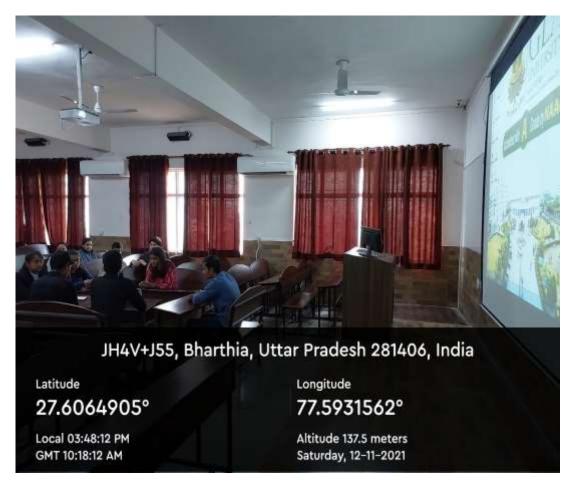


Portable LCD Projector, Computer, LAN



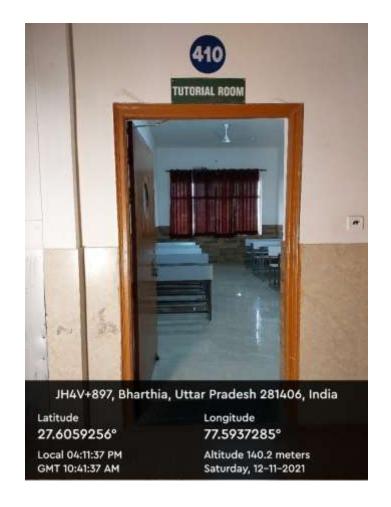










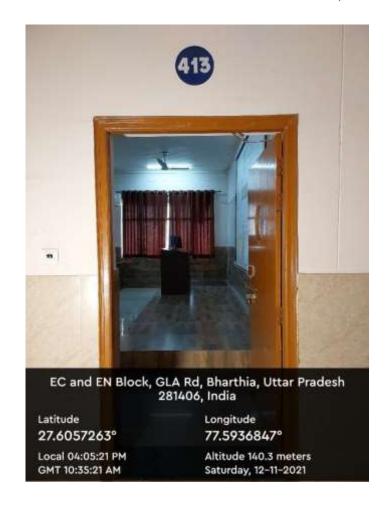




Portable LCD Projector, Computer, LAN









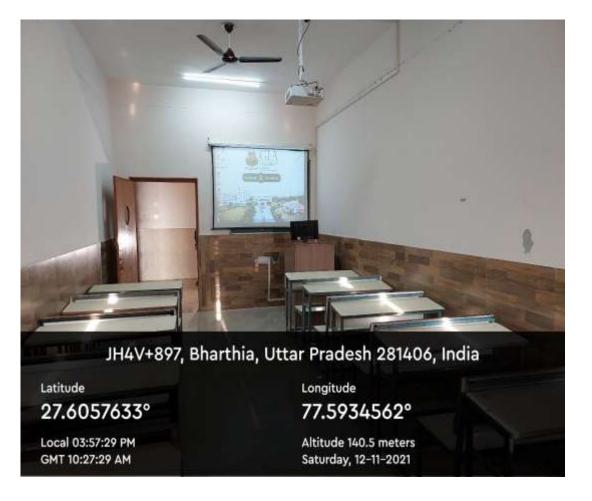






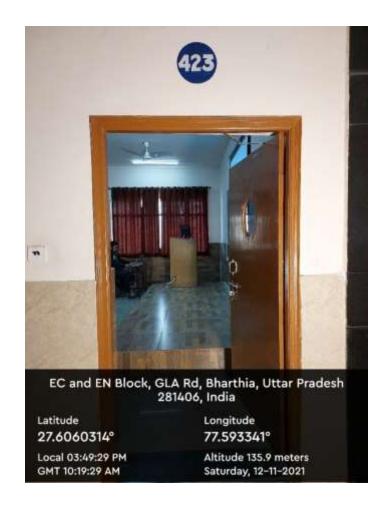






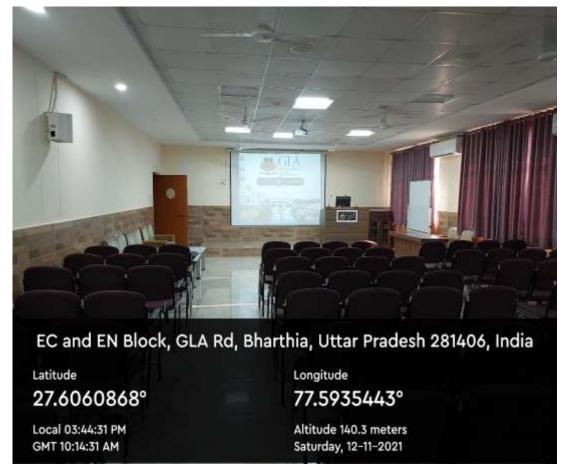




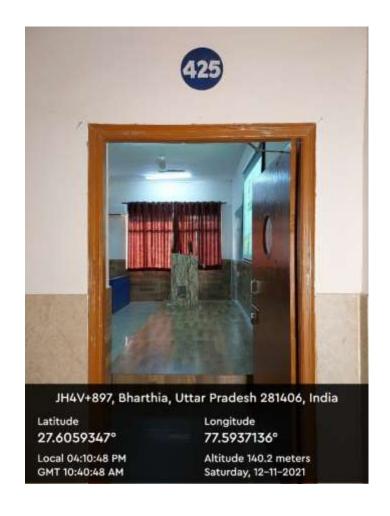




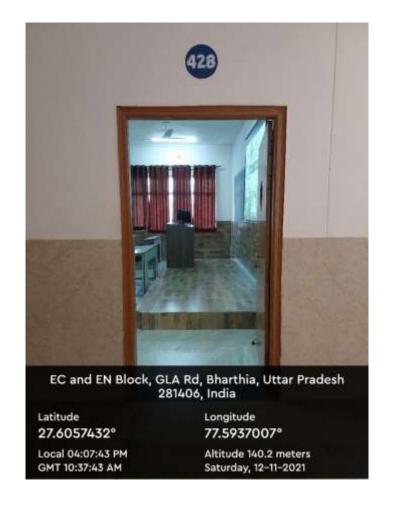




LCD Projector, Computer, LAN, Speakers



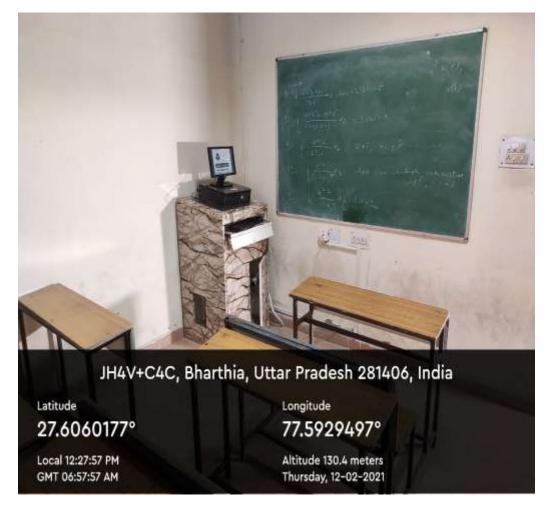


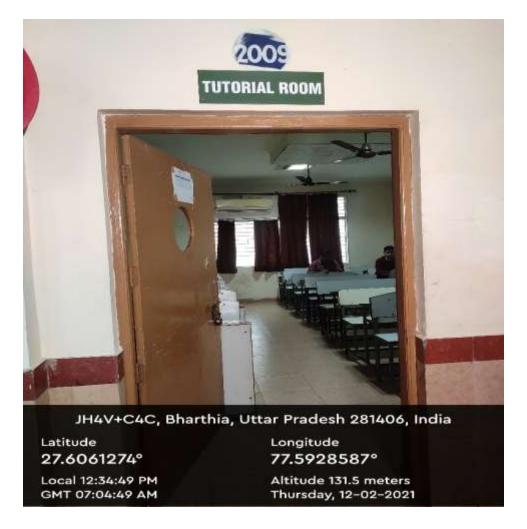




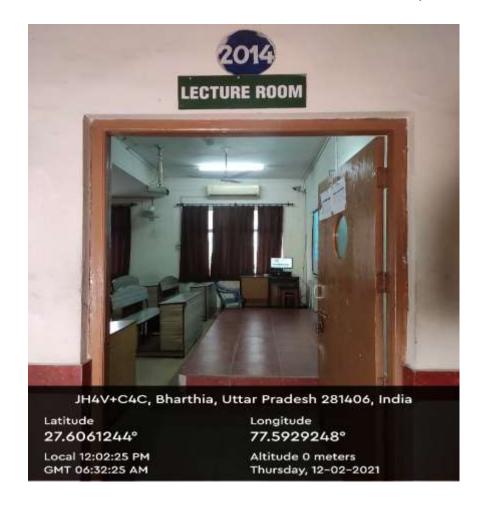
ACADEMIC BLOCK-II

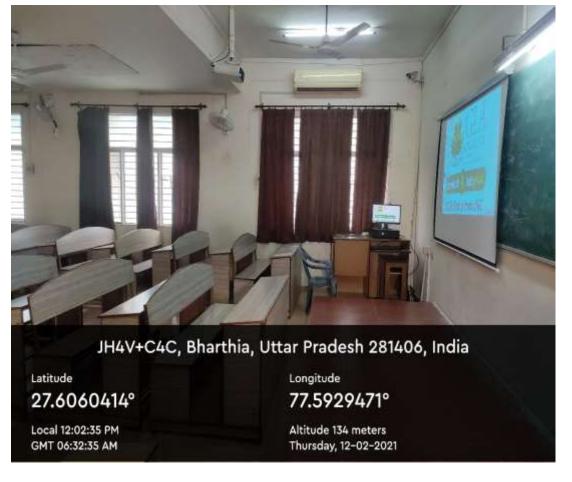








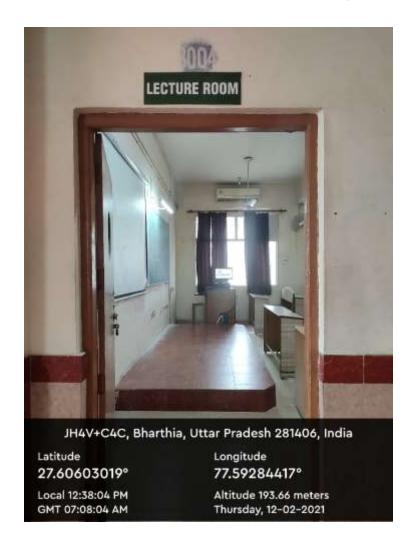








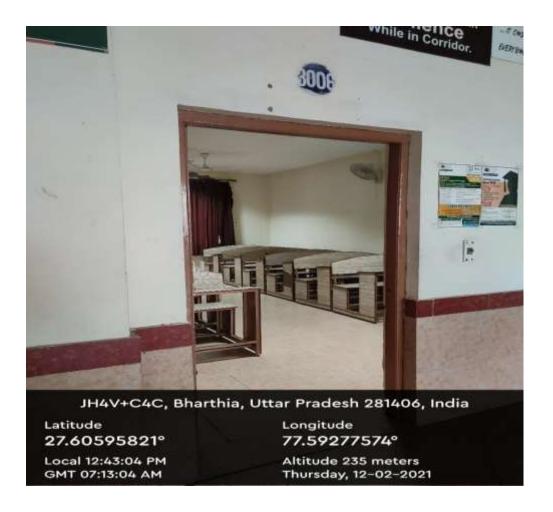
LCD Projector, LAN, Computer, Smart board













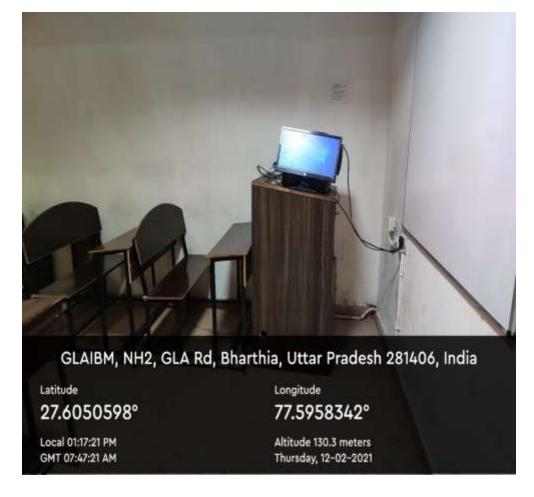




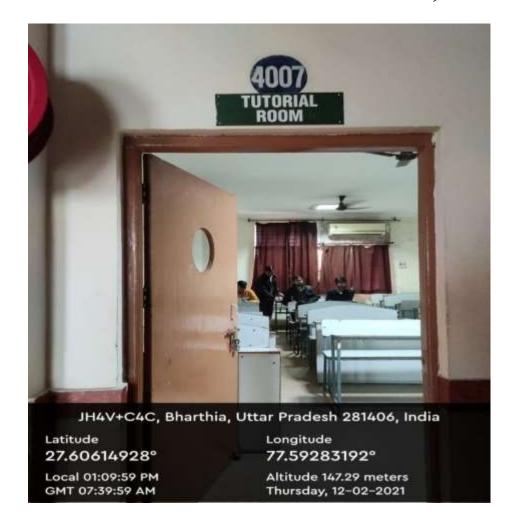


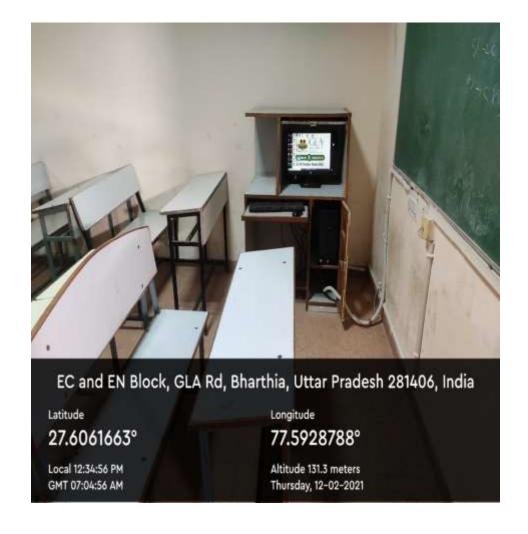




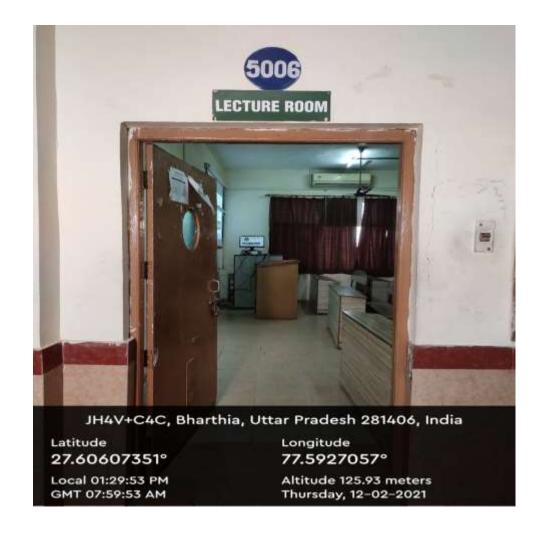


Portable LCD Projector, LAN, Computer





Portable LCD Projector, LAN, Computer





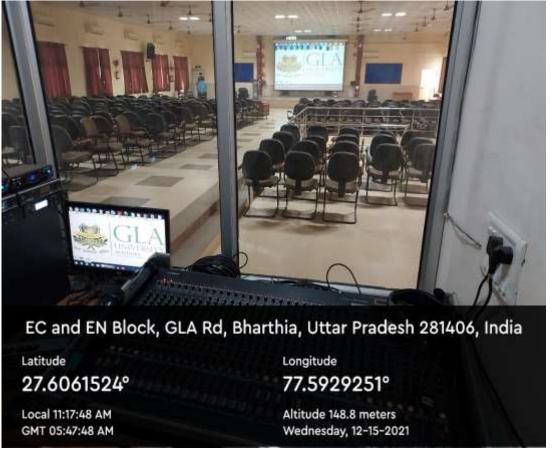




LCD Projector, LAN, Computer, Smart board

SEMINAR HALL NO. 6000





LCD Projector, LAN, Wi-Fi, Computer, Music System, Speakers

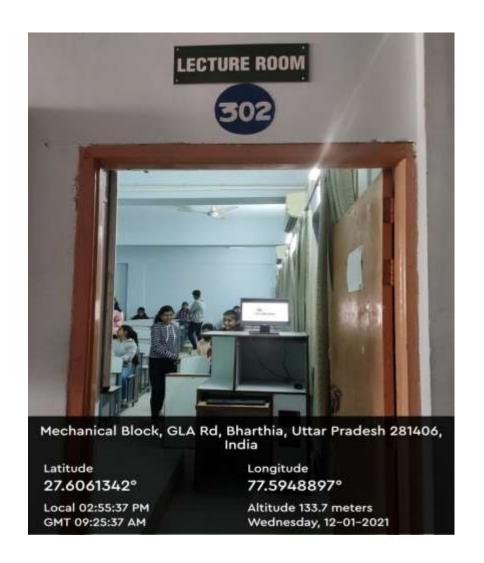
ACADEMIC BLOCK-III







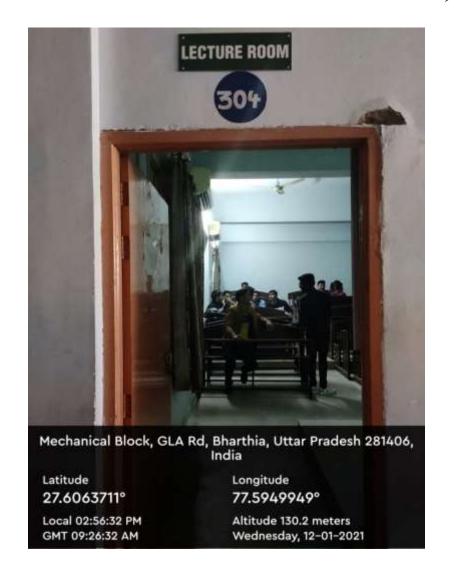




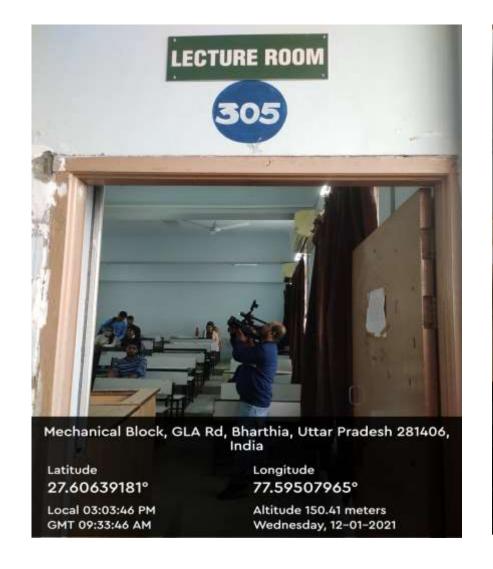










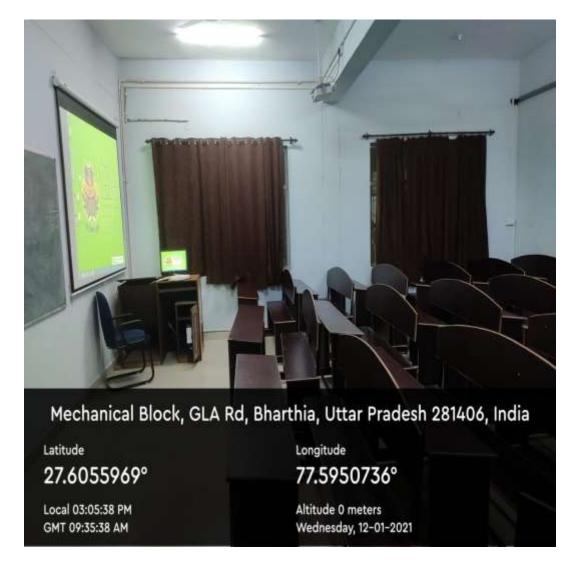








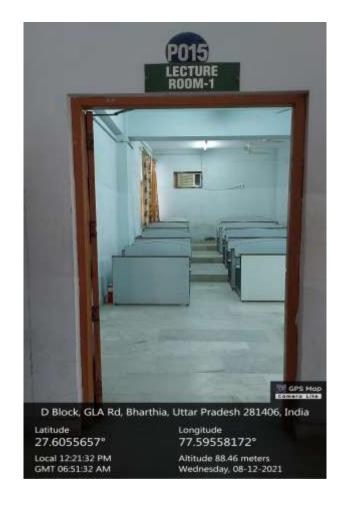


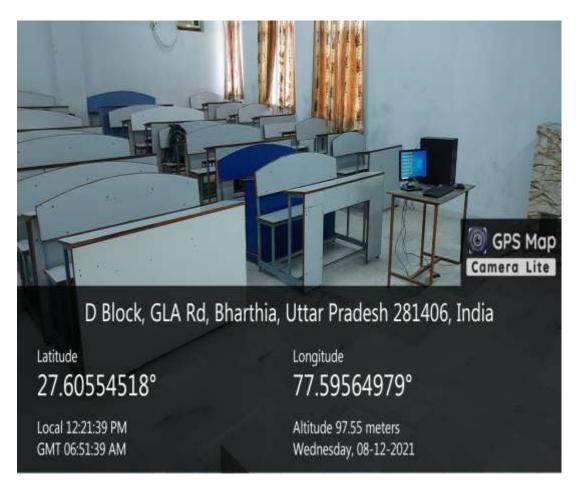






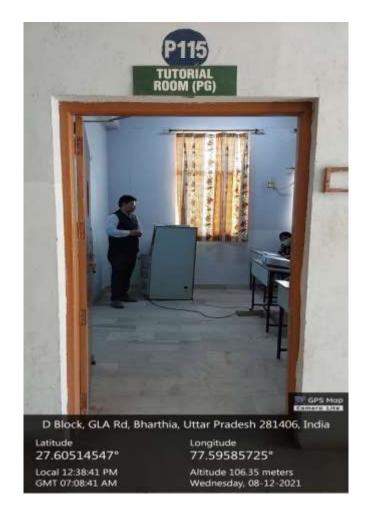
ACADEMIC BLOCK-IV







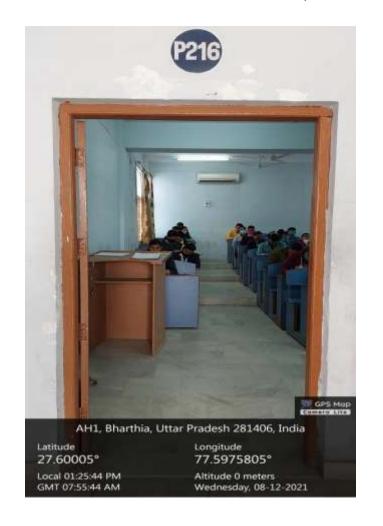










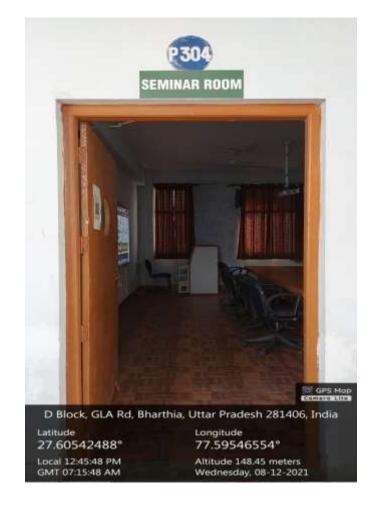




Portable LCD Projector, Desktop, Wi-Fi/LAN



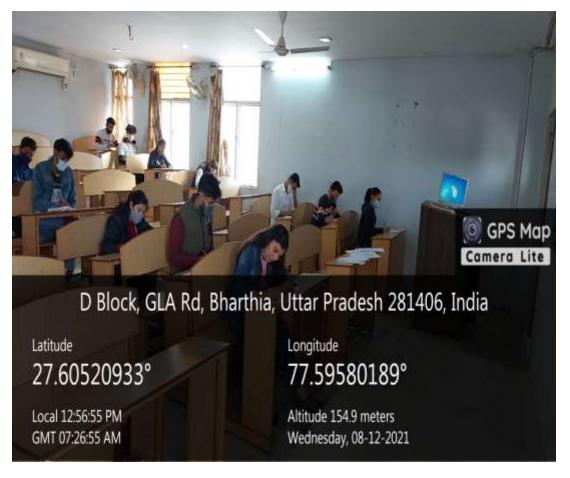




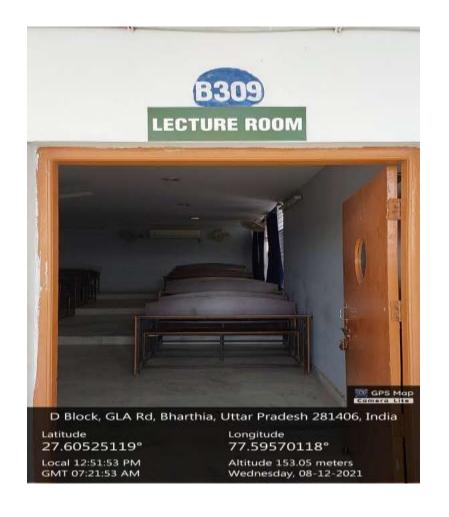


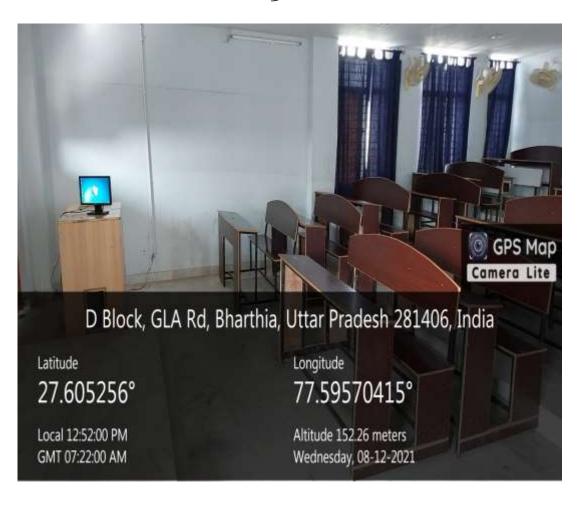
LCD Projector, Desktop, Speaker, Camera, Wi-Fi/LAN





Portable LCD Projector, Desktop, Speaker, Camera, Wi-Fi/LAN









Portable LCD Projector, Desktop, Wi-Fi/LAN





ACADEMIC BLOCK-V





Desktop (HP3090C2D), LCD Projector, Smart Board









SEMINAR HALL NO. BO12



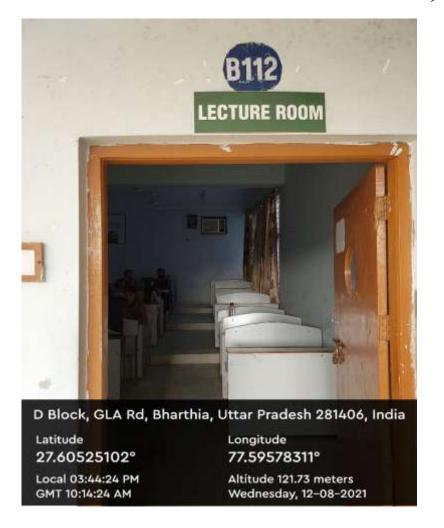


Desktop (HP6200Pro), LCD Projector, PA System

SEMINAR HALL NO. B111













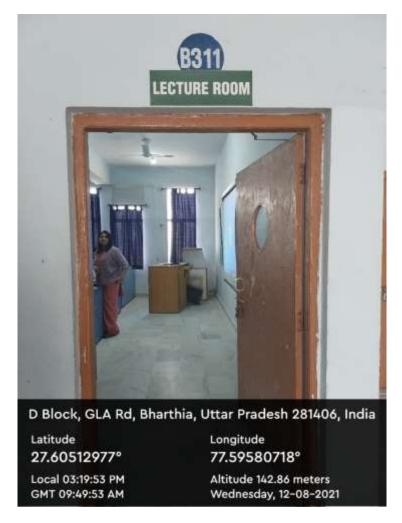








Desktop (Dell Optiplex330), LCD Projector





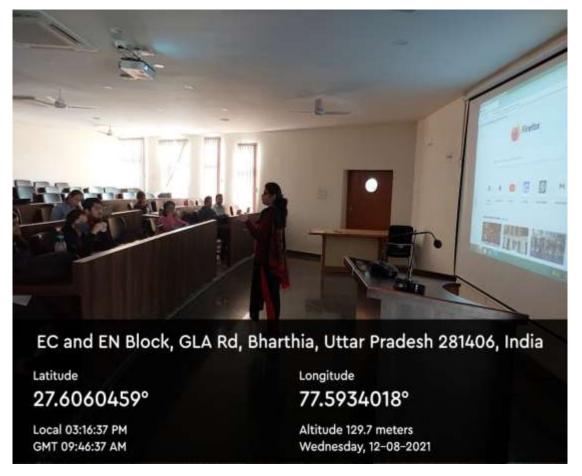
Desktop (DellVostro220), LCD Projector





Desktop (DellVostro220), LCD Projector

SEMINAR HALL-THIRD FLOOR





Desktop (HP6200Pro), LCD Projector, PA System

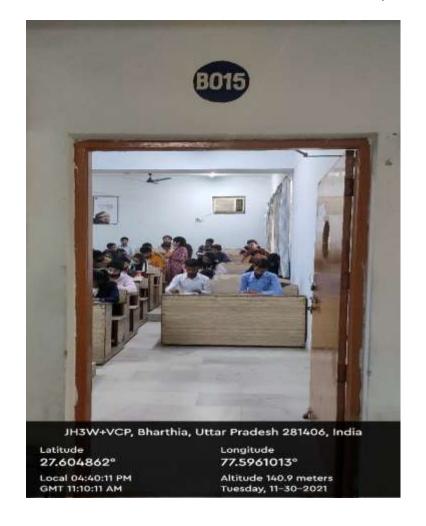
ACADEMIC BLOCK-VI









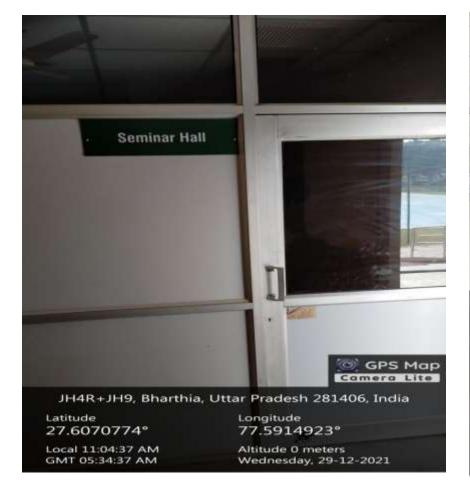






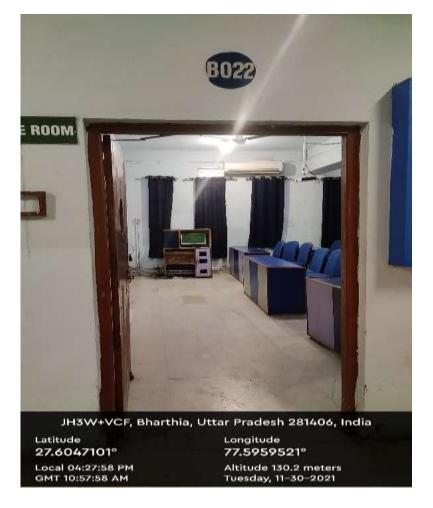


SEMINAR HALL NO. BO20





DELL Vostro 220, LCD Projector













SEMINAR HALL-FIRST FLOOR



























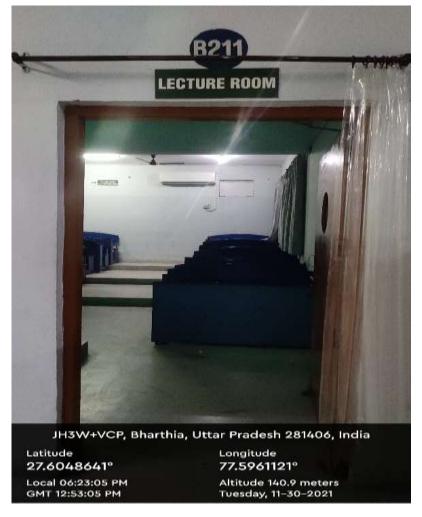






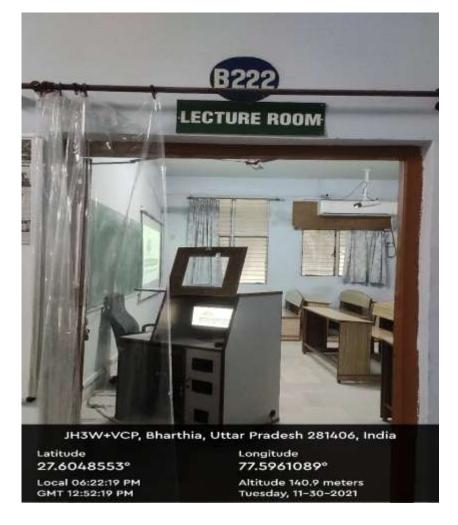








CLASS ROOM NO. B222 (A)





CLASS ROOM NO. B222 (B)





CLASS ROOM NO. B301(I)



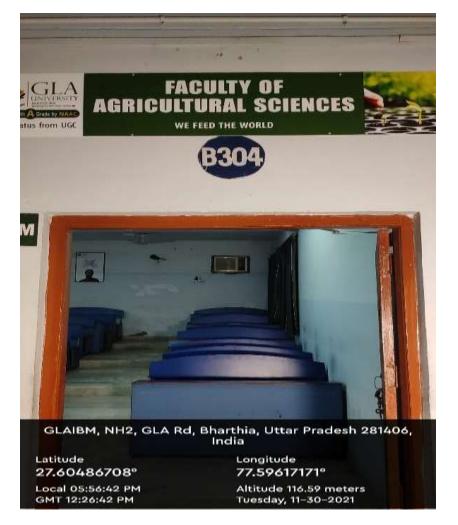


DELL Optiplex 330, LCD Projector, Sound system, Smart Board





DELL Optiplex 330, LCD Projector





DELL Computer, LCD Projector, LAN





DELL Optiplex 330, LCD Projector, LAN





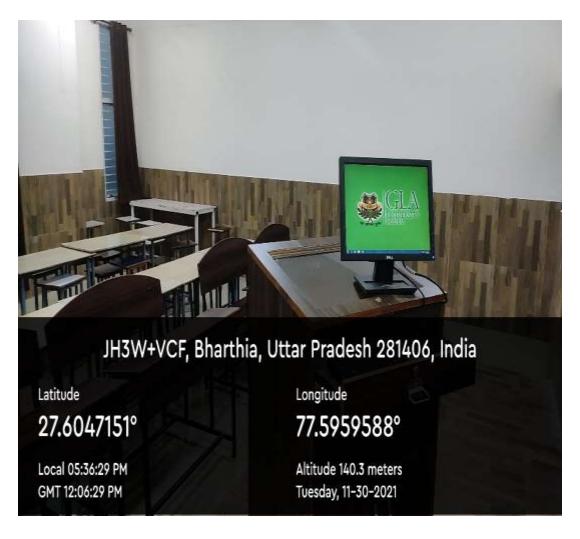
DELL Vostro 220, LCD Projector





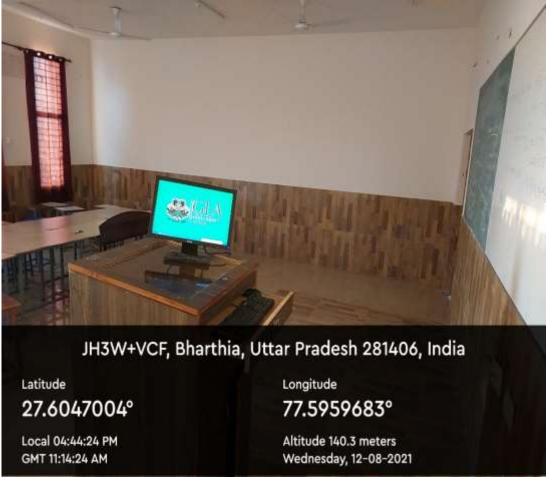
DELL Vostro 220, LCD Projector,





Portable LCD Projector, HP Desktop



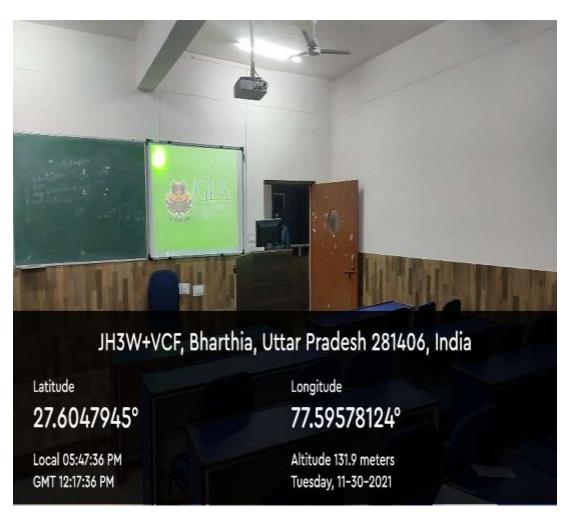


Portable LCD Projector, HP Desktop



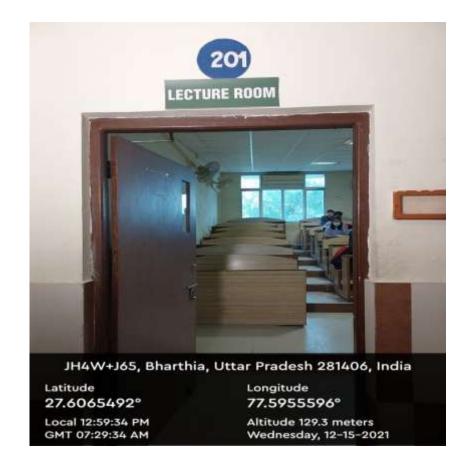






DELL Vostro 220, Camera, LCD Projector, Sound system, Smart Board

ACADEMIC BLOCK-VII





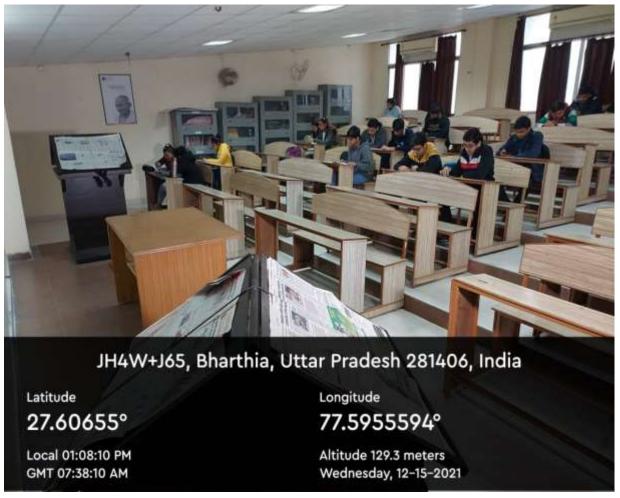










































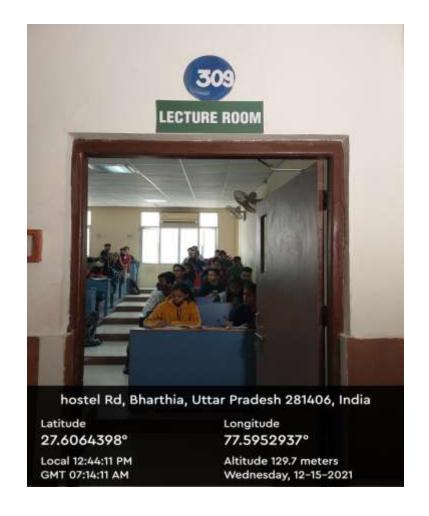




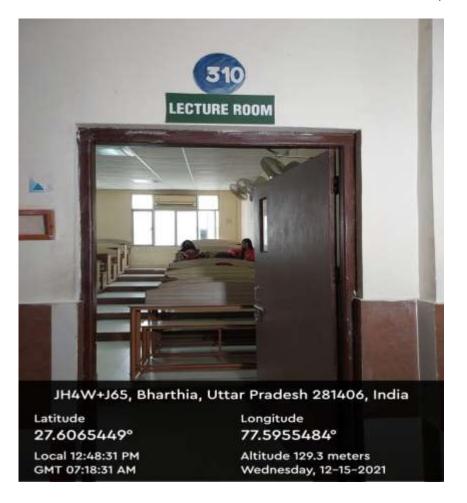








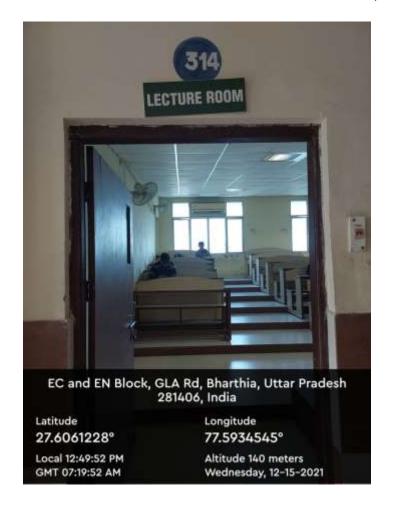






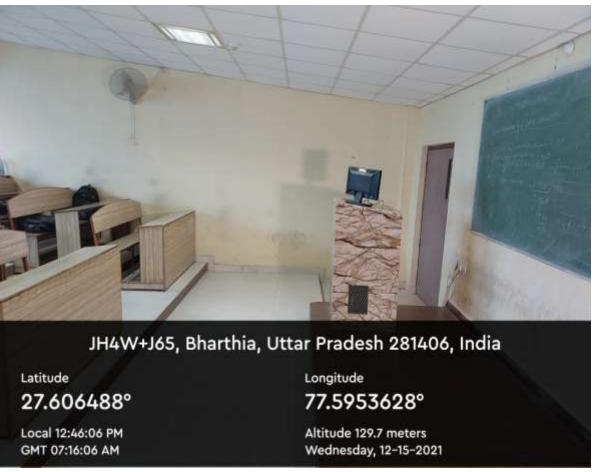




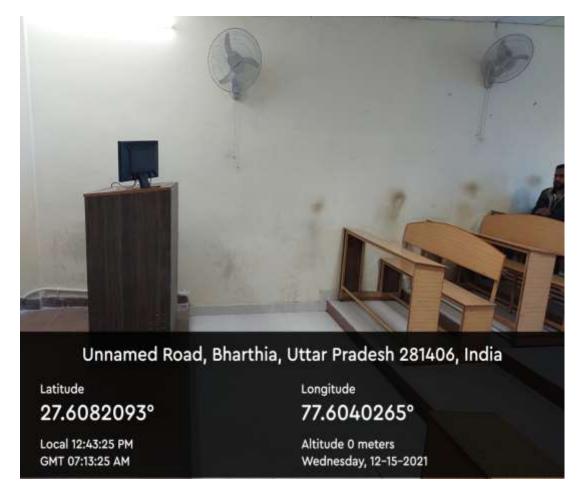












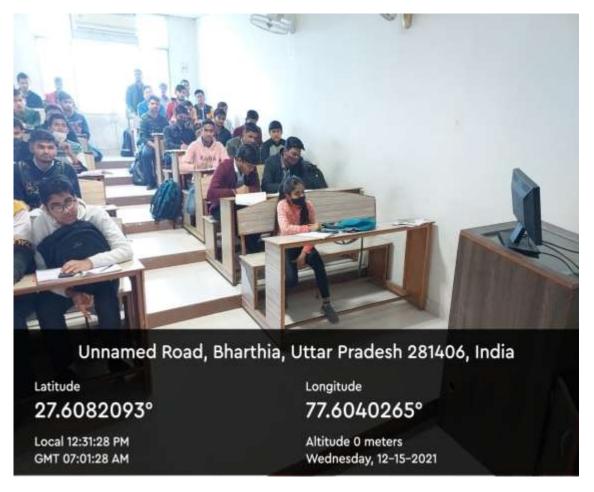






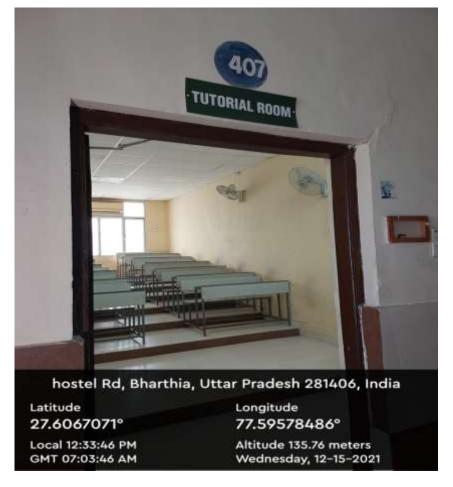


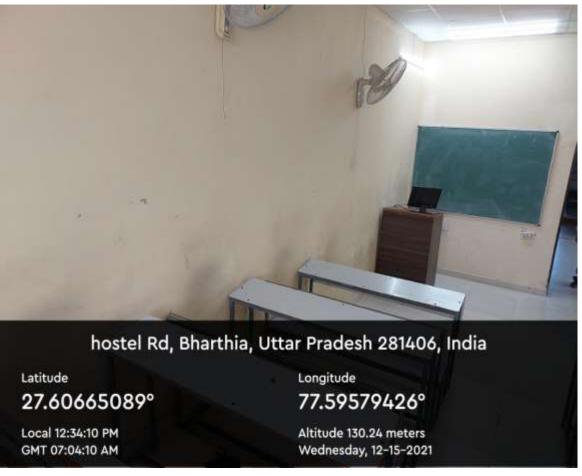


















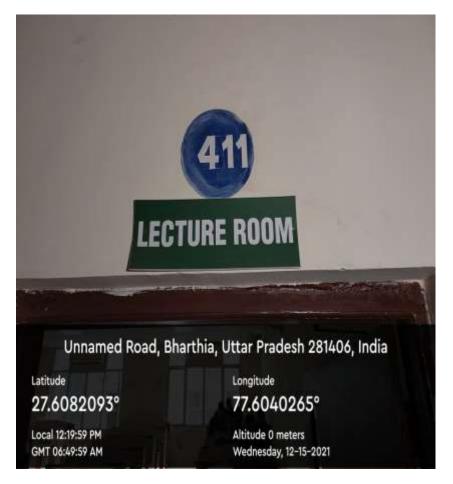


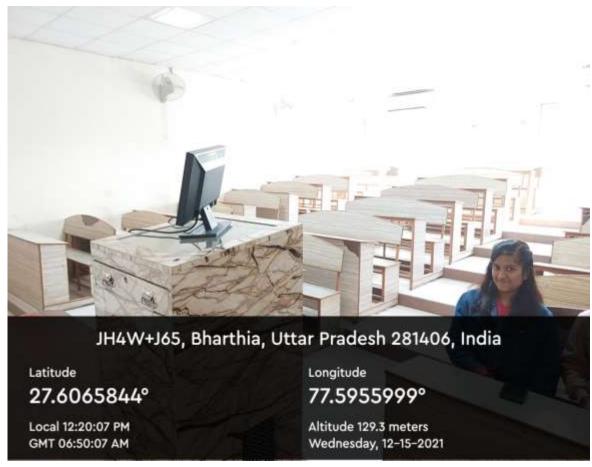
Portable LCD Projector, Wi-Fi/LAN, Computer System





Portable LCD Projector, Wi-Fi/LAN, Computer System









Portable LCD Projector, Wi-Fi/LAN, Computer System



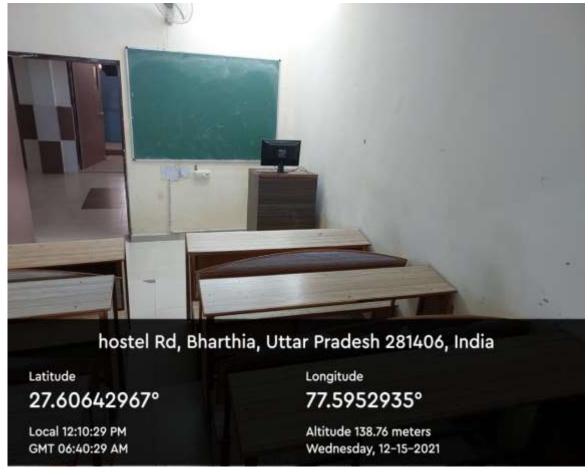


Portable LCD Projector, Wi-Fi/LAN, Computer System













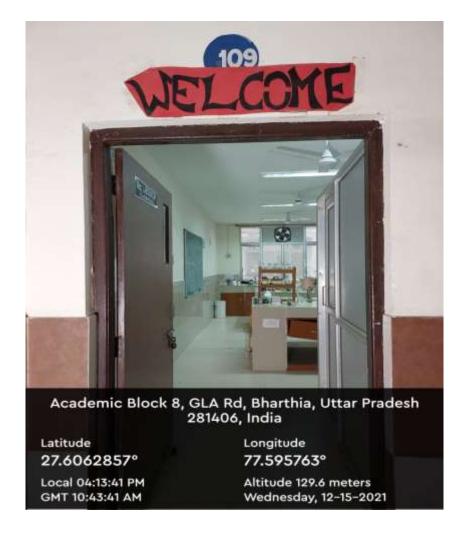
Portable LCD Projector, Wi-Fi/LAN, Computer System

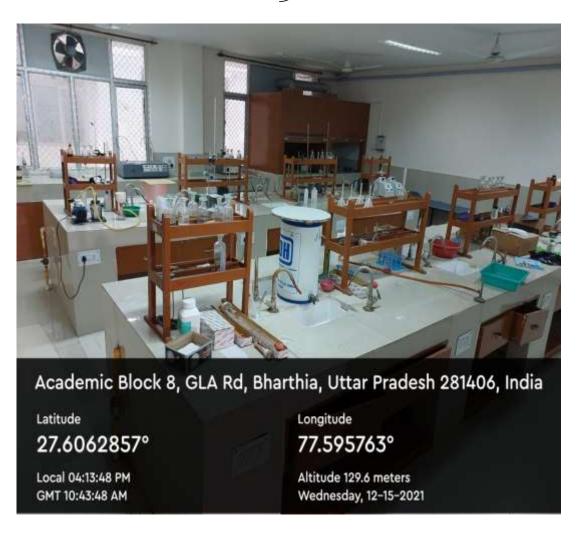




Portable LCD Projector, WiFi/LAN, Computer System

ACADEMIC BLOCK-VIII





SEMINAR HALL NO. 121





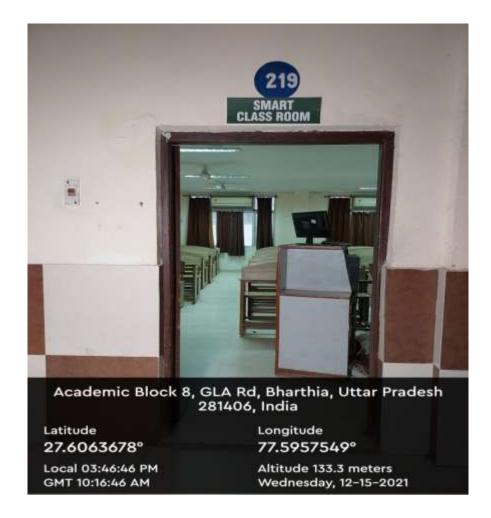
LCD Projector, Wi-Fi, LAN, Public address system, Speaker







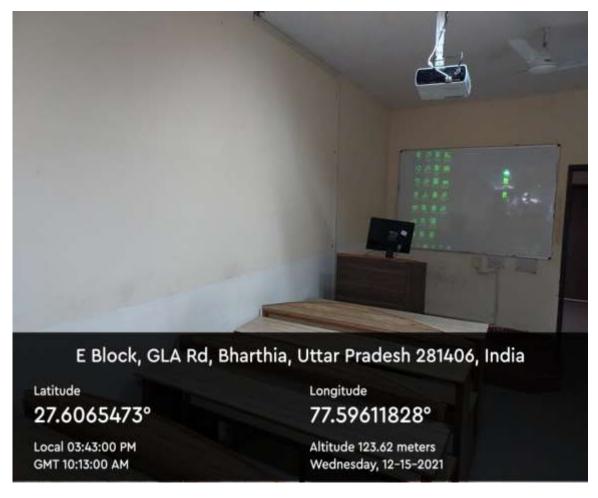






LCD Projector, Smart board, PA system, Computer, LAN, Speaker, Wi-fi













LCD Projector, Computer, LAN, PA system, Wi-fi

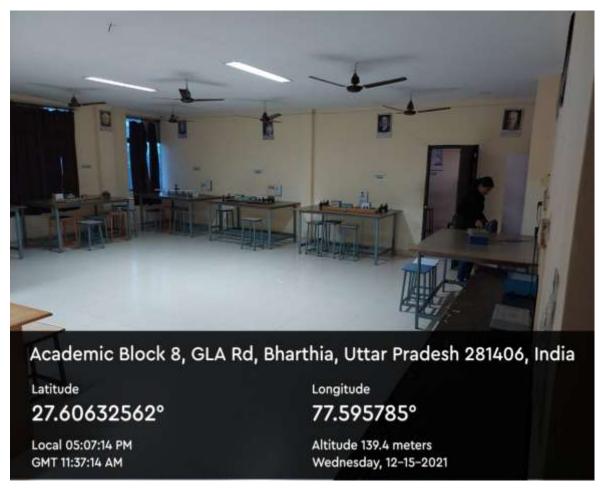












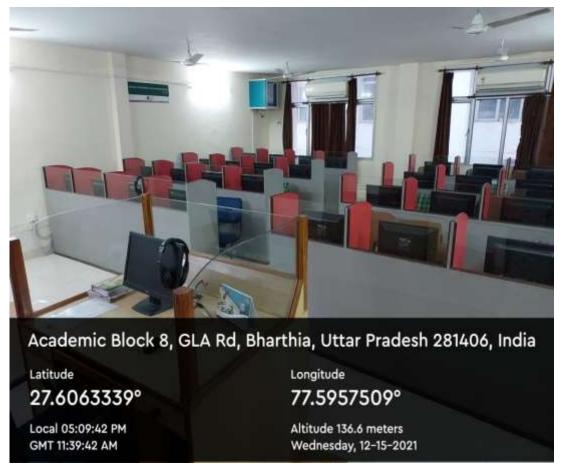












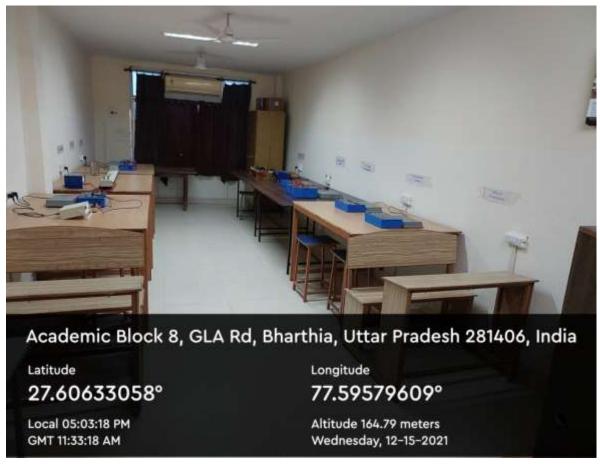




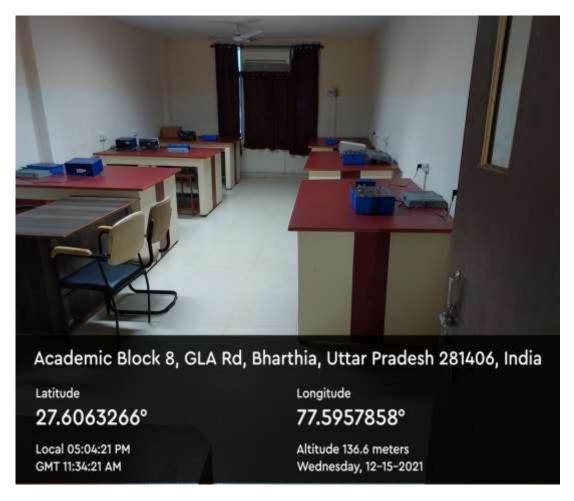
















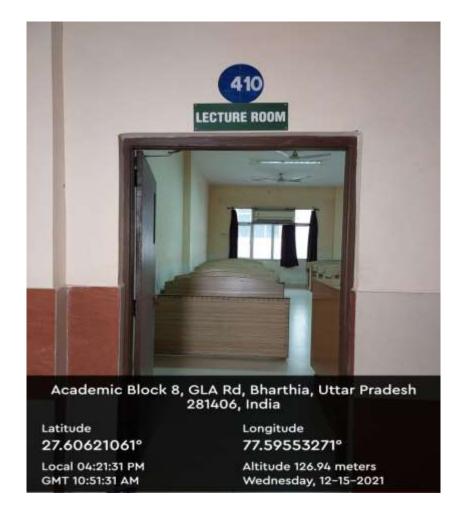


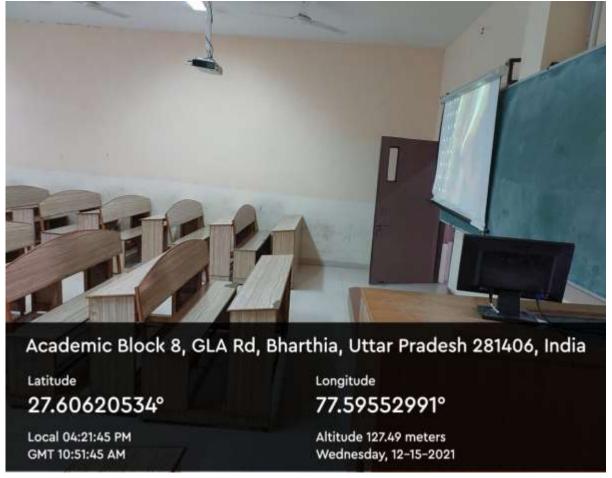


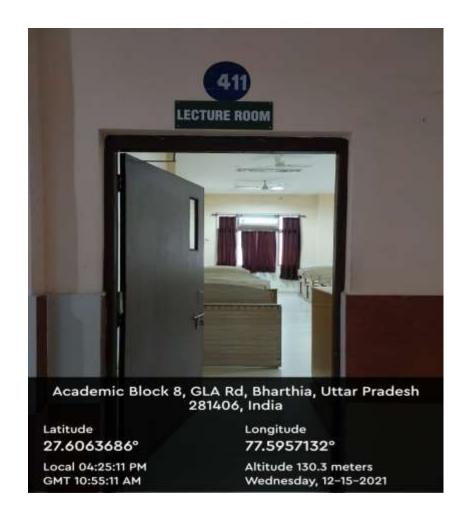




CLASS ROOM NO - 410









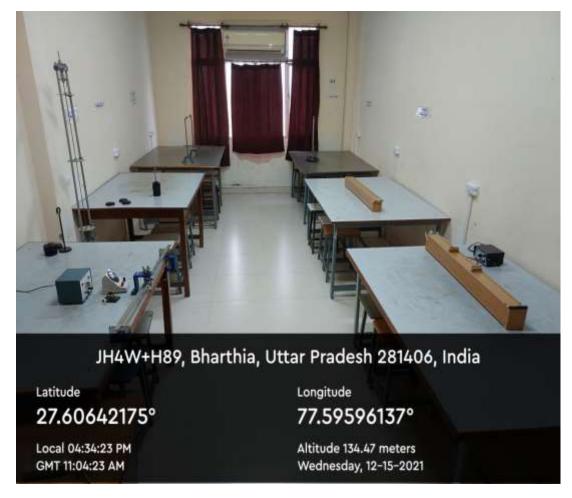






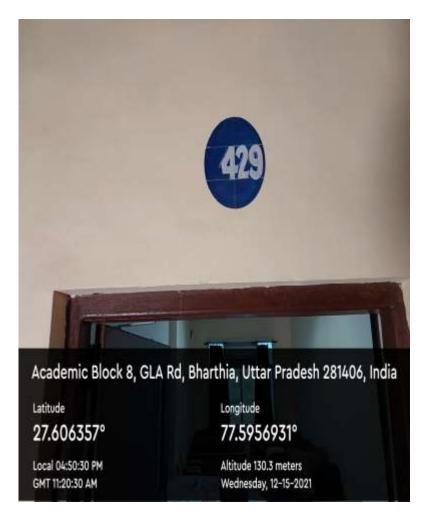


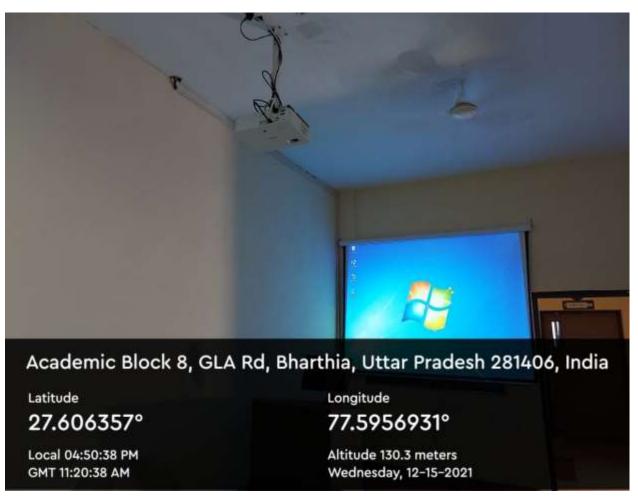




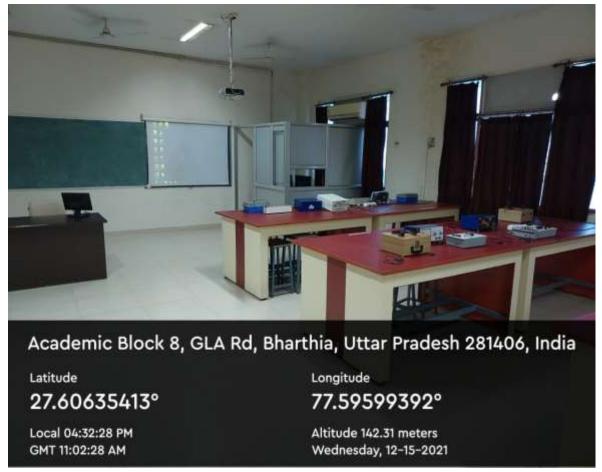












ACADEMIC BLOCK-IX





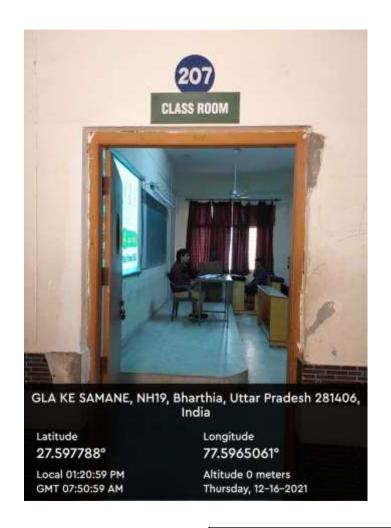
LCD Projector, Computer, LAN, PA System, Speaker, Smart Board





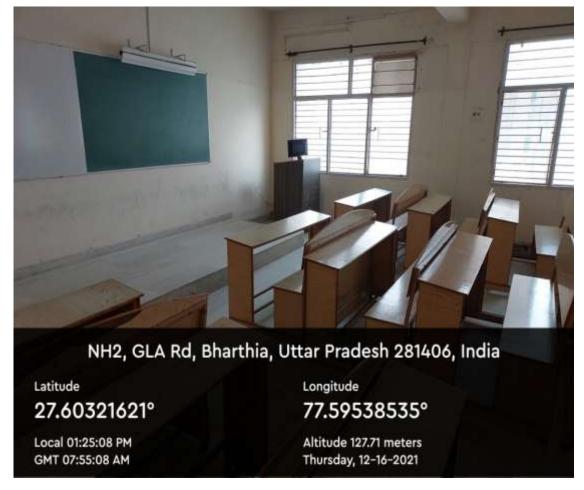


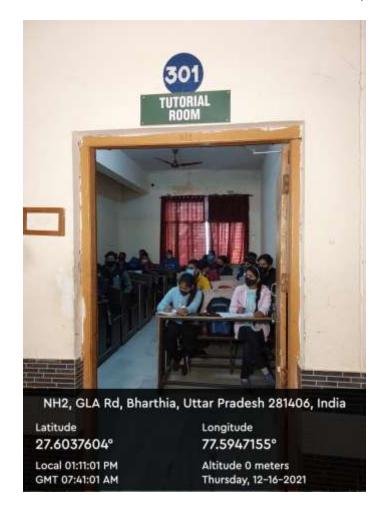






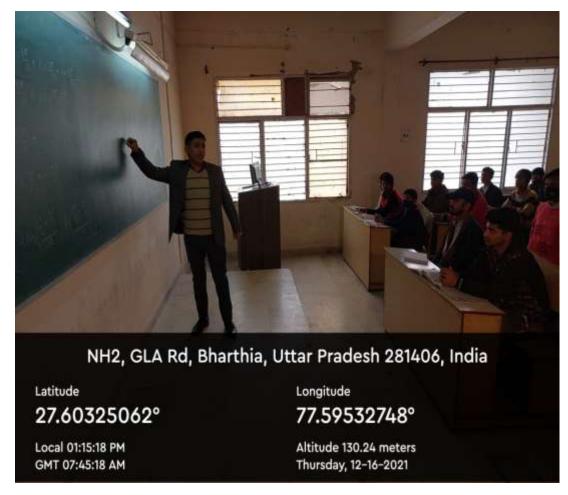




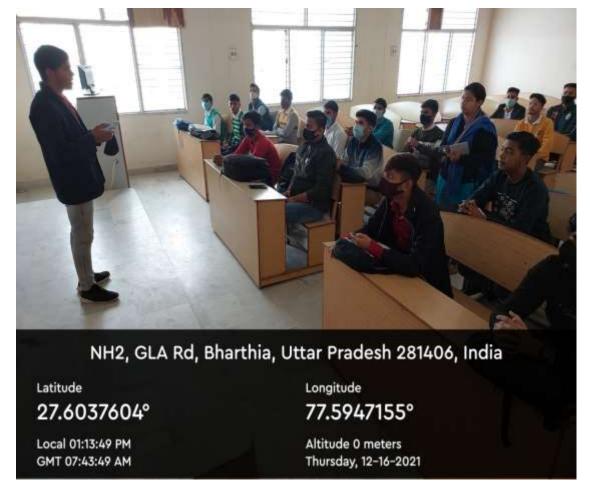




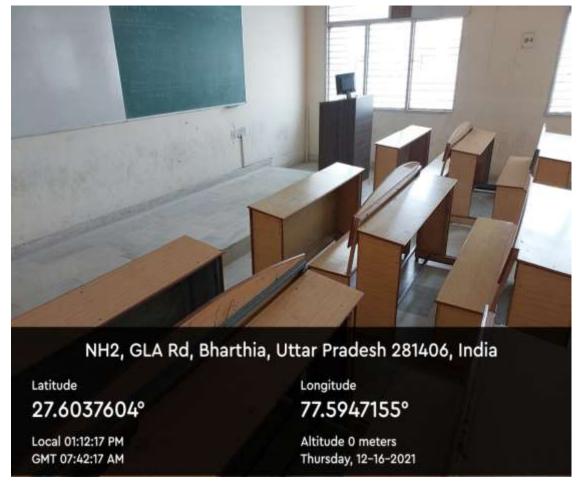


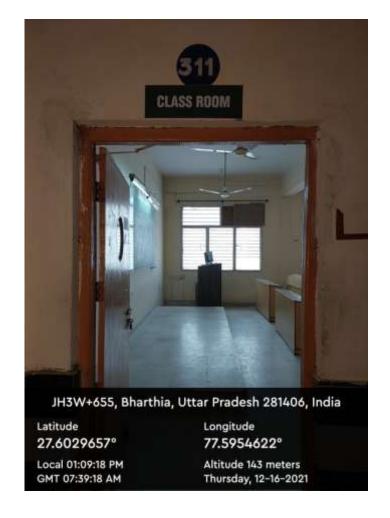


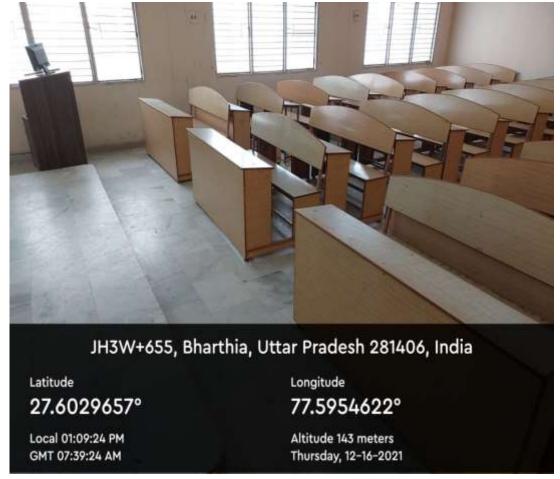












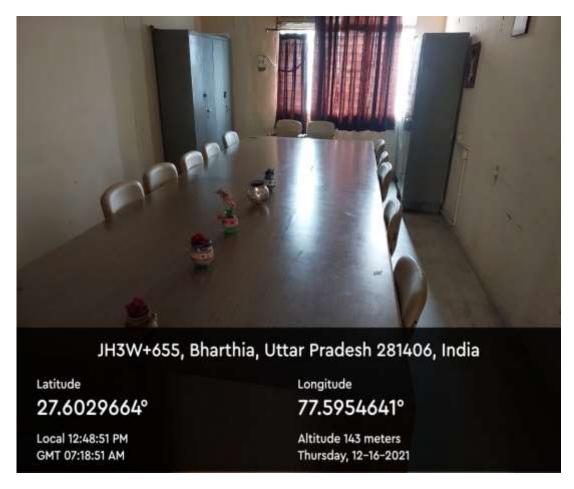












LAN

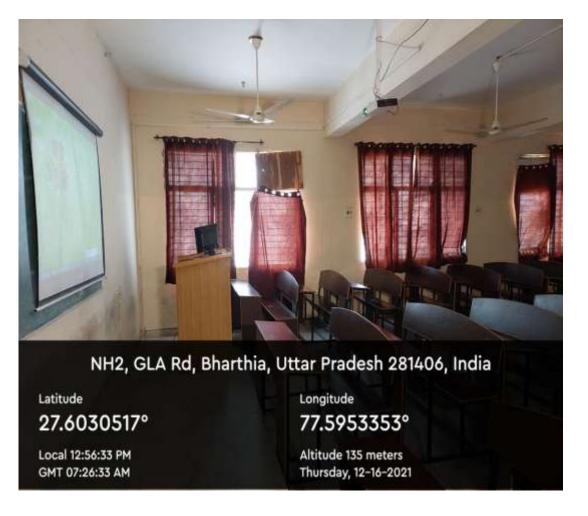














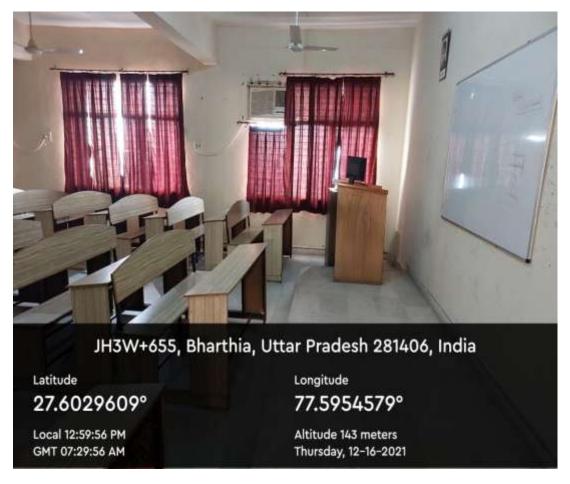






LCD Projector, Computer, LAN, PA System, Speaker



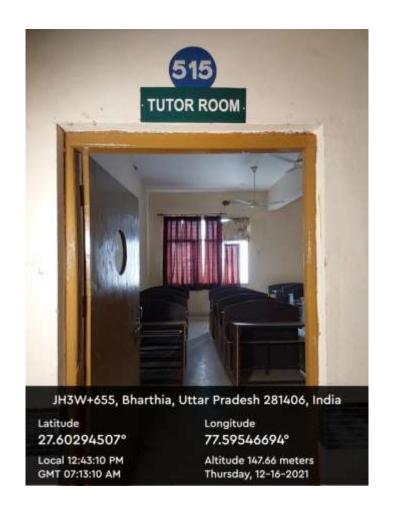


SEMINAR HALL NO. 514



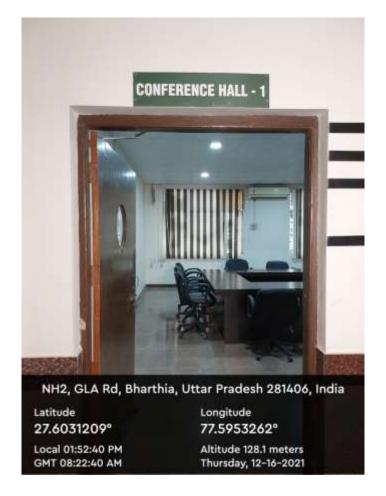


Computer, LAN, LCD Projector, Speaker





SEMINAR HALL NO. 1

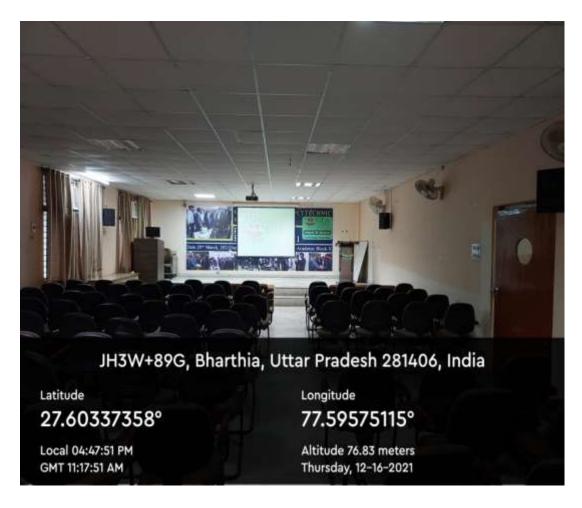




Computer, LAN, LCD Projector, Speaker

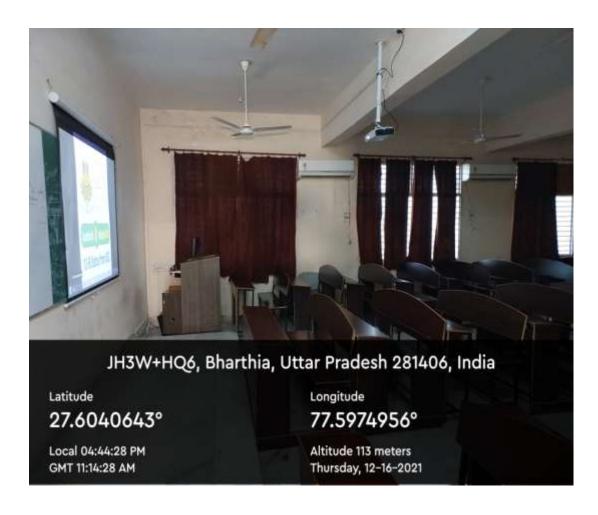
ACADEMIC BLOCK-X





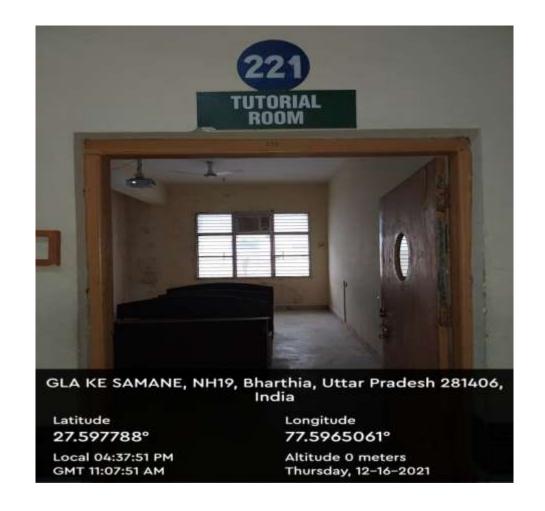
Computer, LAN, Sound System, Camera, LCD Projector













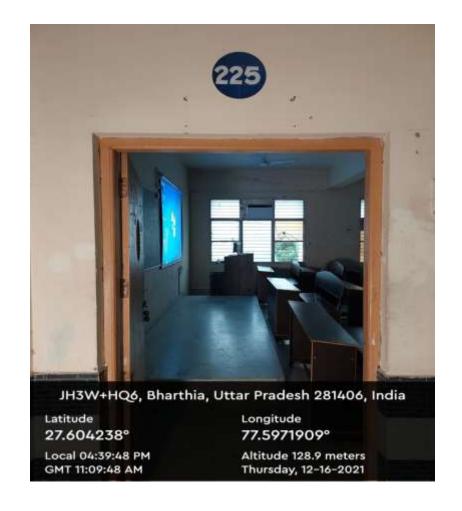
CLASS ROOM NO. 222(B)



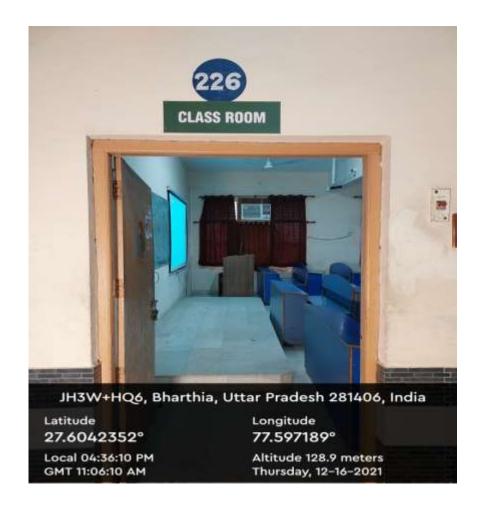


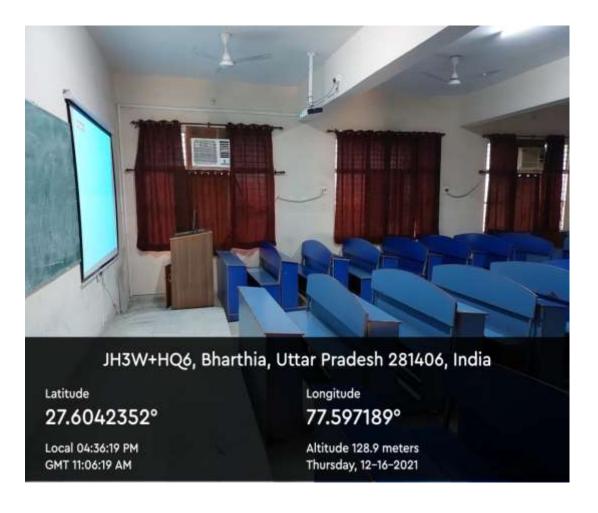




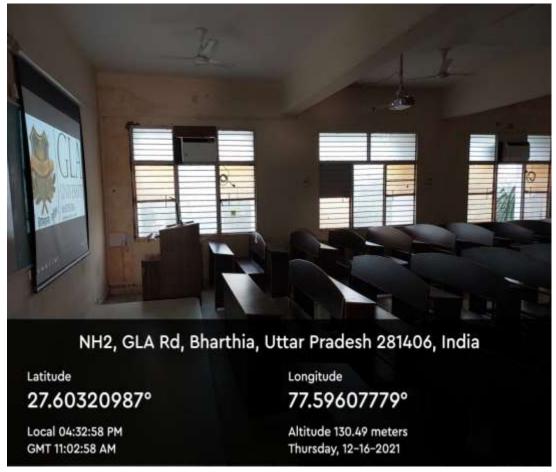








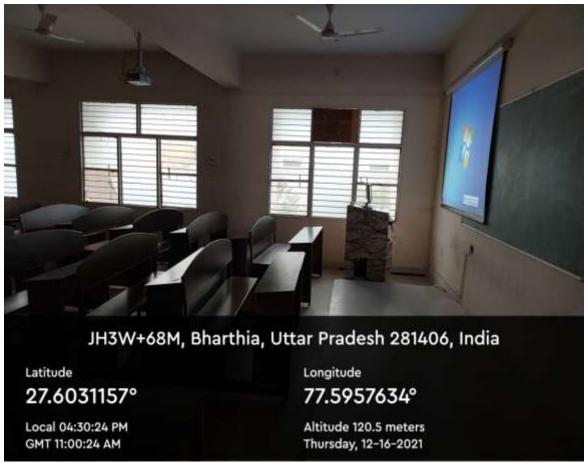












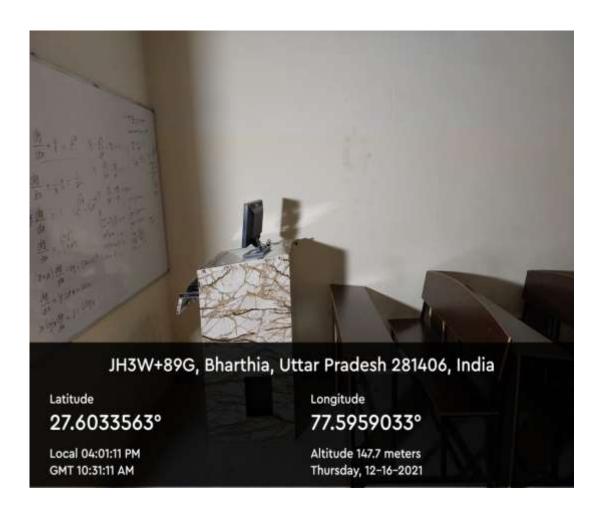


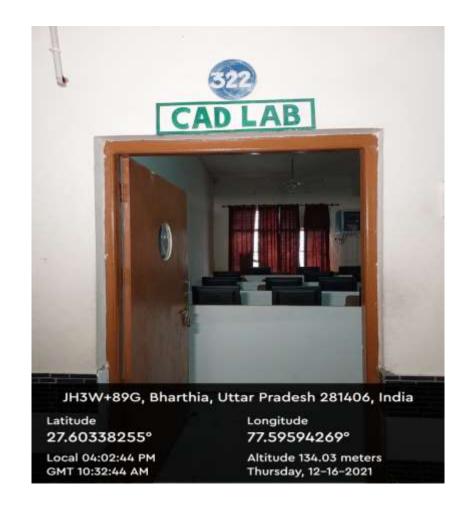








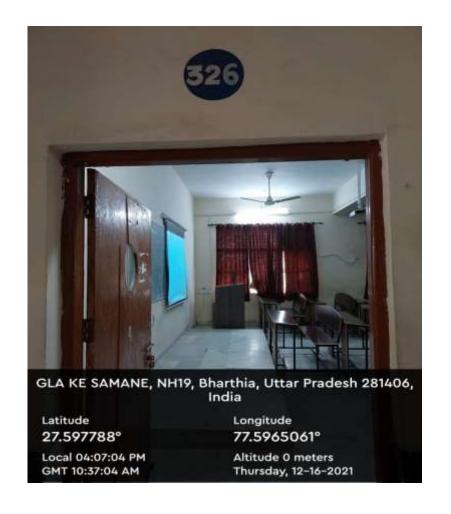


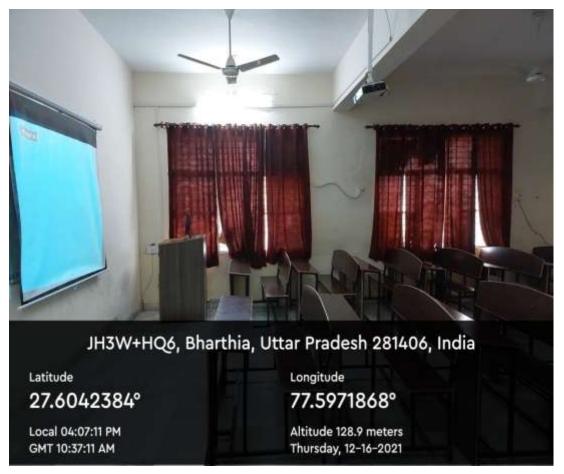








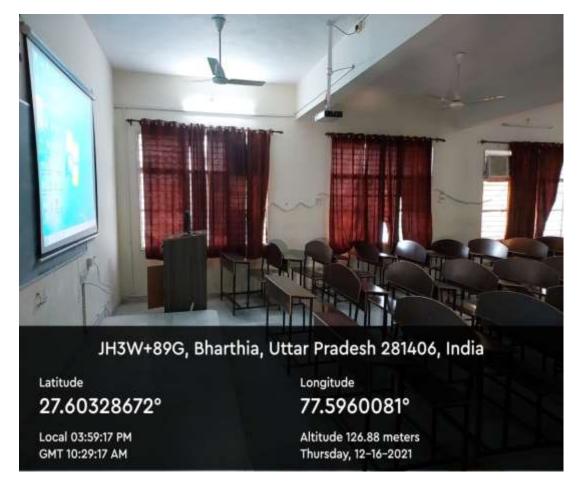












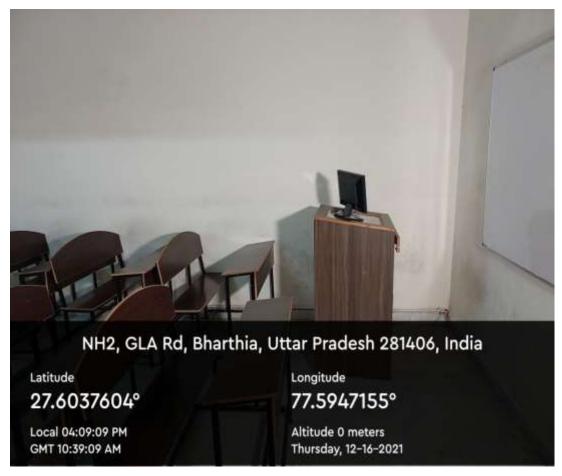




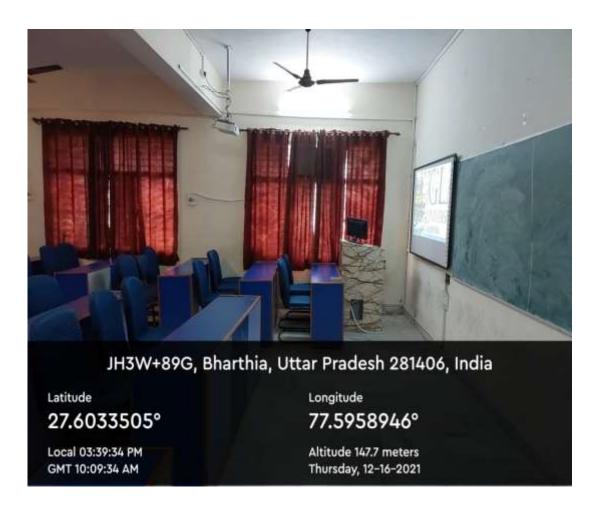












Computer, Smart Class, LAN, LCD Projector, Camera, Sound System

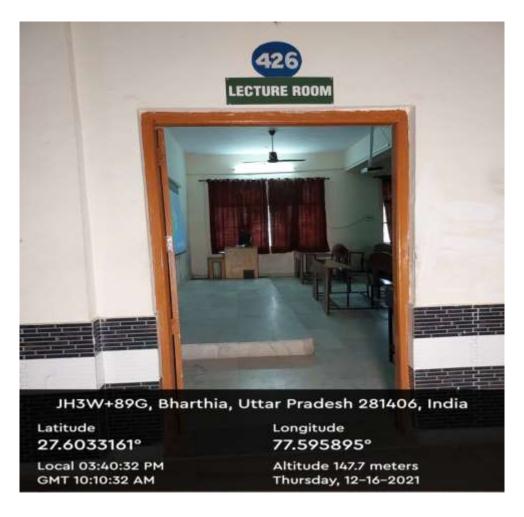




Computer, Smart Class, LAN, LCD Projector, Camera, Sound System











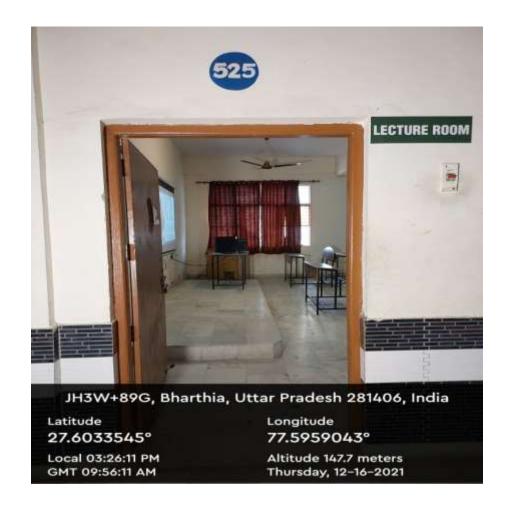


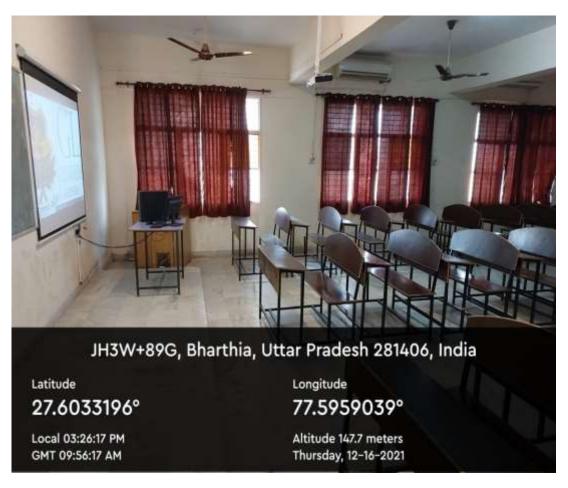




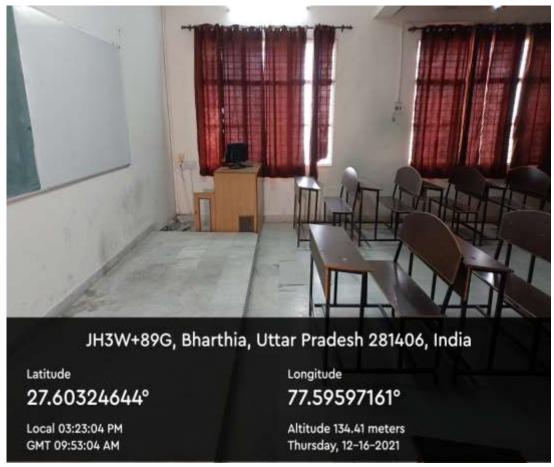








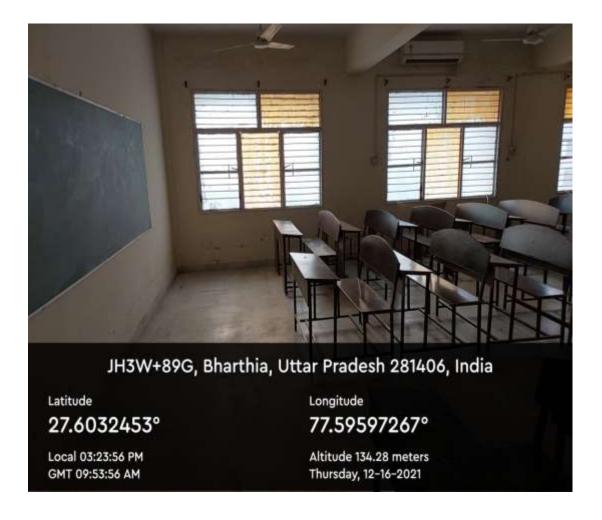








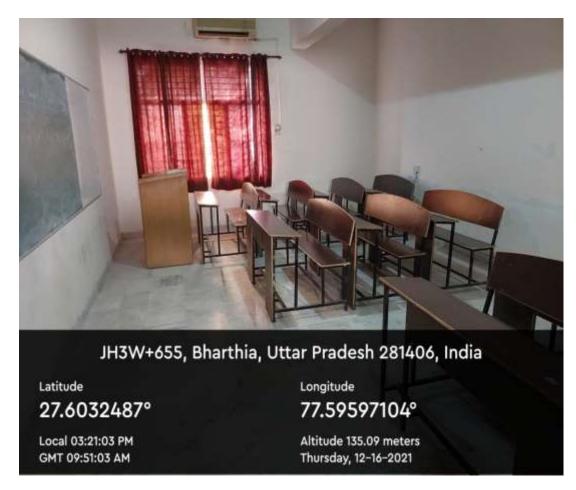






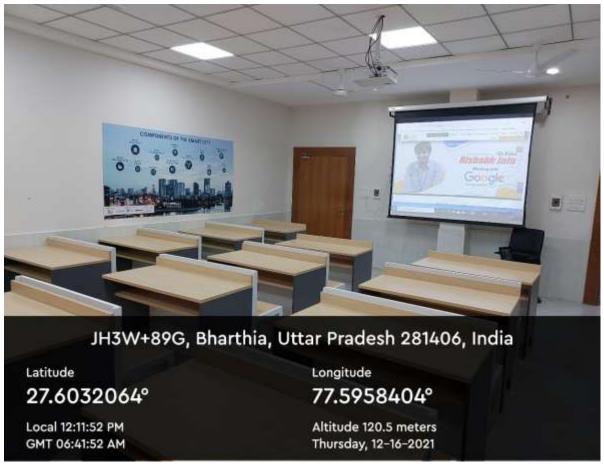






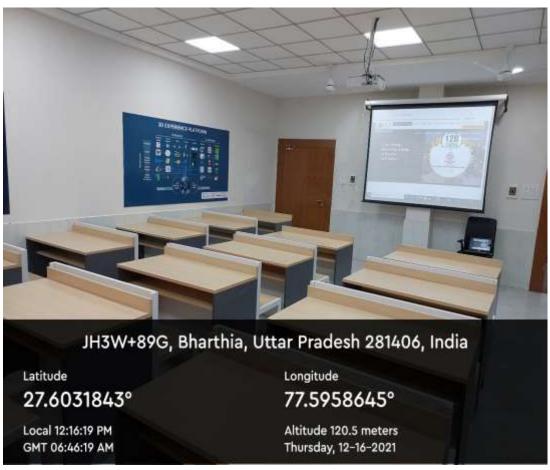
ACADEMIC BLOCK-XI





LAN, i5 System, Automatic motorized remote controlled projector, Interactive Projector





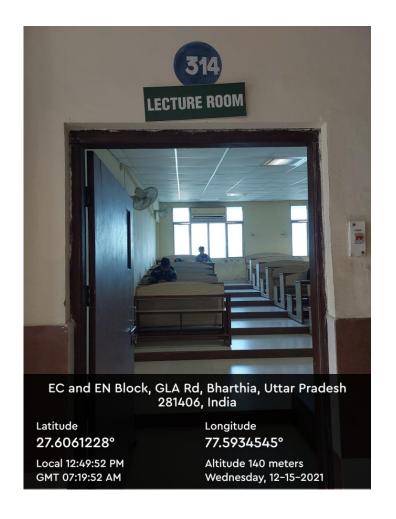
LAN, i5 System, Automatic motorized remote controlled projector, Interactive Projector

SEMINAR HALL

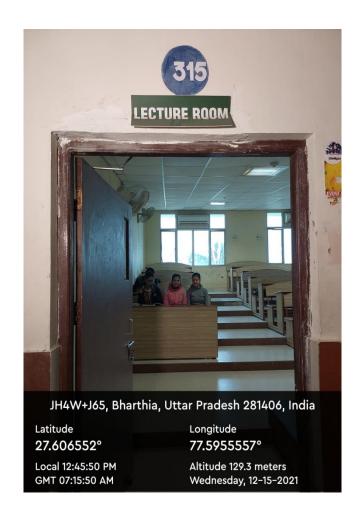


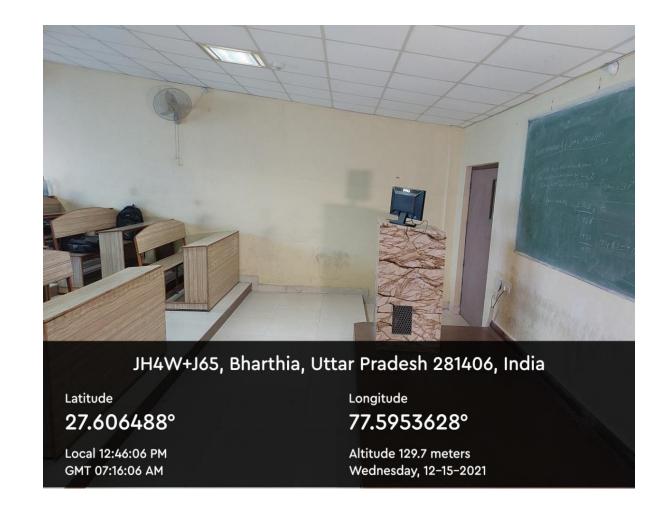


Sound system, LAN, System, Automatic motorized remote controlled projector, Interactive Projector

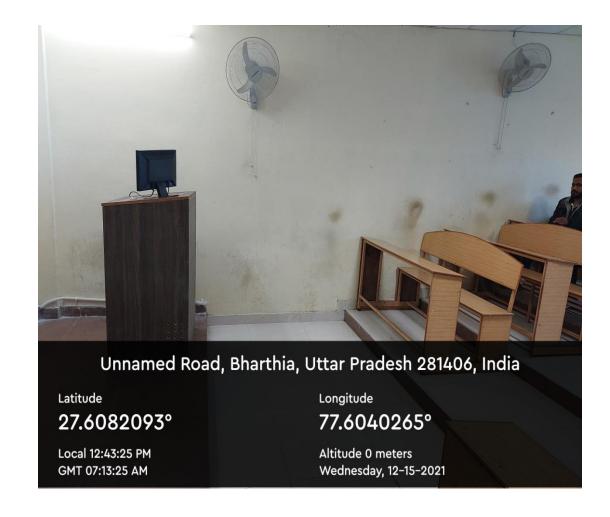














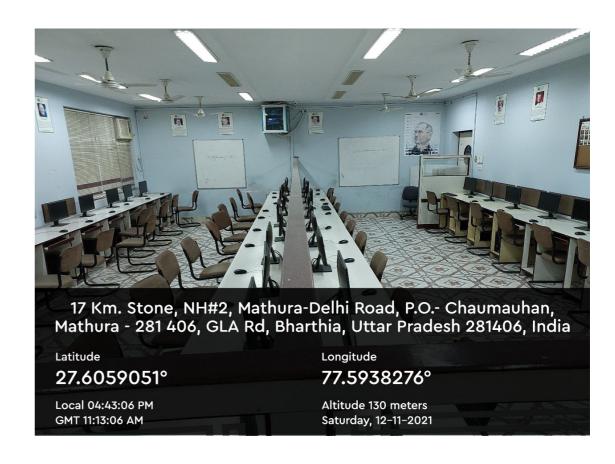


LABORATORIES

ACADEMIC BLOCK-I

OPERATING SYSTEM LAB NO. 136





Major Facilities: 41 computers, Libra Office, Jdk Java

WIPRO EMBEDDED SYSTEM LAB NO. 206

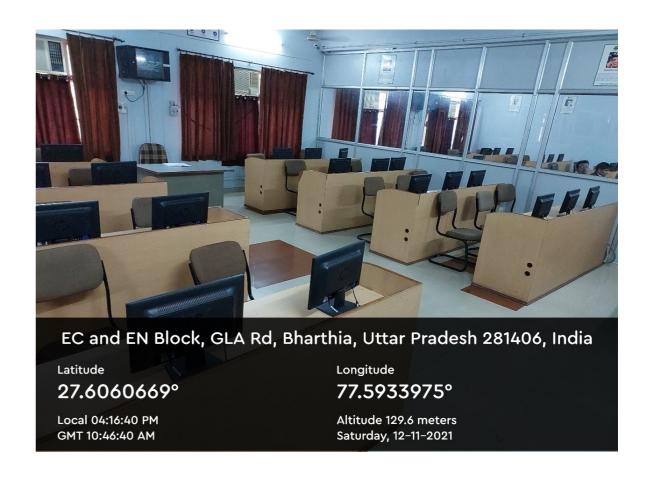




Major Facilities : 24 computers, C++, Jdk JAVA, PYTHON

SOFTWARE SYSTEM LAB NO. 207





Major Facilities : 24 computers, C++, Jdk JAVA, PYTHON

DISTRIBUTED SYSTEM LAB NO. 208

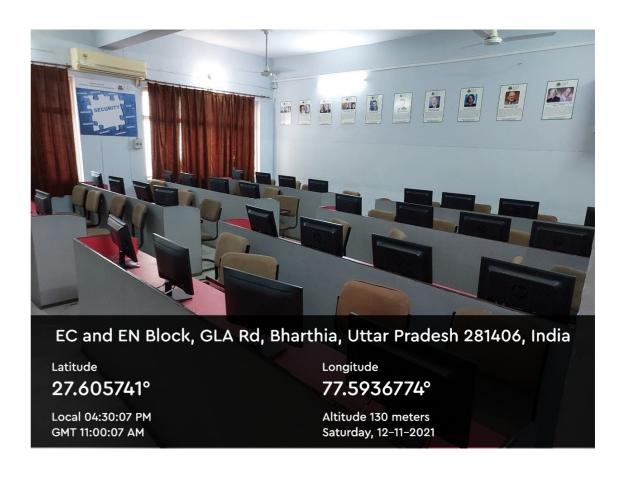




Major Facilities: 24 computers, C++, Jdk JAVA, PYTHON

COMPUTER NETWORK AND INFORMATION SECURITY LAB NO. 215





Major Facilities : 32 computers, C++, Jdk JAVA, PYTHON

WEB TECHNOLOGIES LAB NO. 205





Major Facilities: 60 computers, C++, Jdk JAVA, PYTHON

IMAGE PROCESSING AND COMPUTER VISION LAB NO. 216





Major Facilities: 31 computers, C++, Jdk JAVA, PYTHON

OBJECT ORIENTED PROGRAMMING LAB NO. 224

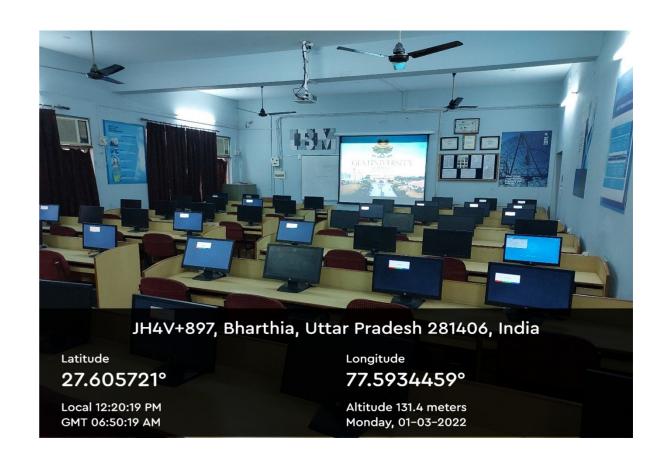




Major Facilities: 55 computers, C++, Jdk JAVA, PYTHON

IBM PROJECT LAB NO. 235





Major Facilities: 55 computers, C++, Jdk JAVA, PYTHON

DATA STRUCTURES AND ALGORITHMS LAB NO. 317

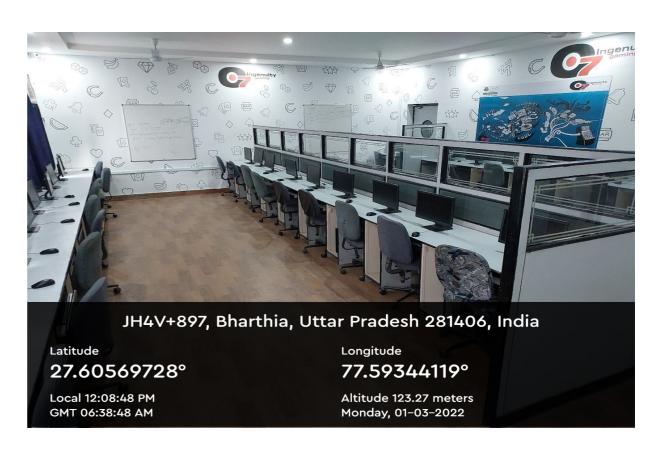




Major Facilities: 40 computers, C++, Jdk JAVA, PYTHON

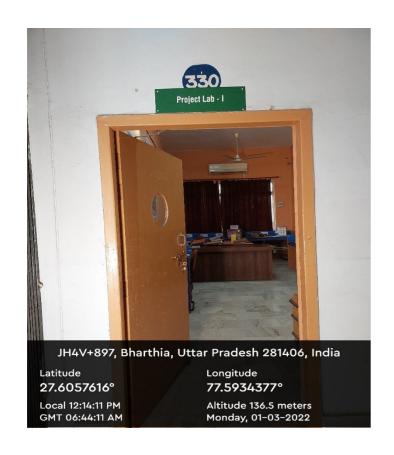
CENTRE OF EXCELLENCE GAMING LAB NO. 318

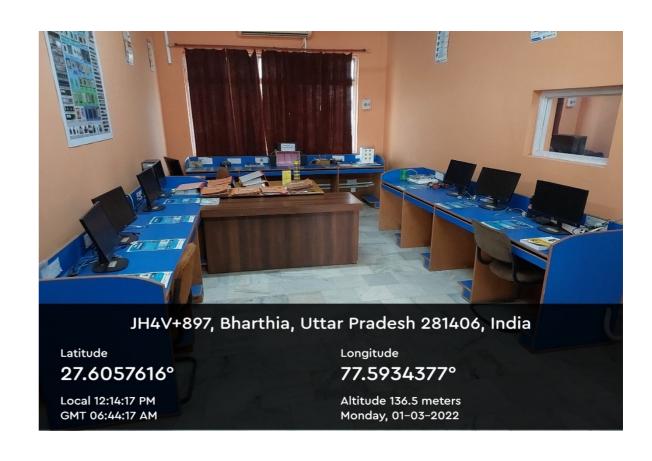




Major Facilities: 40 computers, C++, Jdk JAVA, PYTHON

PROJECT L&B - I NO. 330

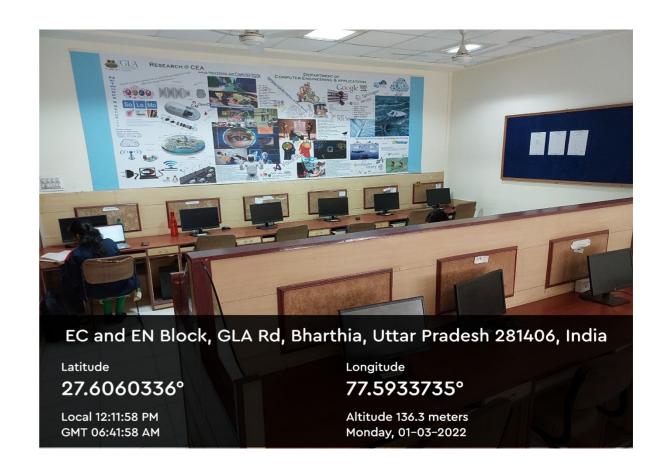




Major Facilities : 8 computers, C++, Jdk JAVA, PYTHON

PROJECT LAB - II NO. 322





Major Facilities: 23 computers, C++, Jdk JAVA, PYTHON

INFORMATION RETRIEVAL AND ANALYTICS LAB NO. 323(B)





Major Facilities : 28 computers, C++, Jdk JAVA, PYTHON

CLOUD COMPUTING LAB NO. 323 (A)





Major Facilities: 32 computers, C++, Jdk JAVA, PYTHON

IOT & INNOVATION LAB NO. 327

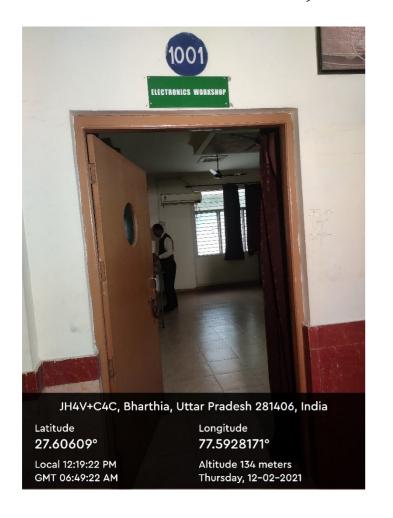


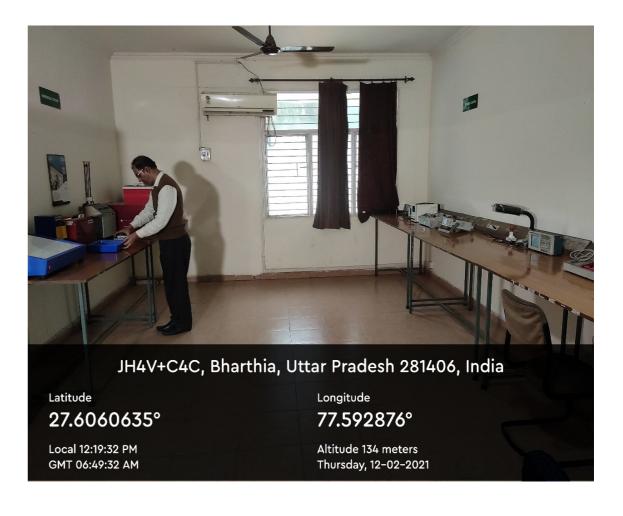


Major Facilities: 16 computers, C++, Jdk JAVA, PYTHON

ACADEMIC BLOCK-II

ELECTRONICS LAB NO.1001





Major Equipments Used: Digital Storage Oscilloscope, Analog IC Tester, Etching, Coating, Drilling, Shearing, Winding Machine

COMMUMICATION SYSTEMS LAB NO. 1002





Major Equipments Used: Function Generator, DSB/SSB AM Transmitter Trainer, Data Formating, Reformating Trainer Kit, DSB/SSB AM Transmitter/Receiver Trainer ST 2201

ELECTRONICS L&B NO. 1004

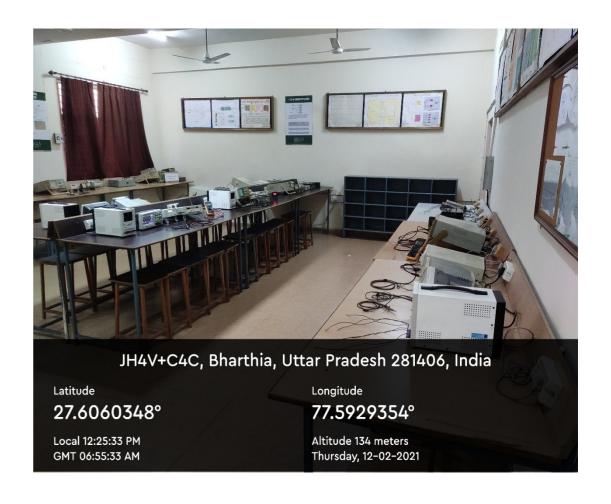




Major Equipments Used: CRO Demonstrator, CADDO 803 30 MHz Two Channel 4 Trace Oscilloscope, Digital Multimeter (4011) Scientific, Different rationg of diode and transistor

DIGITAL ELECTRONICS LAB NO. 1005





Major Equipments Used: 3MHz Function Generator (SM5070), ITK02 Pressure Measurement, Triple Power Supply, CADDO 4061 02 MHz, Function Generator

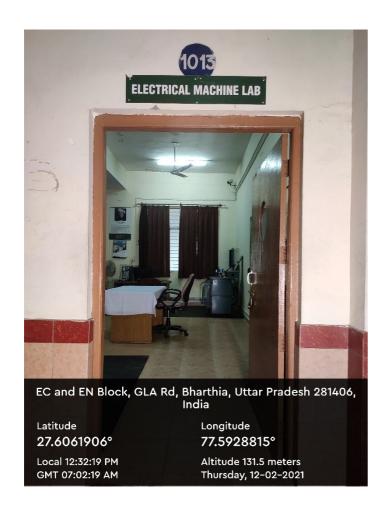
ELECTRIC SIMULATION LAB NO. 1009





Major Equipments Used: Pspice, MATLAB software based circuit simulation using computer

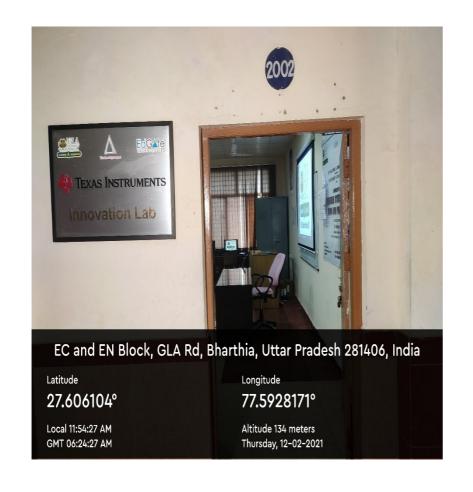
ELECTRICAL MACHINE LAB NO. 1013





Major Equipments Used: DC motors/generators, AC motors and prototype of synchronisation

TEXAS INSTRUMENTS LAB NO. 2002





Major Equipments Used: Robotics System Lab Kit, TMS320C6748 DSP kit with XDS100V3 Emulator MSP430 Solar Energy Harvesting Development Too

LABVIEW ACADEMY LAB NO. 2004

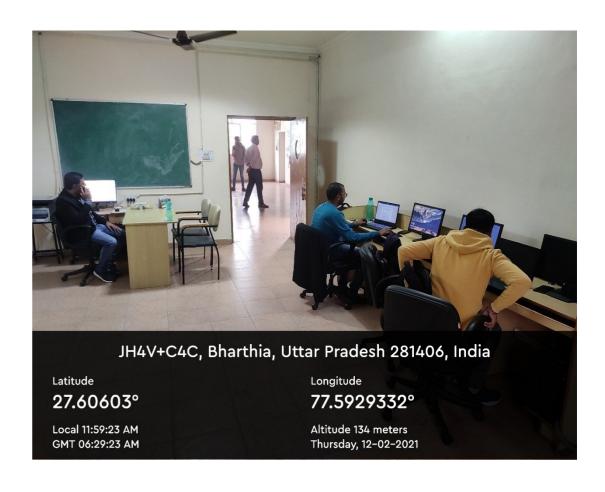




Major Equipments Used: 10 User Lab VIEW Academic Premium Suite License, Process Control Trainer with Compressor & Accessories, Sensors Kit for NI my RIO

BRNS PROJECT LAB NO. 2008





Major Equipments Used: Mathworks Suite (MW-MATLAB, MW-SIMULINK, HSN: 997331, Toolboxes (Optimization, Fuzzy logic, Control system, Printer with Scanner, HP Work station and three computer system)

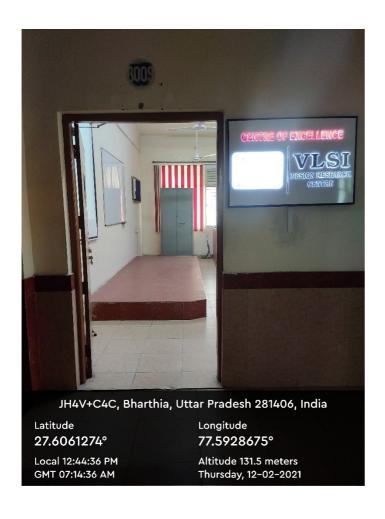
ROCKWELL AUTOMATION LAB NO. 3002

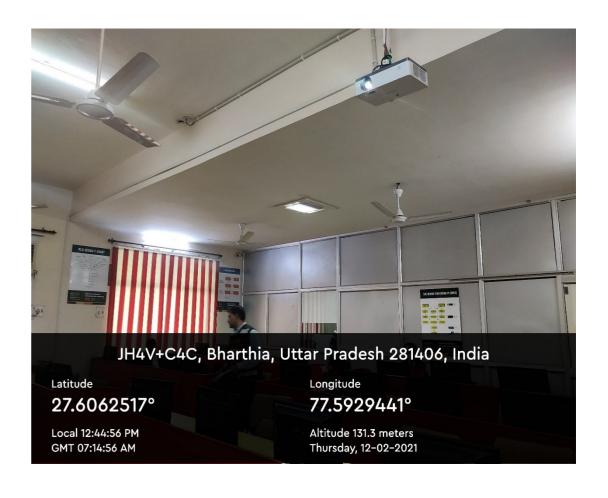




Major Equipments Used: PLC hardware, and PSIM, PSCAD software

VLSI DESIGN RESEARCH CENTRE LAB NO. 3009





Major Equipments Used: E9000T - Advance Design System, Matlab2015

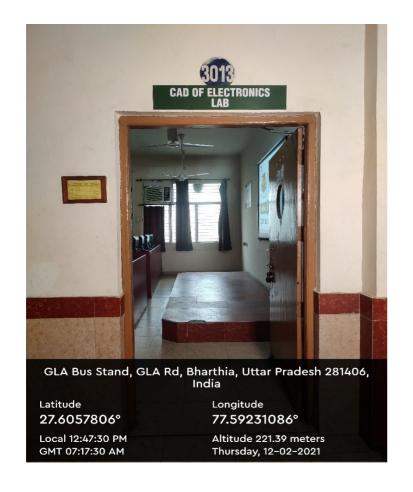
DIGITAL SIGNAL PROCESSING LAB NO. 3012





Major Equipments Used: DSP starter kit, Function Generator, CRO

CAD OF ELECTRONICS LAB NO. 3013





Major Facilities: TANNER Software, Xilinx ISE 12.1 and Xilinx

CONTROL SYSTEM L&B NO. 4002





Major Equipments Used: Position control kit, PID control kit, advance kit, variable power supply, four Computers with MATLAB installed etc..

INTEGRATED CIRCUITS LAB NO. 4009





Major Equipments Used: CRO, CADDO 803 30 MHz, 2 Channel, 4 Trace Microcontroller, Function Generator, Digital Storage Oscilloscope Soldring Iron with stand

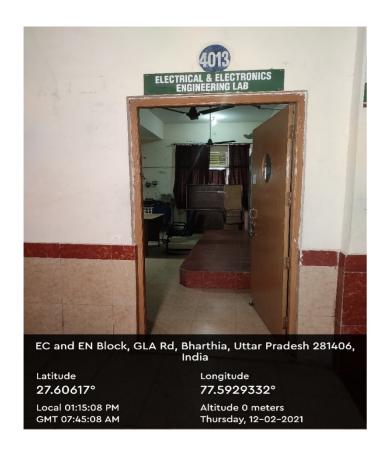
ELECTRICAL AND ELECTRONICS ENGINEERING LAB NO. 4012





Major Equipments Used : Variable resistors, variable power supply, CRO, Transformer, Digital Energy meter

ELECTRICAL AND ELECTRONICS ENGINEERING LAB NO. 4013





Major Equipments Used : Variable resistors, variable power supply, CRO, Transformer, Digital Energy meter

ELECTRIC CIRCUIT L&B/ELECTRIC&L INSTRUMENT&TION & ME&SUREMENT L&B NO. 5002

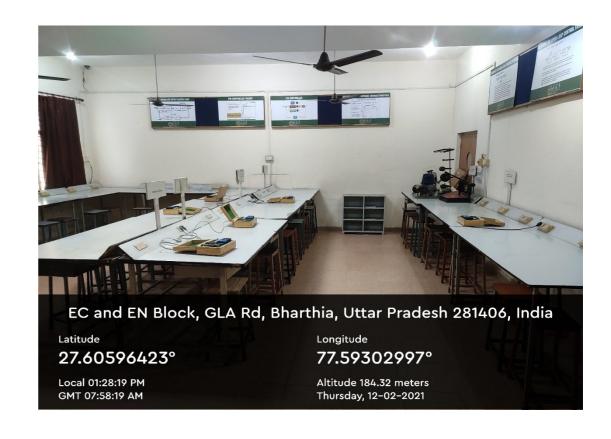




Major Equipments Used: Panels related to different theorem verifications, variable power supply, CRO

MICROPROCESSOR LAB NO. 5004





Major Equipments Used: Position control kit, PID control kit, advance kit, variable power supply, four Computers with MATLAB installed etc.

MICROPROCESSOR LAB NO. 5005





Major Equipments Used: Microprocessor 8086 Trainer Kit, CRO, DSO, 8085 Microprocessor trainer M85-02, 8085 Microprocessor, ST8085-01

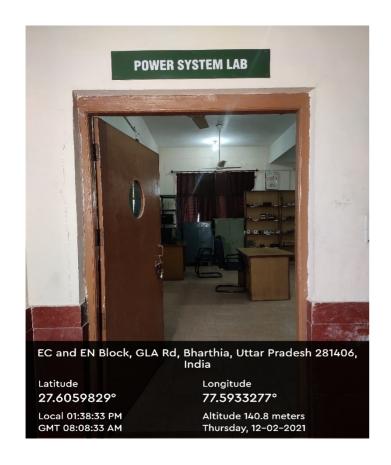
ELECTRIC DRIVES LAB/POWER ELECTRONICS LAB NO. 5011

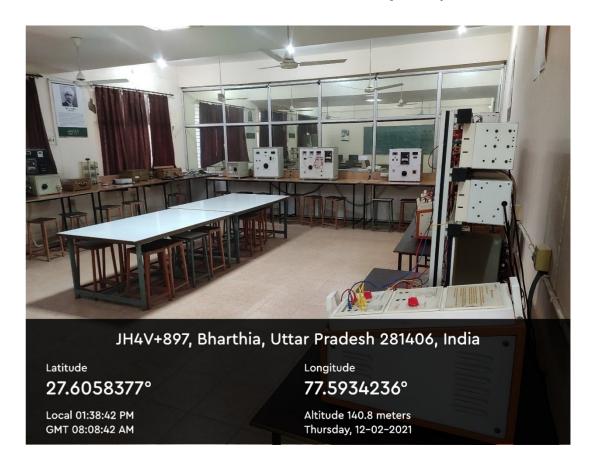




Major Equipments Used : AC/DC drive fed motors, Controlled rectifier, inverter, dc to dc converter panel, dSPACE, DSO

POWER SYSTEM LAB NO. 5011 (B)





Major Equipments Used: Panels associated with fault analysis, line parameters etc.

MICROWAVE & OPTICAL COMMUNICATION LAB NO. 6002

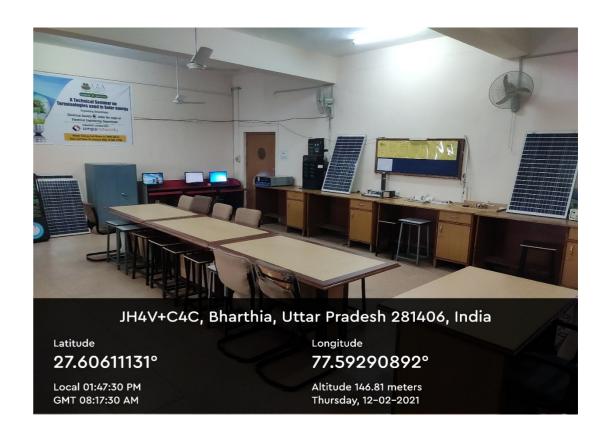




Major Equipments Used: Opto Electronic Devices, Microwave Test Bench: Reflex Klystron Characteristics, Microwave Test Bench: Radiation Pattern, ST-2502 Advance Fiber Optics Trainer

SOLAR ENERGY LAB NO. 6004





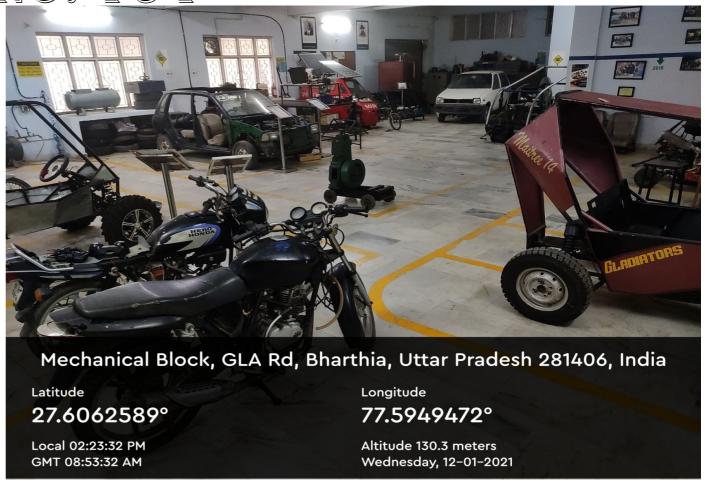
Major Equipments Used: Solar PV emulator panels, Capacitor bank, PV grid tied Training system, two computer system

ACADEMIC BLOCK III

CENTRAL AUTOMOTIVE RESEARCH

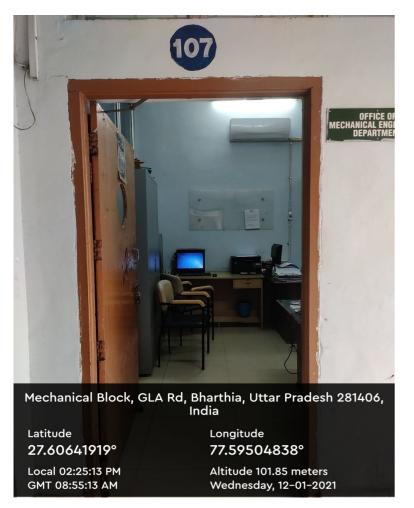
NO. 104

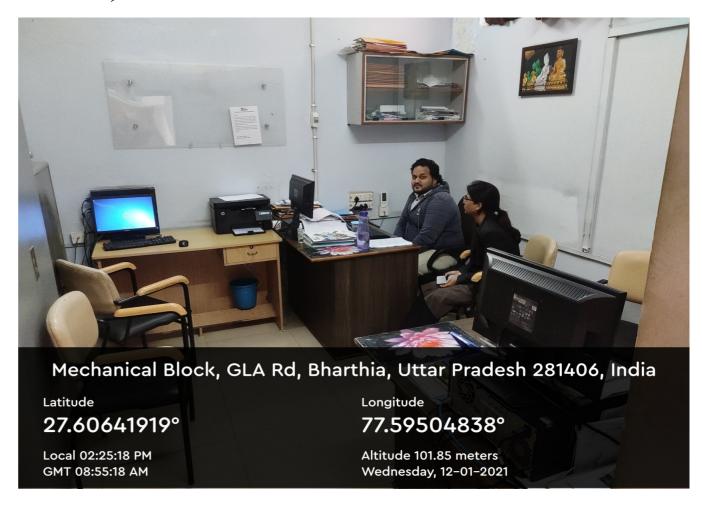




Major Equipments Used: Central automotive research, Automobile assembly

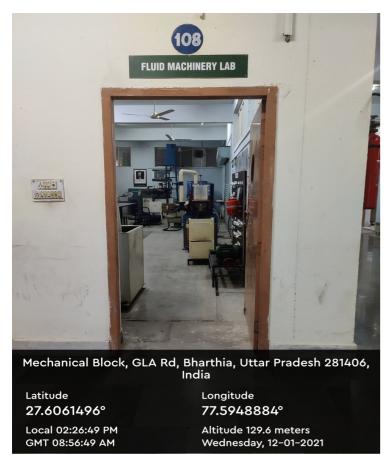
PA SYSTEM ROOM NO. 107

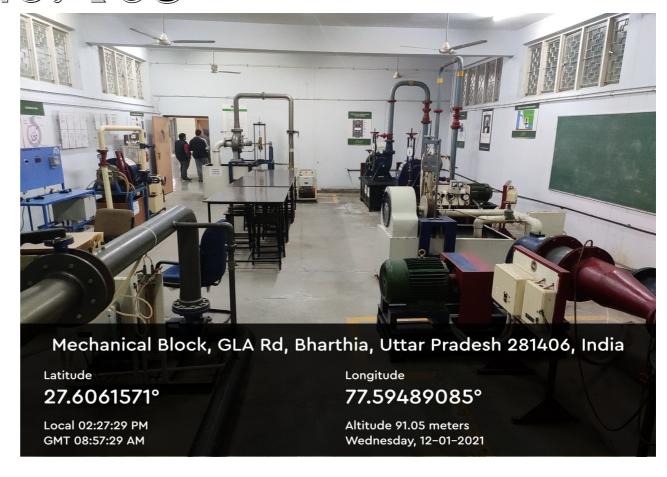




Major Equipments Used: Public address system

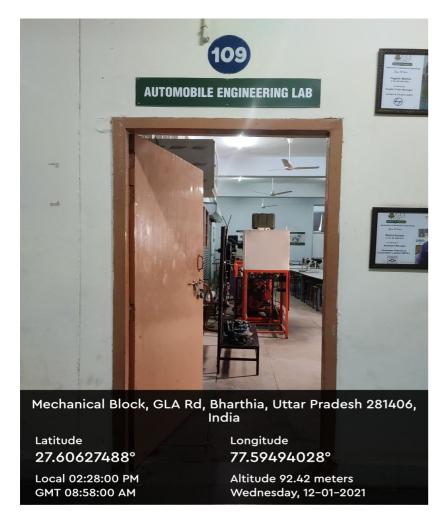
FLUID MACHINERY LAB NO. 108





Major Equipments Used : Francis Turbine, Kaplan Turbine, Pelton Turbine, Centrifugal Pump, Reciprocating Pump

AUTOMOBILE LAB NO. 109





Major Equipments Used: Four Stroke S.I. Engine, C.I. Engine, Gear Boxes, Rear Axle, Automobile Braking System, Air Conditioning System of an Automobile.

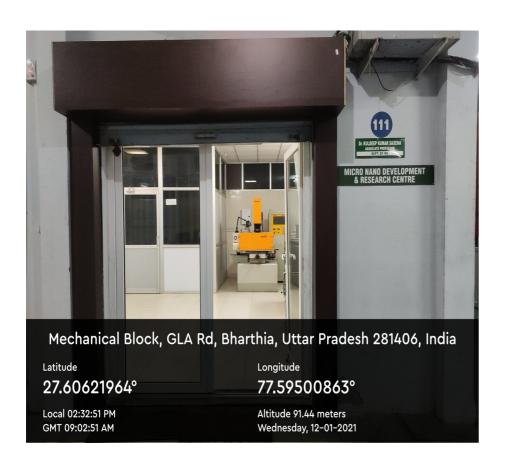
MATERIAL SCIENCE LAB NO. 110





Major Equipments Used : Micro Structural microscope, Hardness Testing, Torsion Testing, Spring Index Testing, Impact Testing

MICRO NANO DEVELOPMENT LAB NO. 111

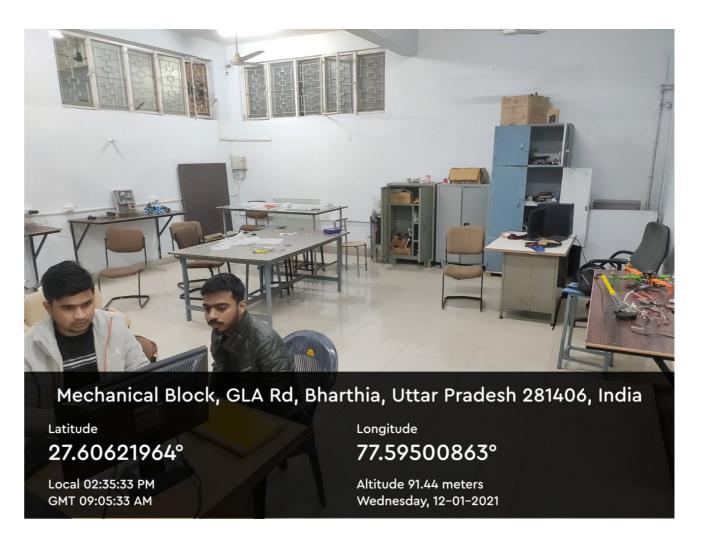




Major Equipments Used: Electric discharge machine, Solar Photovoltaic Systems, Bath sonicator, Probe sonicator, Vaccum pump, Weight weighing machine

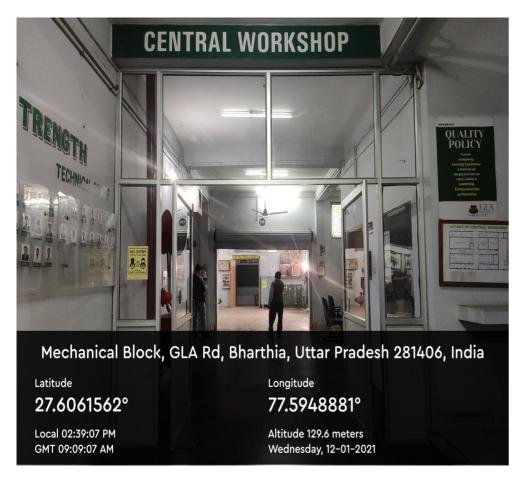
DROID CLUB LAB NO. 112

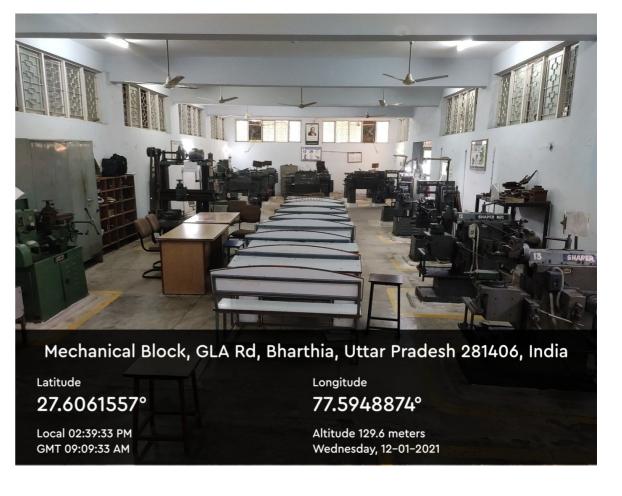




Major Equipments Used: Automation, Robotics

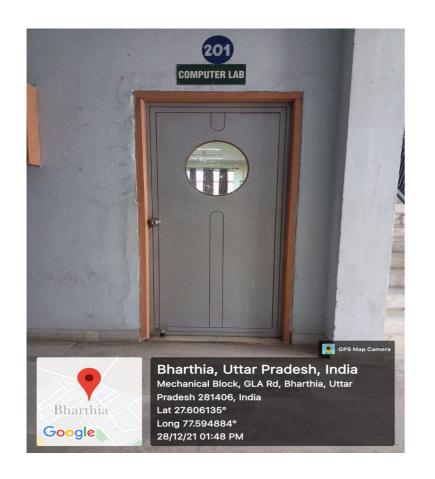
CENTRAL WORKSHOP

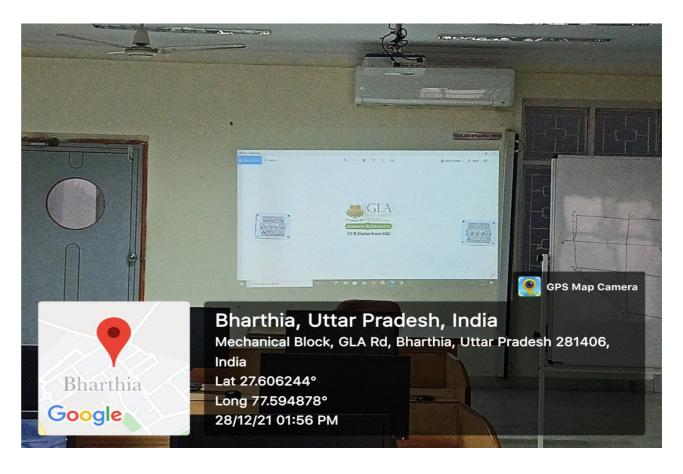




Major Equipments Used: Lathe machine, Milling machine, Planer machine, Grinding machine, CNC machine, Weding equipments (Gas Welding, Sopt welding, TIG welding, Arc welding, Submerged arc welding, Carpentry shop, Metal melting furnace etc.

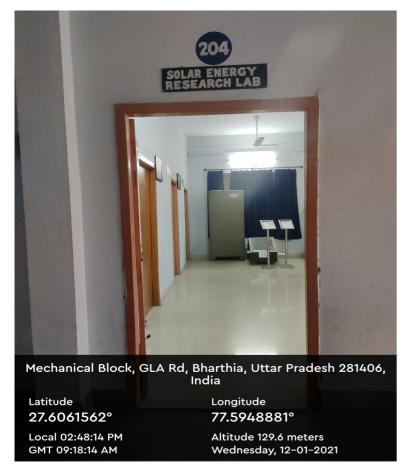
COMPUTER LAB NO. 201





Major Facilities: 3D Printing

SOLAR ENERGY RESEARCH LAB NO. 204





Major Equipments Used: Solar Collector, Solar Pond

CAD/CAM LAB NO. 205





Major Facilities: CAD/CAM, Autocad, Creo

MEASUREMENT & METROLOGY LAB NO. 207

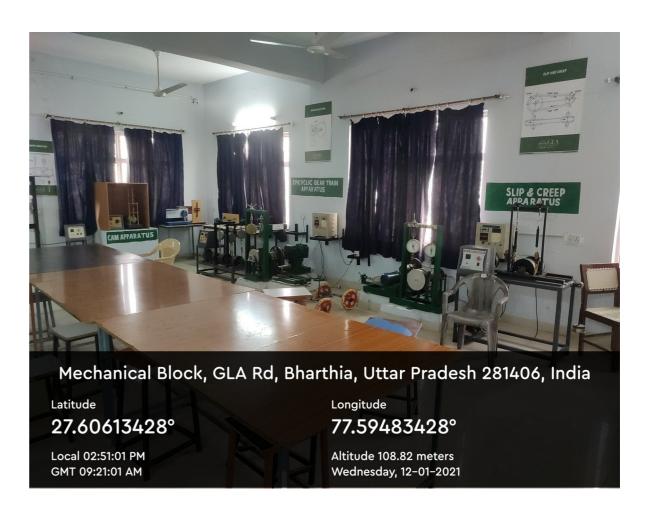




Major Equipments Used: Vernier Caliper, Micrometer, Slip Gauges, Vernier Bevel Protector, Dial Gauge Indicator and V-Block, Stroboscope (Non-Contact Device), Height Gauge, Surface roughness tester

THEORY OF MACHINE LAB ROOM NO. 209

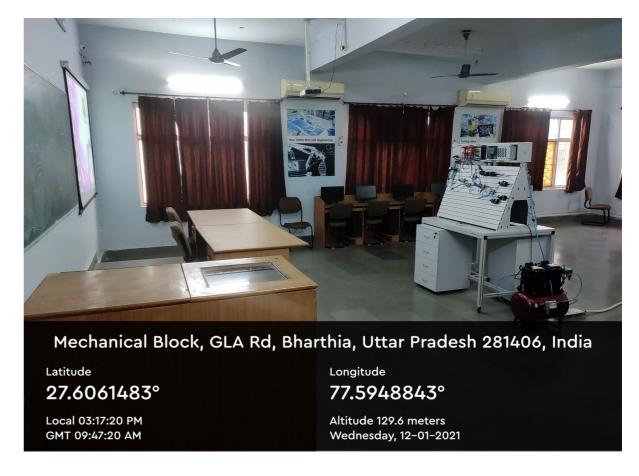




Major Equipments Used : Four Bar Linkages, Epicyclic Gear Trains, Longitudinal Vibrating System, Transverse Vibration System, Mechanical Governor

ELECTRO PNEUMATIC LAB NO. 211





Major Equipments Used : Sensors, transducers, Programmable logic controllers, Digital Electronics and systems

MECHATRONICS LAB NO. 212

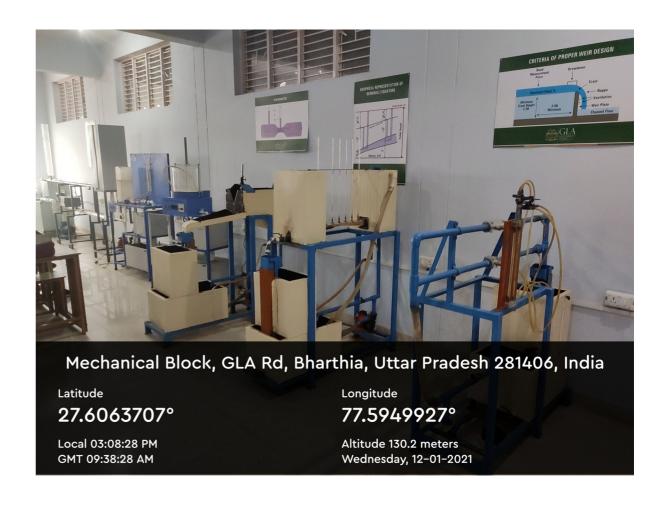




Major Equipments Used : Sensors, transducers, Programmable logic controllers, Digital Electronics and systems

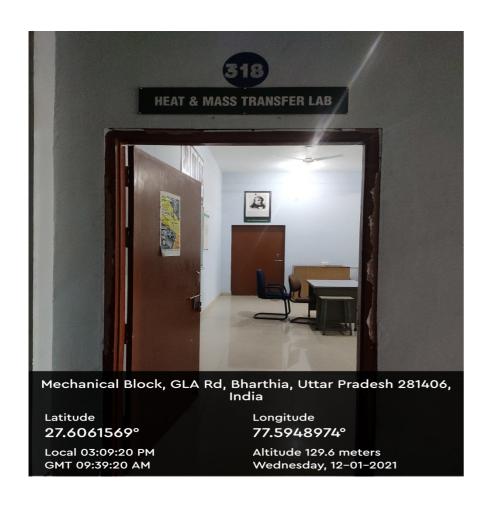
FLUID MECHANICS LAB NO. 317

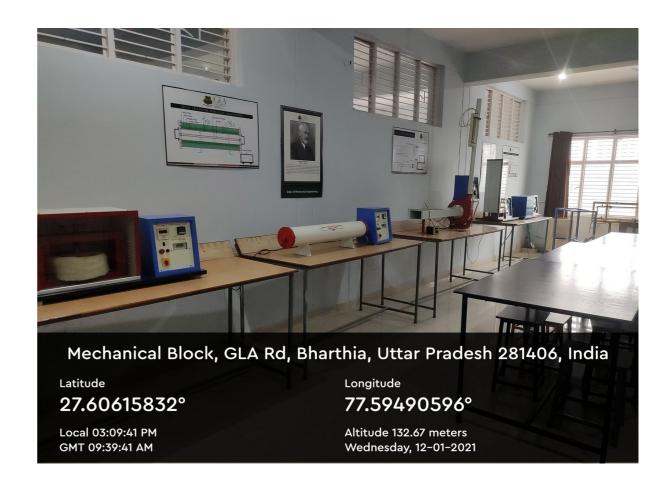




Major Equipments Used : Venturimeter, Pipe Fittings, Bernoulli's Theorem Experiment, Rectangular Weir

HEAT AND TRANSFER LAB NO. 318





Major Equipments Used: Composite wall, Leged pipe, Pin-fin, Heat exchanger, Heat pipe

REFRIGERATION & AIR CONDITIONING LAB NO. 322



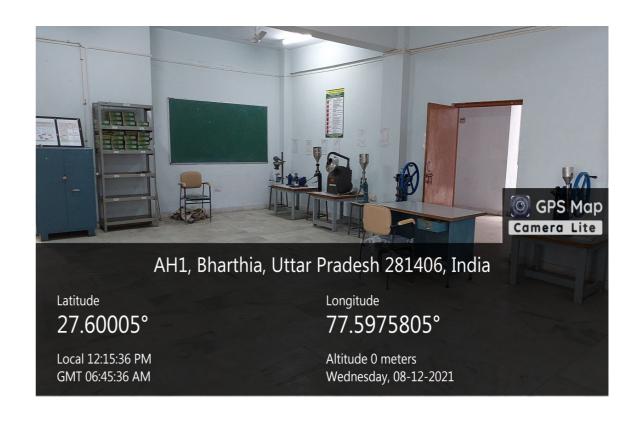


Major Equipments Used: Components of Air-Conditioning System, Refrigeration Test Rig, Expansion Devices, Types of Evaporators, Air Washers, Window Type Air Conditioner, Reciprocating Compressor

ACADEMIC BLOCK-IV

MACHINE LAB NO. POO1

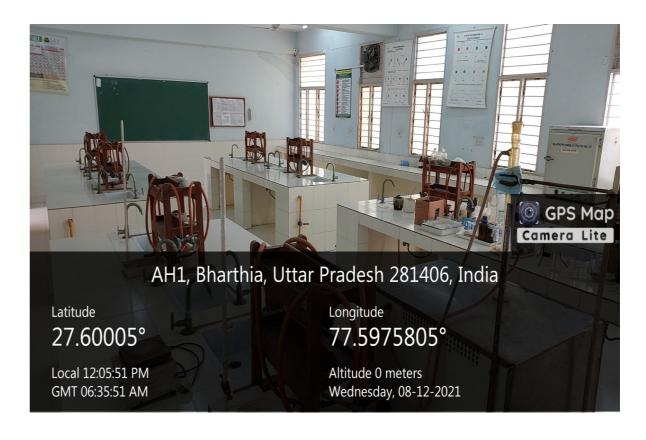




Major Equipments Used: Hand operated Tablet machine, Tablet Coating Pan unit with hot air blower laboratory size, Polishing pan laboratory size, Monsanto's hardness tester, Pfizer type hardness tester, Granulating sieve set, Sieves set, Sieve shaker with sieve set, Ball mill, Double cone blender, Tablet punching machine, Lyophilizer

PHARMACEUTICAL CHEMISTRY LAB NO. POO4





Major Equipments Used: Microwave Oven, Hot air Oven, Distillation unit, Deionisation unit, Digital Balance

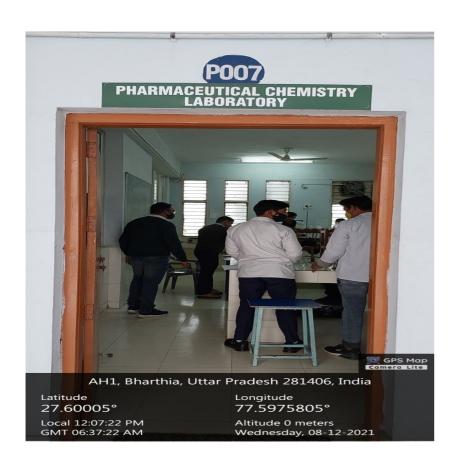
PHARMACEUTICAL CHEMISTRY LAB NO. P006

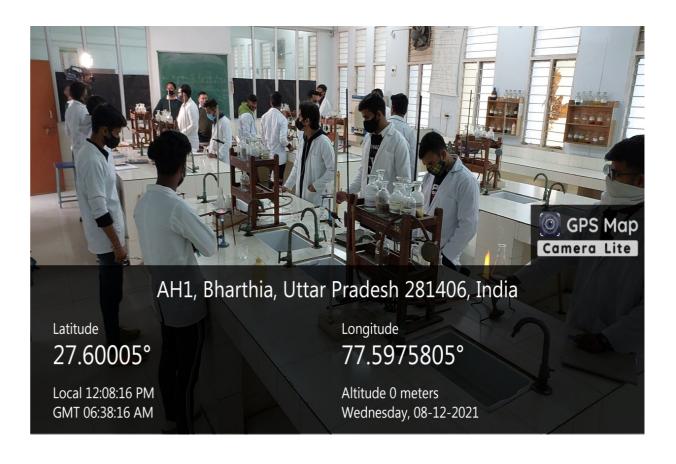




Major Equipments Used : Microwave Oven, Hot air Oven, Distillation unit, Deionisation unit, Digital Balance

PHARMACEUTICAL CHEMISTRY LAB NO. POO7

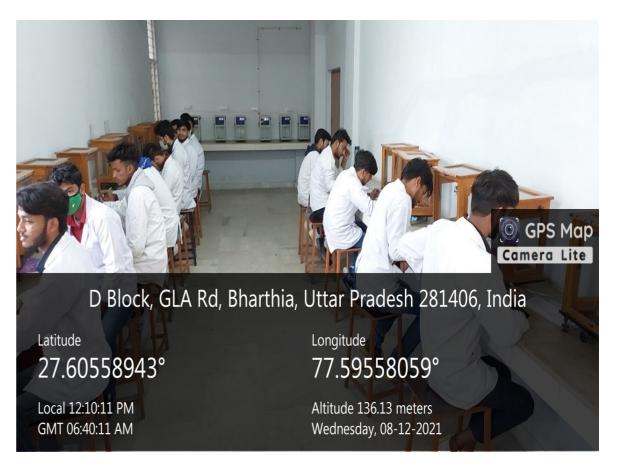




Major Equipments Used: Distillation unit, Microwave Oven, Hot air Oven, Deionisation unit, Digital Balance

PHARMACEUTICAL ANALYSIS LAB NO. P009





Major Equipments Used : Digital Balance

COMPUTER LAB NO. P102A

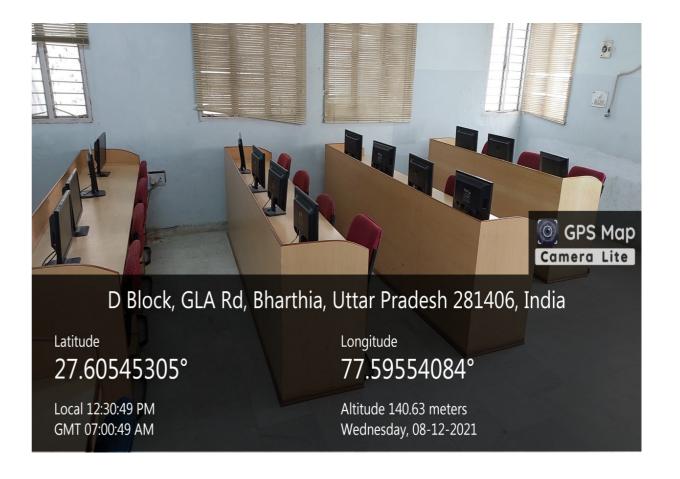




Major Facilities: 21 computers with high speed internet connectivity

COMPUTER LAB NO. P102B

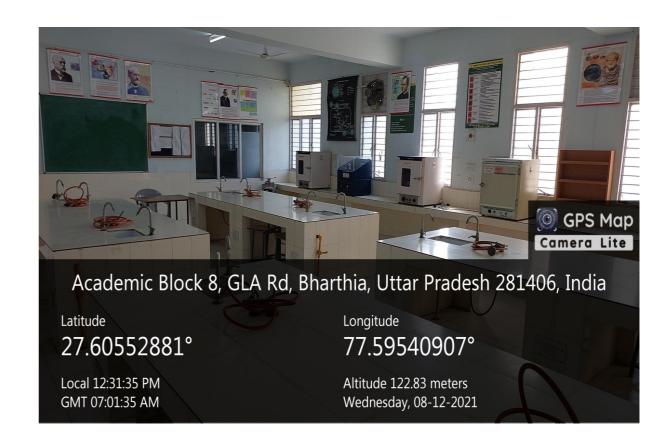




Major Facilities: 22 computers with high speed internet connectivity

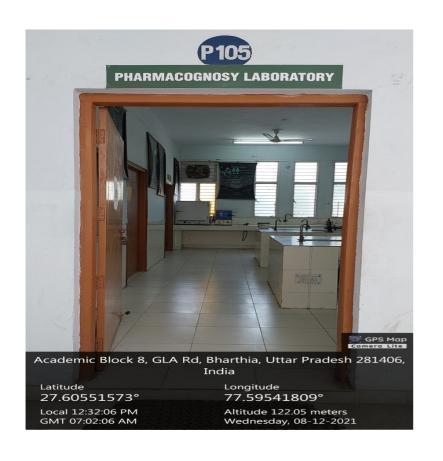
MICROBIOLOGY LAB NO. P103

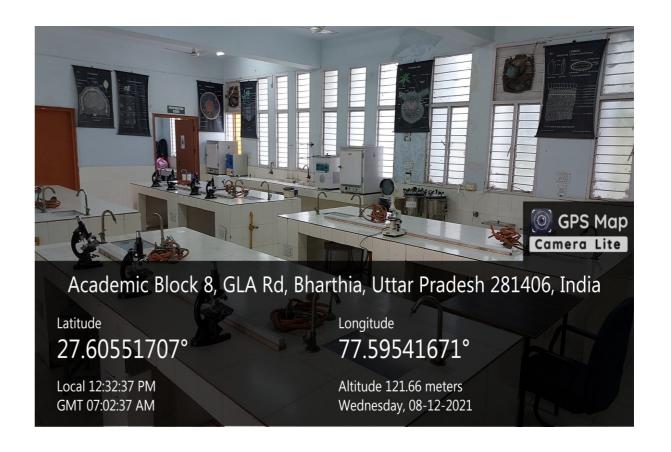




Major Equipments Used: Autoclave, Hot air Oven, Incubator, Vacuum pump, Orbital shaker incubator, Incubator, B.O.D. incubator, Laminar air flow, Colony counter, Zone reader

PHARMACOGNOSY LAB NO. P105

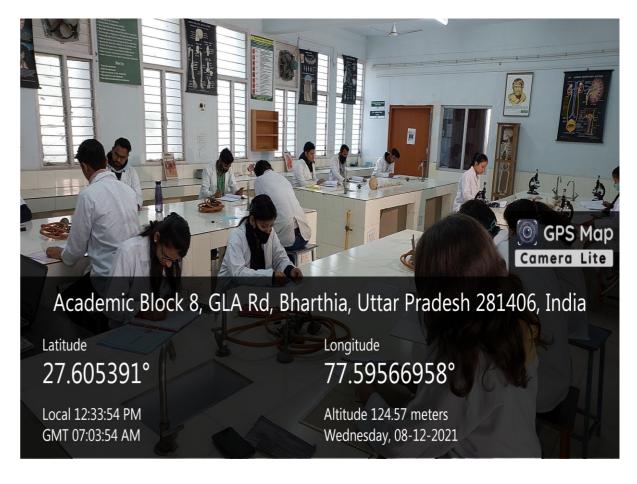




Major Equipments Used: Thermostatic bath, Sterility testing unit, Camera Lucida, Autoclave, Hot air Oven, Microtome

APHE LAB NO. P106

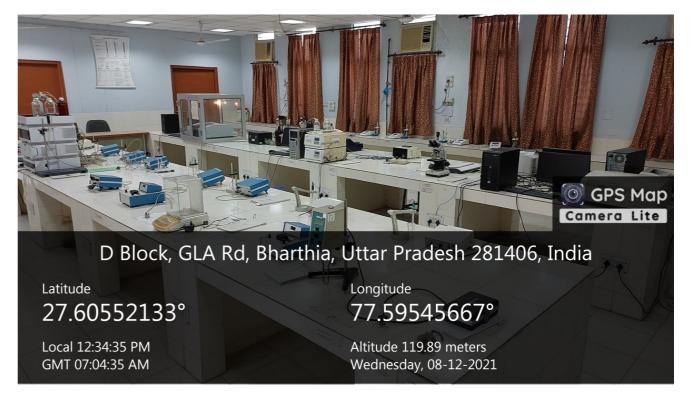




Major Equipments Used : Refrigerator, Haemoglobinometer, Digital weight measurement apparatus

CENTRAL INSTRUMENTATION LAB NO. P108

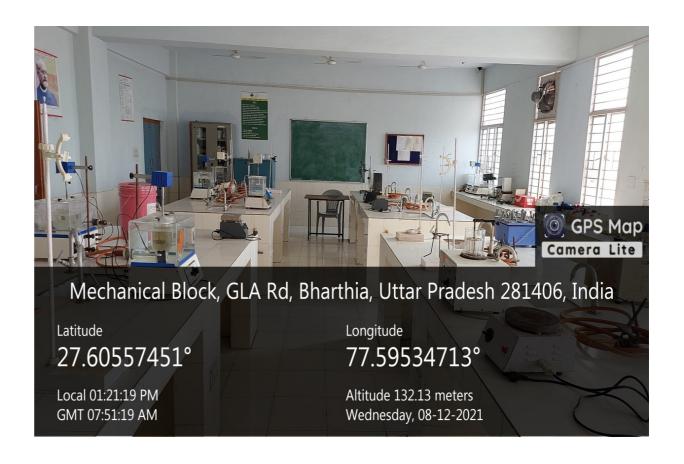




Major Equipments Used: Refractometer, Polarimeter, Photoelectric colorimeter, Digital pH meter, Electronic balance, Projection Microscope, Colorimeter, Moisture balance, Flourimeter, Brookfield's viscometer, Gel Electrophoresis, Phase contrast/Trinocular Microscope, Sonicator, UV- Visible Spectrophotometer, Flourimeter, Nephelo Turbidity meter, Flame Photometer, Potentiometer, Conductivity meter, Fourier Transform Infra Red Spectrometer, HPLC, Biochemistry Analyzer

PHARMACOLOGY LAB NO. P205

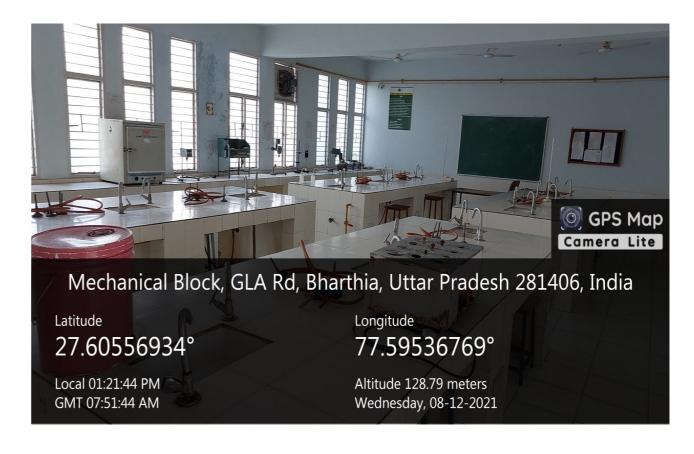




Major Equipments Used: Student's organ bath, Sherington's rotating drum, Frog board, Pole climbing apparatus, Histamine chamber, Sphygmomanometer, Stethoscope, Actophotometer, Double unit organ bath with thermostat

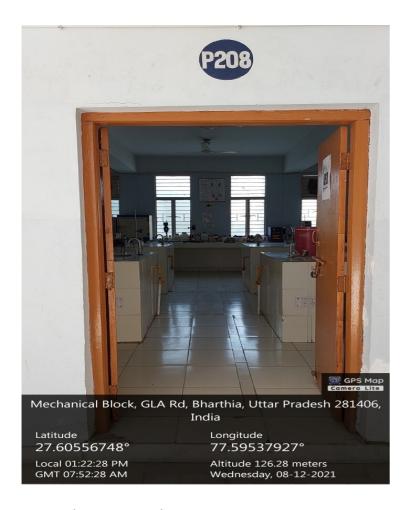
PHARMACEUTICS LAB NO. P207

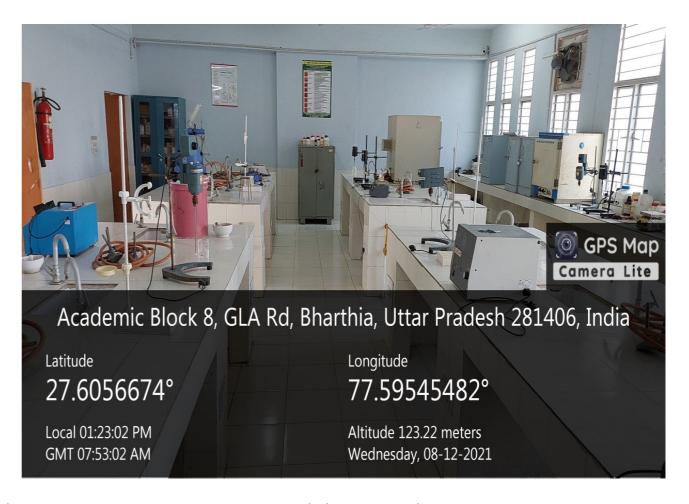




Major Equipments Used: Monsanto's hardness tester, Pfizer type hardness tester, Tablet disintegration test apparatus IP, Tablet dissolution test apparatus IP, Collapsible tube – Filling and sealing equipment, Capsule filling machine – Lab size, Friability tester, Deionisation unit, Ampoule washing machine, Ampoule filling and sealing machine, Micro Centrifuge, Ampoule clarity test equipment, Blender

PHARMACEUTICS LAB NO. P208





Major Equipments Used: Monsanto's hardness tester, Tablet disintegration test apparatus IP, Tablet dissolution test apparatus, Tablet counter – small size, Friability tester, Ampoule clarity test equipment, Micro Centrifuge, Blender, Cooling Centrifuge

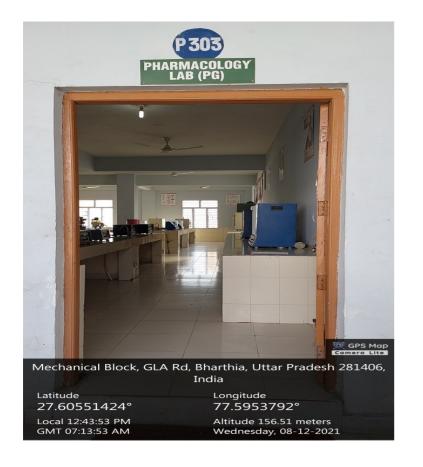
PHARMACEUTICS LAB NO. P210

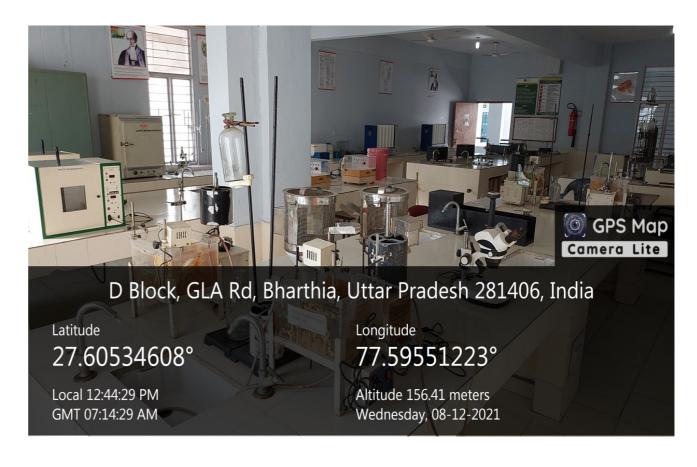




Major Equipments Used : Monsanto's hardness tester, Tablet disintegration test apparatus IP, Tablet dissolution test apparatus, Tablet counter – small size, Friability tester, Blender

PHARMACOLOGY LAB NO. P303





Major Equipments Used: Student's organ bath, Sherington's rotating drum, Frog board, Pole climbing apparatus, Histamine chamber, Sphygmomanometer, Stethoscope, Actophotometer, Double unit organ bath with thermostat

ACADEMIC BLOCK-V

COMPUTER LAB-1 NO. B116

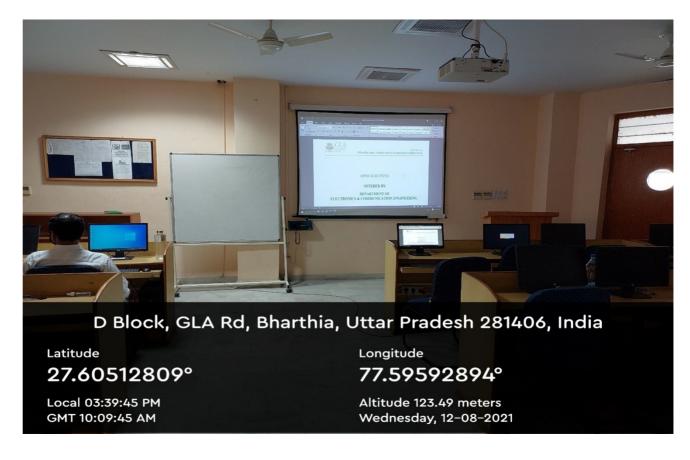




Major Facilities: 65 computers with high speed internet connectivity

COMPUTER LAB -2 NO. B212



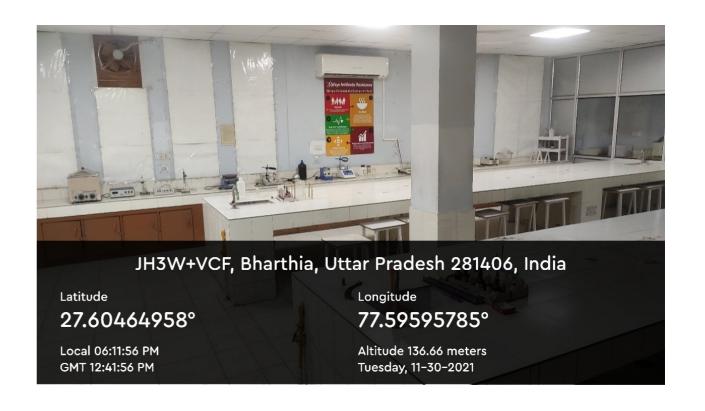


Major Facilities: 61 computers with high speed internet connectivity

ACADEMIC BLOCK-VI

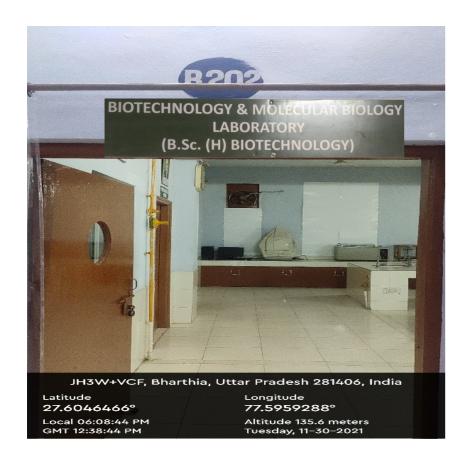
MICROBIOLOGY, IMMUNOLOGY, VIROLOGY & CELL CULTURE L&B NO.201

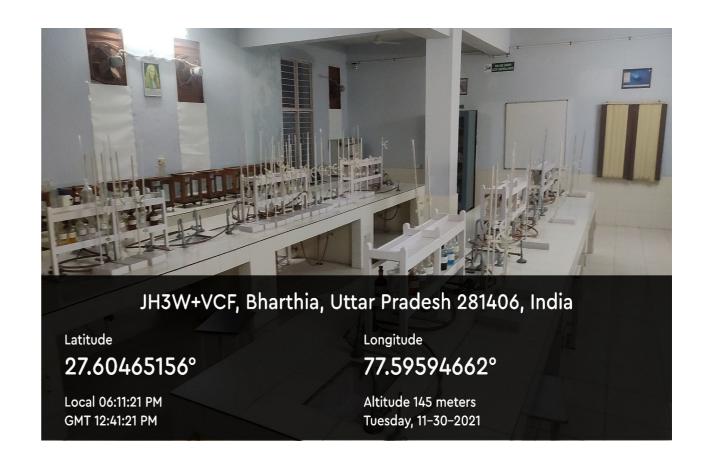




Major Equipments Used: Monocular Microscope, Laminar Air Flow, CO2 Incubator with Cylinder and Regulator, Deep Freezer, Incubator Shaker, Trinocular Co-axial research microscope, Digital Colony Counter, Autoclave

BIOTECHNOLOGY & MOLECULAR BIOLOGY LAB NO.202





Major Equipments Used: Hot Air Oven, Dispensing Balance, Analytical Balance

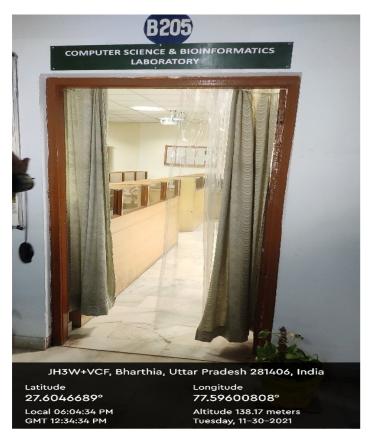
BIOTECHNOLOGY & GENETIC ENGINEERING LAB NO. 203

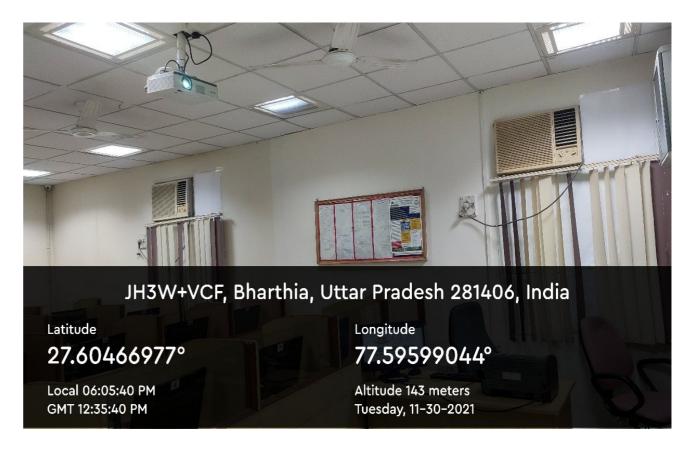




Major Equipments Used: Gradient Thermo Cycler, Gel Documentation System, UV-Vis Spectrophotometer with accessories, Haematology auto analyzer, Micro Cooling Centrifuge with rotor and voltage stablizer, Double Distillation Unit, Photo Electronic colorimeter, UV Transilluminator, Waterbath Incubator Shaker, MiliQ Assembly, Icemaker

BIO-INFORMATICS & COMPUTATIONAL BIOLOGY LAB NO. 205

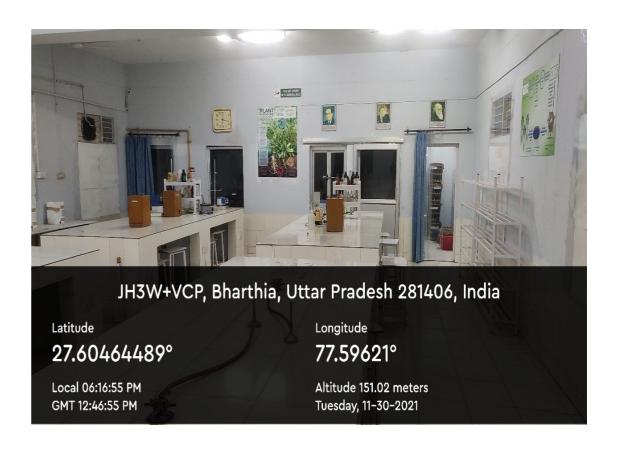




Major Facilities: 34 computers, Tally with high speed internet connectivity

PLANT BIOTECHNOLOGY & FERMENTATION TECHNOLOGY LAB NO. 206

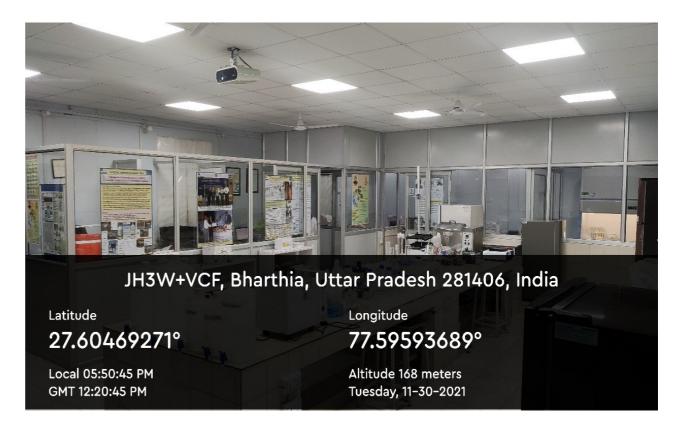




Major Equipments Used: Rotary Vaccum Evaporator, Soxhlet, Microscope

INFECTIOUS DISEASES AND COW SCIENCE LAB NO. 301

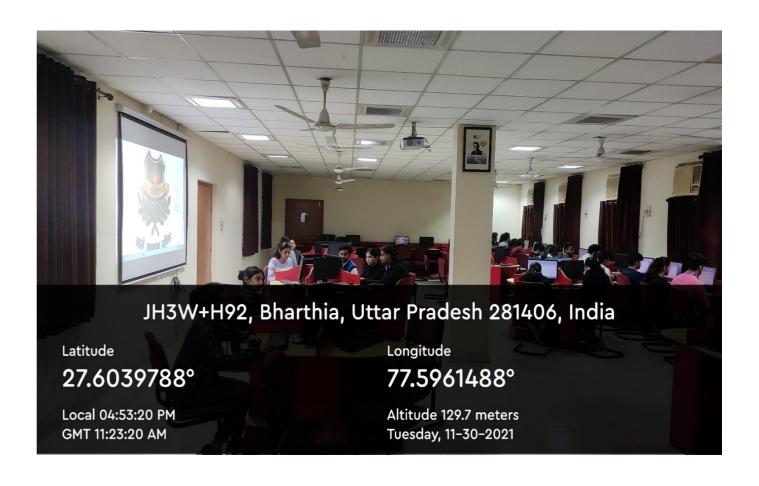




Major Equipments Used: Cooling Incubator, Real Time PCR, Thermal Cycler PCR, Refrigerator Centrifuge, Cooling centrifuge, ELISA Reader, Trinocular microscope, Digital Electronic Balance, Sonicator, Electrophoresis Unit, Bio-safety cabinet A2

COMPUTER LAB-1 NO. 018

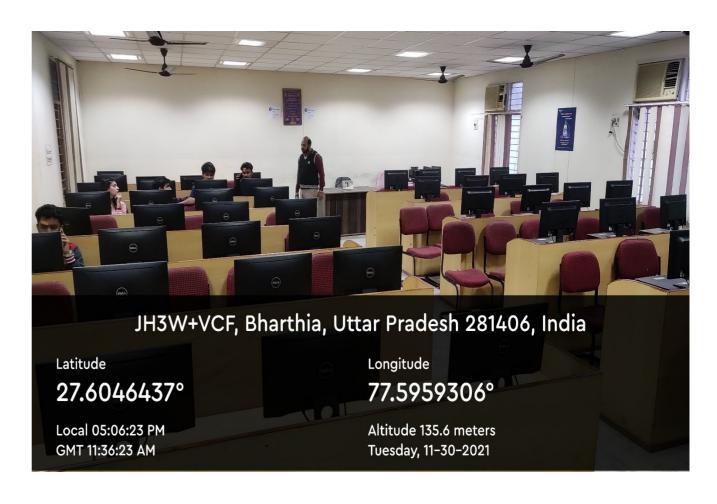




Major Facilities: 68 computers with high speed internet connectivity

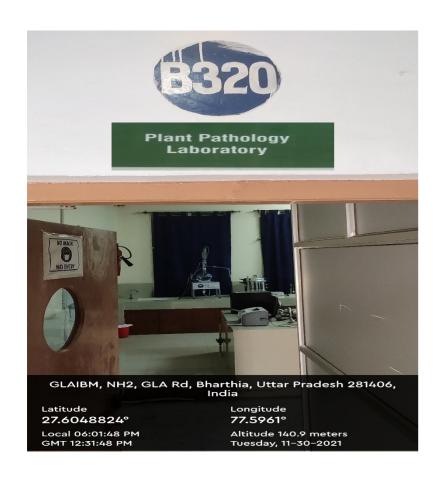
COMPUTER LAB-II NO. 104





Major Facilities: 60 computers with high speed internet connectivity

PLANT PATHOLOGY LAB-NO. 320





Major Equipments Used: Water bath, Binocular microscope, Rotary Shaker

SOIL SCIENCE LAB-NO. 324





Major Equipments Used: Hot air oven, Seed germinator, Flame photometer, Electronic top pan balance 0.1 mg capacity, BOD incubator, Visible Spectrophotometer

*C*DEMIC BLOCK-VII

RESEARCH LAB NO.117





Major Equipments Used: Digital Melting Point Apparatus, Electronic Balance, Hot Air Oven, Hot Plate, Magnetic Stirrer, Microwave Oven, UV Fluorescence Analysis Cabinet, Vacuum Pump

CHEMISTRY LAB-1 NO. 118

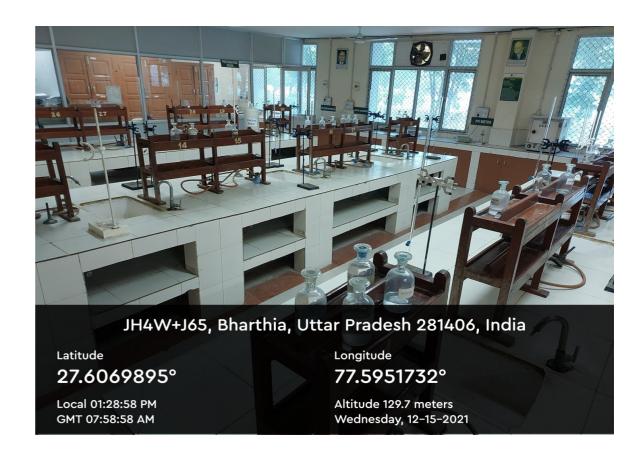




Major Equipments Used: Digital Photocolorimeter, pH meter

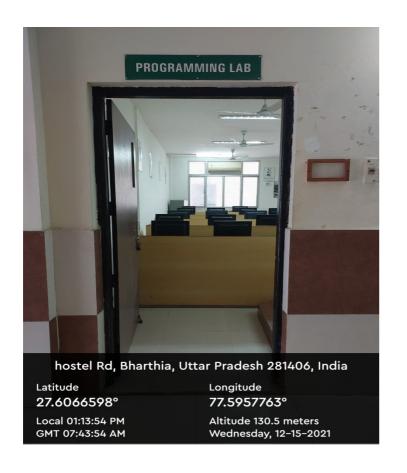
CHEMISTRY L&B-2 NO. 122

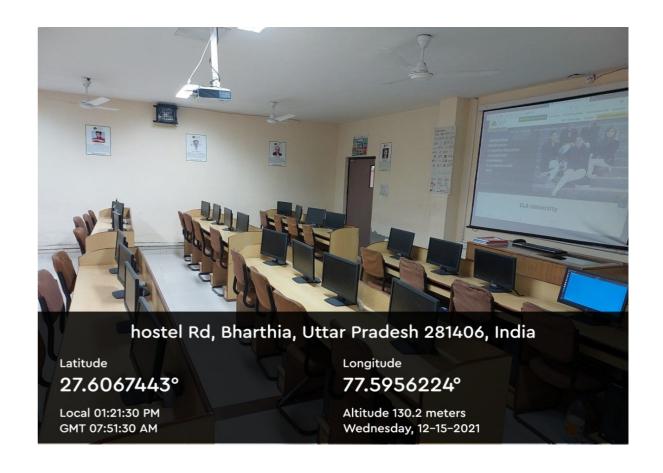




Major Equipments Used : Digital Photocolorimeter, pH meter, Digital balance, Electrical Oven, Digital Spectrophotometer

PROGRAMMING LAB-1 NO.108





Major Facilities: 30 computers, Libra Office, Gcc (v 7.1), jdk JAVA

PROGRAMMING LAB-2. NO. 109

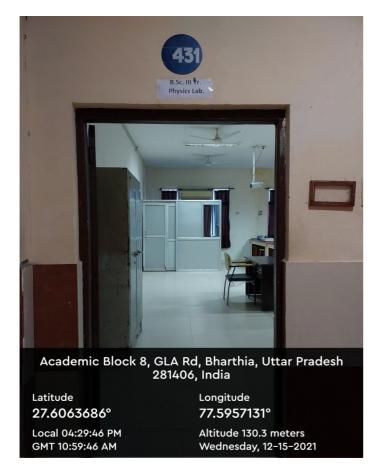


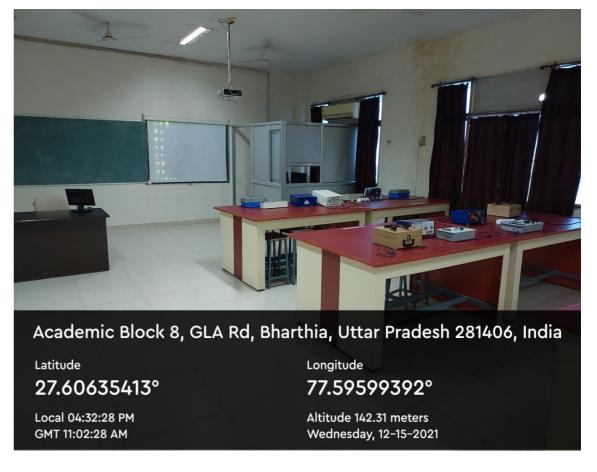


Major Facilities: Libra Office, Gcc (v 7.1), jdk JAVA

*C*DEMIC BLOCK-VIII

L&B NO. 431

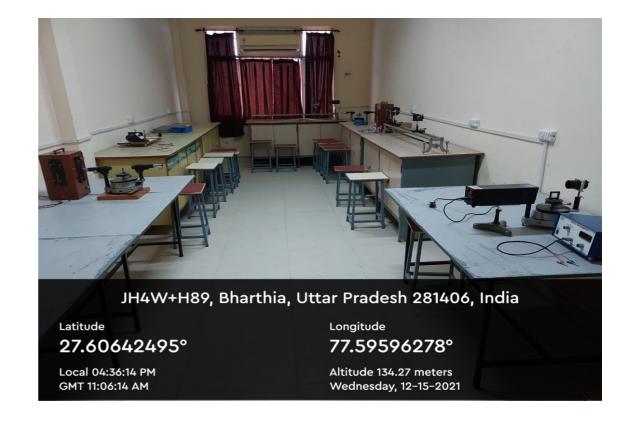




Major Equipments Used: Full wave rectifier, Bridge wave rectifier, VI characteristic of semiconductor diode, VI characteristic of Zener diode, LC passive filter, RC Phase Shift Oscillator, CRO, Puss-Pull Amplifier, Distortion in Puss-Pull Amplifier, Self inductance using Owen's Bridge, Wien bridge Oscillator, Hartley Oscillator, Anderson Oscillator, Resonant frequency in LCR ckt

LAB NO. 425

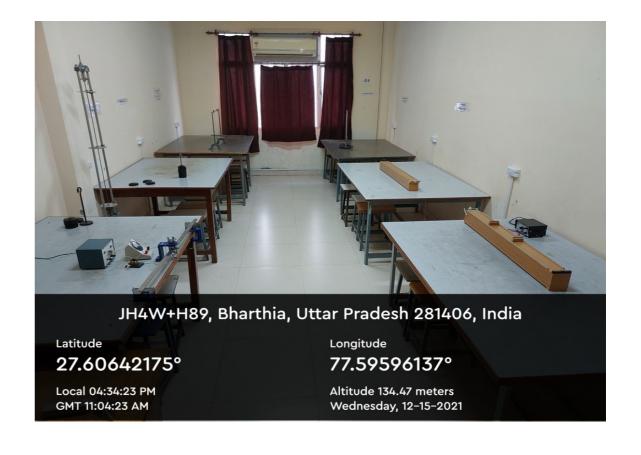




Major Equipments Used: Newton's Ring, Fresnel's biprism, Refraction index of the material of the prism, Diffraction grating, Wavelength of laser light, Nodal slide App, Polarization of light by simple reflection, Fibre optic trainer for numerical aperture

PHYSICS LAB(A) NO. 424

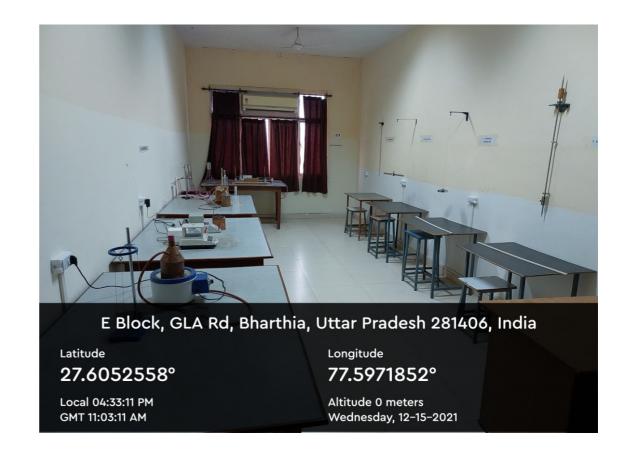




Major Equipments Used: Lees disc method, Stefan's Law, Calender's and Barne's Calorimeter, Joule's Caloriemeter, Searle's Conductivity Apparatus, Sonometer, Melde's apparatus with vibrating bar, Electric vibration by Melde's experiment

PHYSICS LAB (B) NO. 423

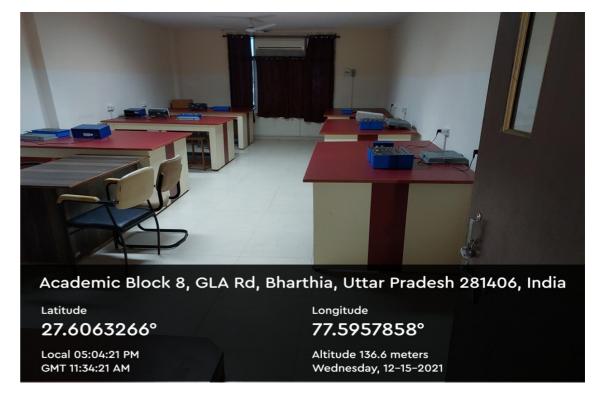




Major Equipments Used: Moment of inertia, Maxwell's needle, Bar pendulum, Bending of beam, Borton's apparatus, Searle's dynamical method, Kater pendulum, Torsion pendulum

M.SC. PHYSICS L&B NO. 328

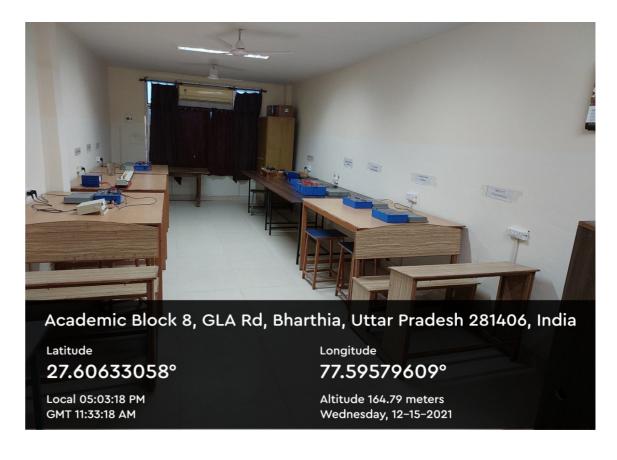




Major Equipments Used: 8085 Microprocessor fir addition and subtraction, Microprocessor to perform multiplication, 8085 Microprocessor to perform division, 8085 Microprocessor to finding the largest number, Write a program for arranging an array, Pulse code modulation and demodulation, Fibre optics transmitter and reciever, PWM modulation and demodulation

M.SC. L&B D&RK NO.327

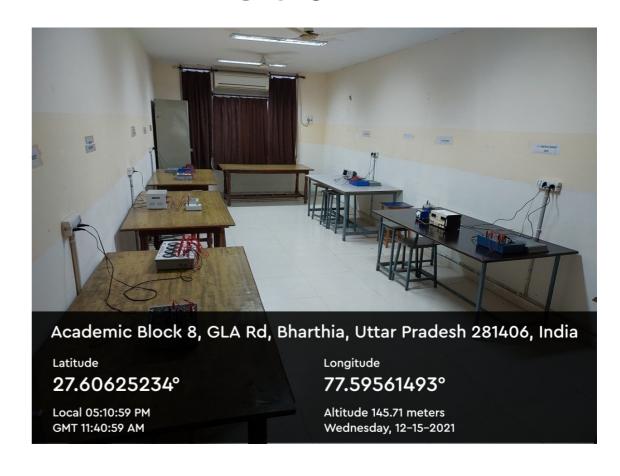




Major Equipments Used: LCR circuit with damping effect, Lattice dynamics, Temperature of hot object with thermistor, Industrial Kelvin double bridge, MOS-FET, Operational amplifier, FET characteristics, Junction diode rectifier and Filter characteristics, Radio Frequency Oscillators

PHYSICS L&B NO. 306





Major Equipments Used: Energy band gap, Four probe method, Characteristics of NPN/PNP junction transistor, Voltage regulation by Zener diode & transistor, Plank constant apparatus using LED, Dielectric constant Apparatus, Hysteresis loss of a transformer by CRO, Different types of logic gates

M.SC. PHYSICS L&B NO. 316





Major Equipments/Facilities: Cornu's method, Cauchy's constant by soectrometer, Hartmann's Fomula using a prism, To determine plank's constant, "e/m" by bar magnet method, High frequency by Lecher wires, Hysteresis loss of a transformer, Logic training board, Transistor characteristics

SURVEY AND GEOINFORMATICS LAB NO. 116 A

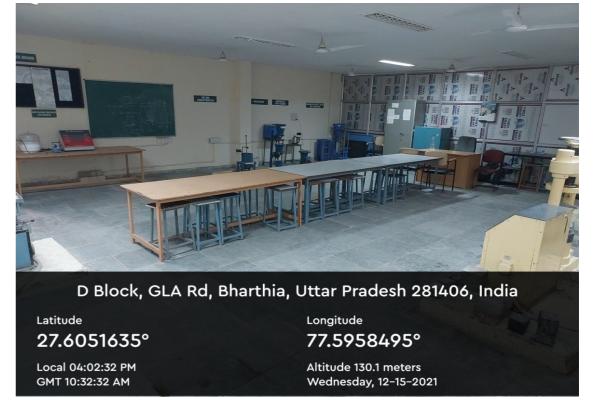




Major Equipments Used: Garmin's Channel (G.P.S), Plane Table Set, Dumpy Level, Vernier Transit Theodolite, Prismatic Compass, Surveyors Compass, Triangulation Signals, Levelling Staff, Satellite imagery (FCC Geo) CD, Sokkia Total Station

BUILDING MATERIAL TESTING LAB NO. 116 B





Major Equipments Used: Soundness test apparatus, Vicat niddle apparatus, Concrete test, Rebound Hammer, Longitudinal Compressometer, Demountable Mechanical Strain Gauge, Lateral Extensometer, Cast Iron Cubes (15x15x15), Constant Temperature Water Bath

CONSTRUCTION ENGINEERING L&B NO. 116 C

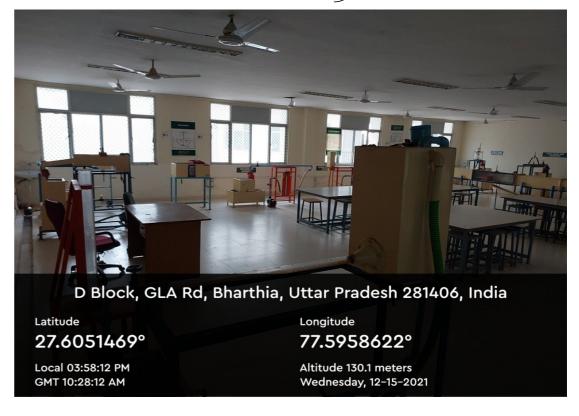




Major Equipments Used: Electronic Platform Type Balance, Electronic Universal Testing Machine 100 kN supplied with computer with laptop & software, Concrete Pan Mixer(100 Ltr.), Cast iron cubes, cylinders and beams

FLUID MECHANICS AND CHANNEL HYDRAULICS LAB NO. 119

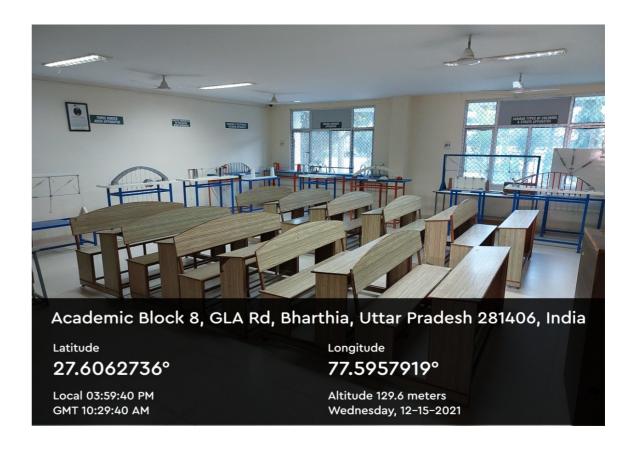




Major Equipments Used: Wind tunnels boundary layers, Metacentric height apparatus, Bernoulli's Theorem Apparatus, Stokes Law Apparatus, Venturi Meter Apparatus, Surface Tension Apparatus, Tilting Flume/Adjustable Channel, Pipe friction apparatus, Tilting Flume/Adjustable Channel

STRUCTURAL ANALYSIS LAB NO. 122





Major Equipments Used: Two hinged arch, Three hinged arch, Deflected beam, Unsymmetrical bending apparatus, Elastic Properties of Deflected beam

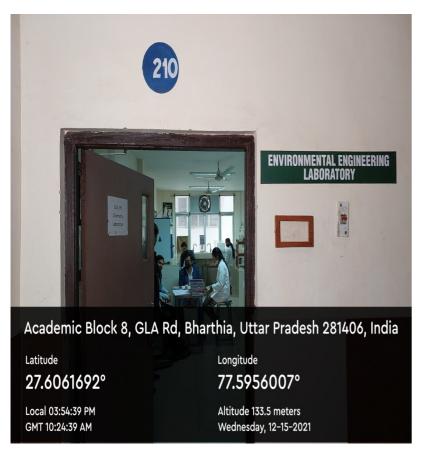
SUSTAINABLE ENVIRONMENTAL AND AGRICULTURAL LAB NO. 209

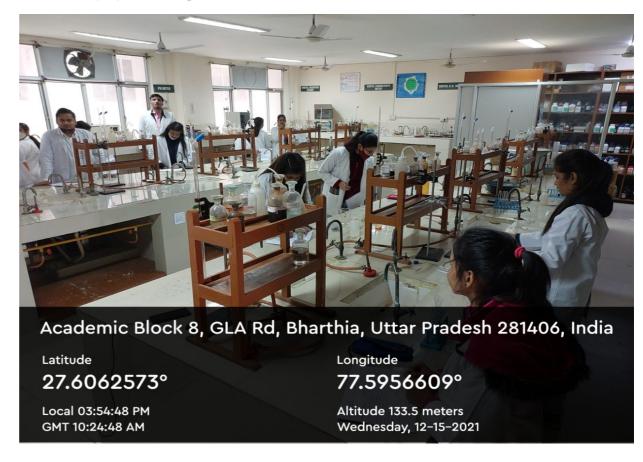




Major Equipments Used: Digital Balance, Pocket Balance, Centrifugal Machine, Pocket Ph Meter, Conductivity Meter, Table Top, Vortex Shaker, Desicator, Ph Meter, Table Top

ENVIRONMENTAL ENGINEERING LAB NO.210





Major Equipments Used: Analytical Balance, B.O.D Incubator, Digital PH Meter, Distillation Plant, Muffle Furnace, Hot Air Oven, Respirable Dust Sampler, Spectro photo meter, C.O.D. Digestion Apparatus Digital Conductivity Meter, Heating Mantle, Hot Plate, Magnetic Stirrer, Melting Point Apparatus, Water Bath

CAD LAB NO. 228





Facilities: 57 computers with high speed internet connectivity, Primavera, Bentley Suite, Projector

PHYSICS L&B NO. 301





Major Equipments Used: Newton's Ring, Biprism, Polarimeter, Diffraction grating, Stefan's Law, Carrey Foster's Bridge, Variation of magnetic field, Calibration of Ammeter, Calibration of Voltmeter, Energy band, Four Probe method, Leakage method

PHYSICS L&B NO. 302



Major Equipments Used: Newton's Ring, Biprism, Polarimeter, Diffraction grating, Stefan's Law, Carrey Foster's Bridge, Variation of magnetic field, Calibration of Ammeter, Calibration of Voltmeter, Energy band, Four Probe method, Leakage method

PHYSICS L&B NO. 303

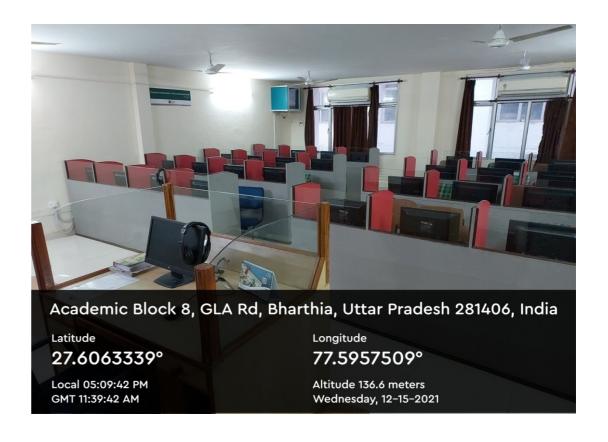




Major Equipments Used: Newton's Ring, Biprism, Polarimeter, Diffraction grating, Stefan's Law, Carrey Foster's Bridge, Variation of magnetic field, Calibration of Ammeter, Calibration of Voltmeter, Energy band, Four Probe method, Leakage method

ENGLISH LANGUAGE LAB 1 NO.307

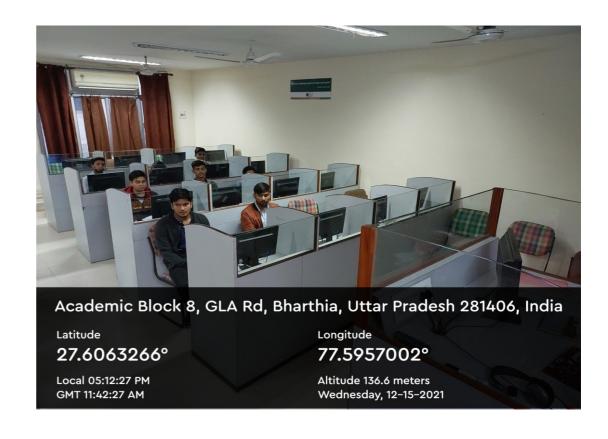




Major Facilities: 33 computers with Headphones, Orell software

ENGLISH LANGUAGE LAB NO. 308





Major Facilities: 33 computers with Headphones, Orell software

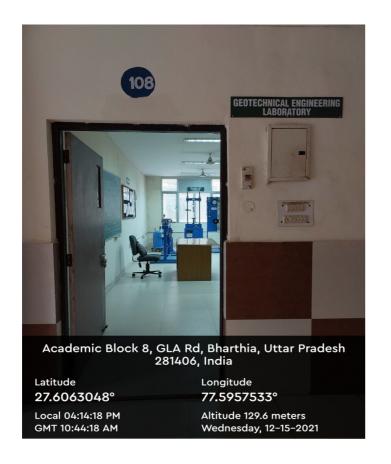
TRANSPORTATION ENGINEERING LAB NO.105





Major Equipments Used: Aggregate Impact Tester, Bitumen penetration kit, Crushing Value Apparatus, Ductility Testing Machine, Flash & fire point Apparatus, Los Angeles Machine, Ring & Ball Apparatus, Marshall Stability Test Apparatus, Weighing Balance 30 kg (Digital), Infra Digital Thermometer Range= -50'c to 500'c, Hot Air Oven

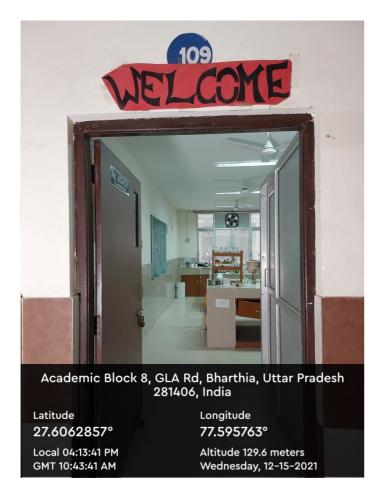
GEOTECHNICAL ENGINEERING LAB NO. 108

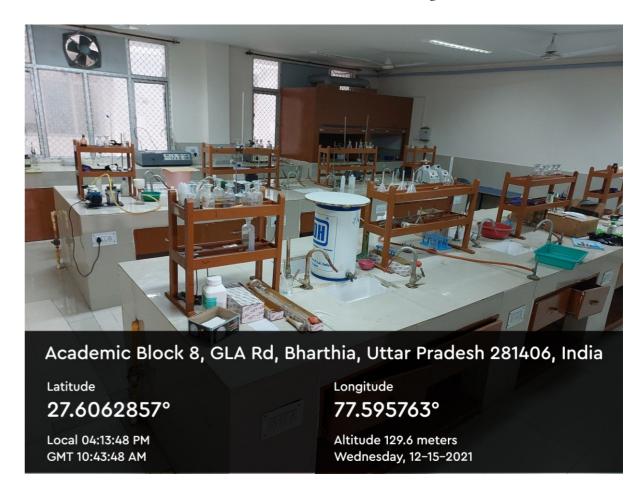




Major Equipments Used: Liquid limit device, Permeability Mould Assembly, Consolidation Apparatus, Triaxial Test Apparatus, Direct shear test apparatus, CBR Mould accessories, Weighing Balance of 500 g accuracy = 0.01 g, Hot air oven, Core cutter apparatus

M.SC.L&B(CHEMISTRY) NO.109





Major Equipments Used: Conductivity TDS Meter, Digital Colorimeter, Electrical Balance, Melting Point Apparatus, pH Meter, UV-Visible Spectrophotometer, Vacuum Pump, Water Bath

INNOVATION LAB. NO. 204

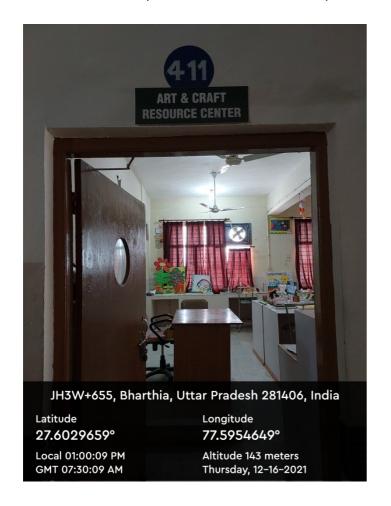


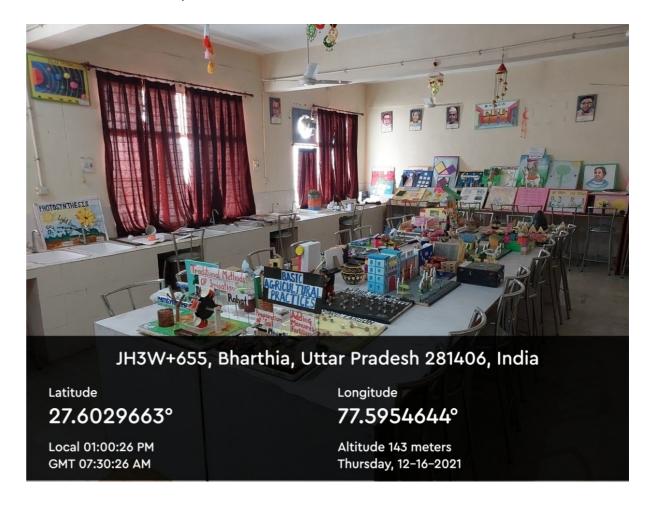


Major Equipments Used: Mechanical Transmission Line, Equilibrium with magnets, An harmonic Oscillator, Lissajous Figures, Plasma State, Magnetically Coupled Oscillator, Solar Concentrator, Importance of curved surface, Angular Momentum Conservation, Series of Pendulum, Racing Track, Motion on Inclined Plane

ACADEMIC BLOCK-IX

RESOURCE CENTER NO. 411





Major Facilities: Models, Charts

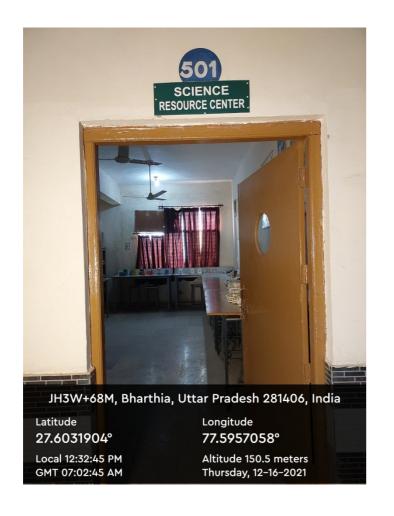
RESOURCE CENTER NO. 415

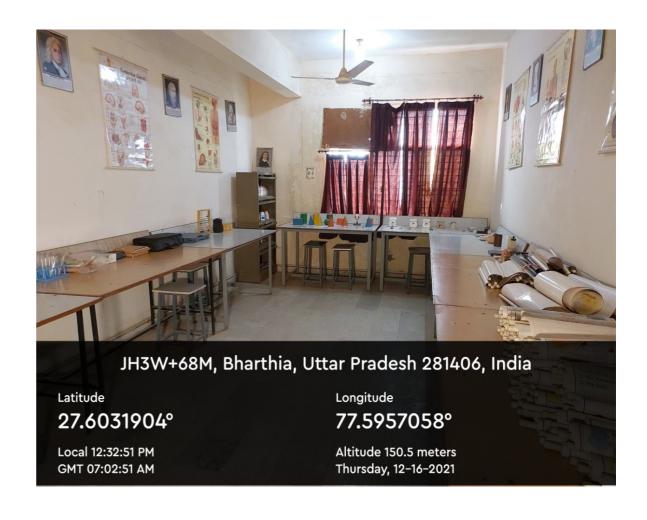




Major Facilities : Computer, LCD Projector

RESOURCE CENTER NO. 501





Major Facilities: Models, Charts

COMPUTER LAB NO. 507

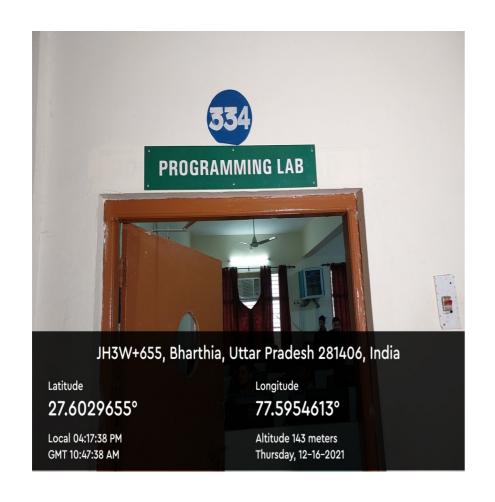




Major Facilities: 30 computers with high speed internet connectivity

ACADEMIC BLOCK-X

PROGRAMMING LAB NO. 334

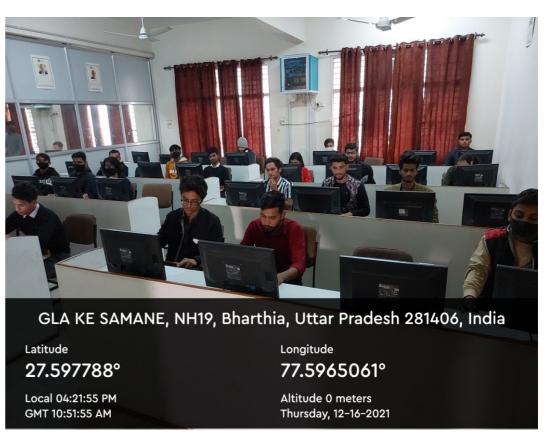




Major Facilities: 30 computers, Libra Office, Gcc (v 7.1), jdk JAVA

OBJECT ORIENTED PROGRAMMING LAB NO. 335





Major Facilities: 32 computers, Libra Office, Gcc (v 7.1), jdk JAVA

ADVANCED PROGRAMMING LAB NO. 336

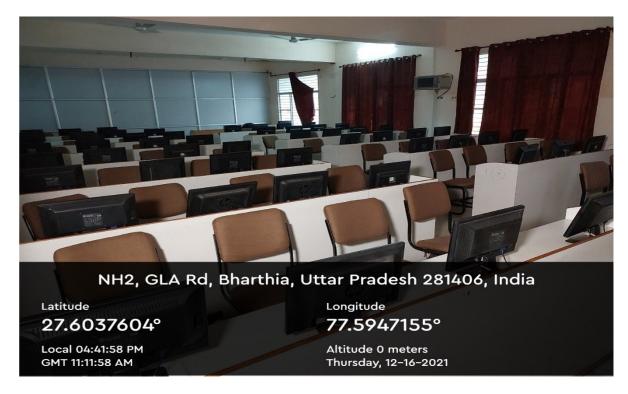




Major Facilities: 32 computers, Libra Office, Gcc (v 7.1), jdk JAVA

COMPUTER LAB NO. 222 B





Major Facilities: 60 computers with high speed internet connectivity

NANOTECHNOLOGY INSTRUMENTATION LAB NO. 28

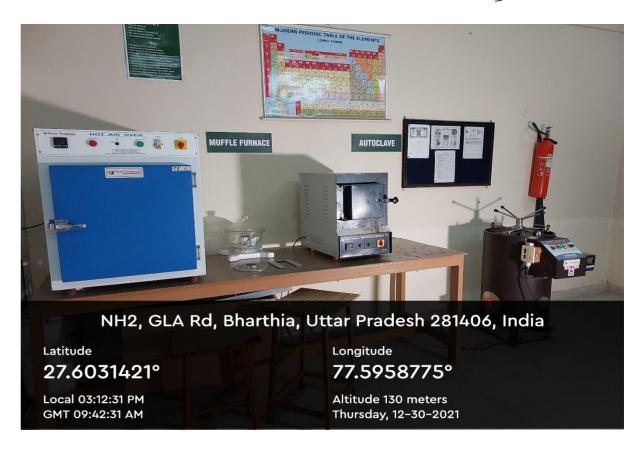




Major Equipments Used: Centrifuge, Electrical Balance, Magnetic Stirrer, Particle Size Analyzer, pH meter, RRDE CH Work Station, Thermogravimetric Analyser, Ultrasonic Bath

NANOTECHNOLOGY WET LAB NO. 29





Major Equipments Used: Distillation Unit, Hot Air Oven, Microwave, Muffle Furnace, Stirrer, Vertical Autoclave, Water Bath

ACADEMIC BLOCK-XI

IIOT LAB

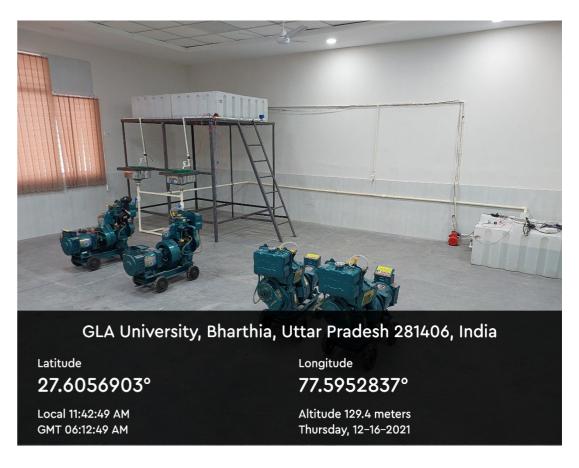




Major Facilities: IIOT Cloud, Theme Works Analytics, Machine Learning

PROJECT LAB

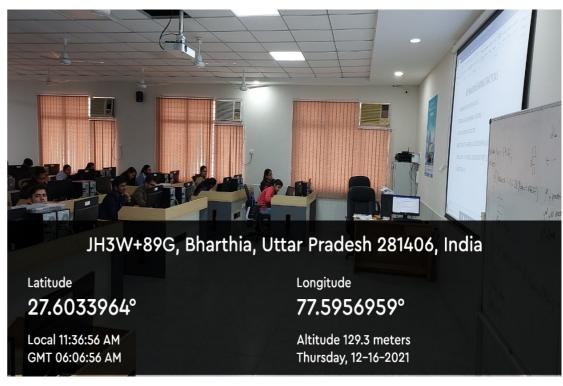




Major Facilities : Hands-On IIOT Projects, Applications of Data Analysis, Machine Learning

MANUFACTURING LAB

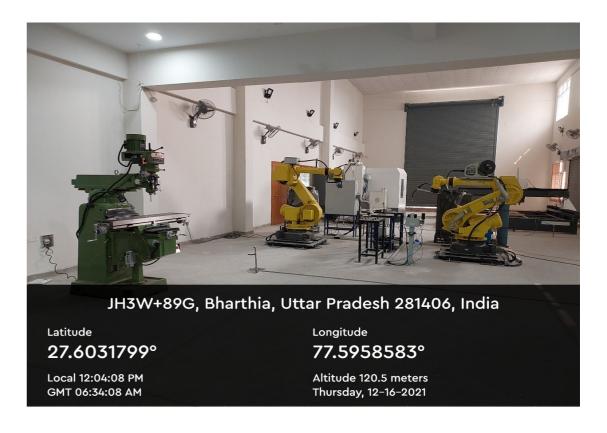




Major Facilities : All Designing Software Equipped (Catia, Mastercam, and Analysis Softwares) Industrial Workstations

WORKSHOP





Major Equipments Used: Vertical Milling Center (VMC), CNC 3D Router, Welding and Pick & Drop Robots, Pipe Bending Machine, Vertical Milling Machine (M1TR), Semi Automatic Lathe, Surface Grinding Machine, 3D Scanner Set Up