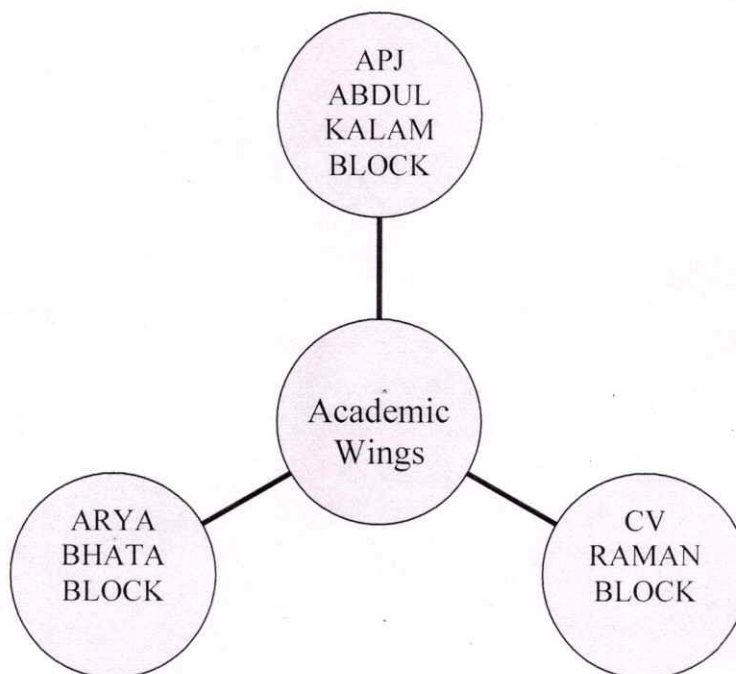




4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution.

Academic Wings

Roorkee Institute of Technology is stretched over an area of 7 acres in a green, clean, neat and spacious environment. It is a fully self-contained campus with requisite infrastructure based on AICTE norms. All Block (A.P.J. ABDUL KALAM BLOCK. C.V. RAMAN BLOCK and ARYA BHATTA BLOCK) forms the major academic wings with modernized classrooms and ICT facilities, laboratories, seminar halls, meeting rooms/board rooms, tutorial rooms that are adequate to provide a good learning ambience to students. To nurture learning, a wide array of sophisticated equipment is available in all the laboratories.



Vision

To be an Institute of Academic Excellence committed to provide Technical and Management Education.

Mission

- To provide excellence in education and skills development by encouraging the students to be lifelong learners.
- To facilitate the environment of growth and excellence for its students in their respective areas of interest.
- To create a community of dynamic workers and learners that values personal development and mutual well being.
- To undertake collaborative projects which offer opportunities of interaction with academia and industry.

"Transforming Aspirations into Achievements"



Research and Development Cell

To organize and motivate co-curricular and extra-curricular activities the campus has seminar and conference halls. To foster research activities, the institute has channelized research centre in various domains,

Internet connection

The college has a dedicated 600 Mbps leased line connectivity from One Touch Solutions for providing uninterrupted internet services to the systems. There is a separate server room which provides all network connectivity, administrative services throughout the campus Entire campus is Wi-Fi enabled with secure log in mechanisms

Central Library

To inculcate the habit of reading, the central library has a wide collection of books magazines. Journals in the central library. It is fully automated with the separate Laptop charging area. Apart from the text books and reference books that are specified in the syllabus, the books related to recent technologies and advancements in all fields of engineering, books for personality development, books to prepare for GATE exams, TOEFL, GRE, GMAT exams are also available to patronize the spirit of perpetual learning a digital library is functioning inside the central library. The students can access e-books, e-journals NPTEL videos in this digital library.



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ROORKEE INSTITUTE OF TECHNOLOGY

Managed by : Himalayan Charitable Trust | Approved by : AICTE, Ministry of HRD (Govt. of India)
 Affiliated to : Uttarakhand Technical University, Dehradun & Uttarakhand Board of Technical Education, Roorkee
 8th Km, Dehradun Road, Puhana, Roorkee - 247667 (Uttarakhand)
 Email : ritroorkee@gmail.com Website : www.ritroorkee.com Mob.: 9927099210, 9927099219

NAAC
GRADE A++
 Accredited Institute

ACADEMIC FACILITIES

S.No.	Room	Description
1.	Class Rooms	Spacious Classrooms with good ventilation, comfortable benches with desks for students, wide and length board in green color/white board, LCD Projector and Wi-Fi facilities area available in the classrooms. Having smart classroom facility Count: 37
2.	Laboratories	Laboratories are equipped with Systems, machines, and latest Software's with an environment to implement and Experiment Knowledge acquired in the class room
3.	Central Library	Spacious, well-designed library in a calm and disciplined atmosphere caters the needs for students and faculty of all departments with variety of books, magazines, and journals.
4.	Digital Library	Spacious, well-designed digital library to access and use of e-resources (Online Journals, e-books etc.) with the high-speed internet connection 600MBPS
5.	Auditorium & Seminar Hall	A spacious venue with comfortable chairs and ICT facilities and good audio system. There is one auditorium and one seminar hall for conducting seminars and conferences.
6.	Workshop	Workshop is equipped with latest machines and an environment to Experiment Knowledge acquired in the workshop.
7.	Computer Center	Computer center is equipped with the ICT Facility and high speed I AN for all students and faculty members.
8.	Server Room	Server room, center point for the internet and LAN, for managing, equipped with the latest hardware and bandwidth management/Firewall
9.	Lecture Recording Room	Having a dedicated recording space to record lectures is ideal, available for both faculty and students.
10.	Language Lab	Language lab is equipped with the latest language lab software and system for the students and faculty members.
11.	Research and Development Cell	Research and development (R&D) include activities that institute undertake to innovate and introduce new research, publication and services
12.	Incubation Cell	Provide platform for new generation entrepreneurs to transform their business ideas into concrete business plans and start-up

Vision

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Mission

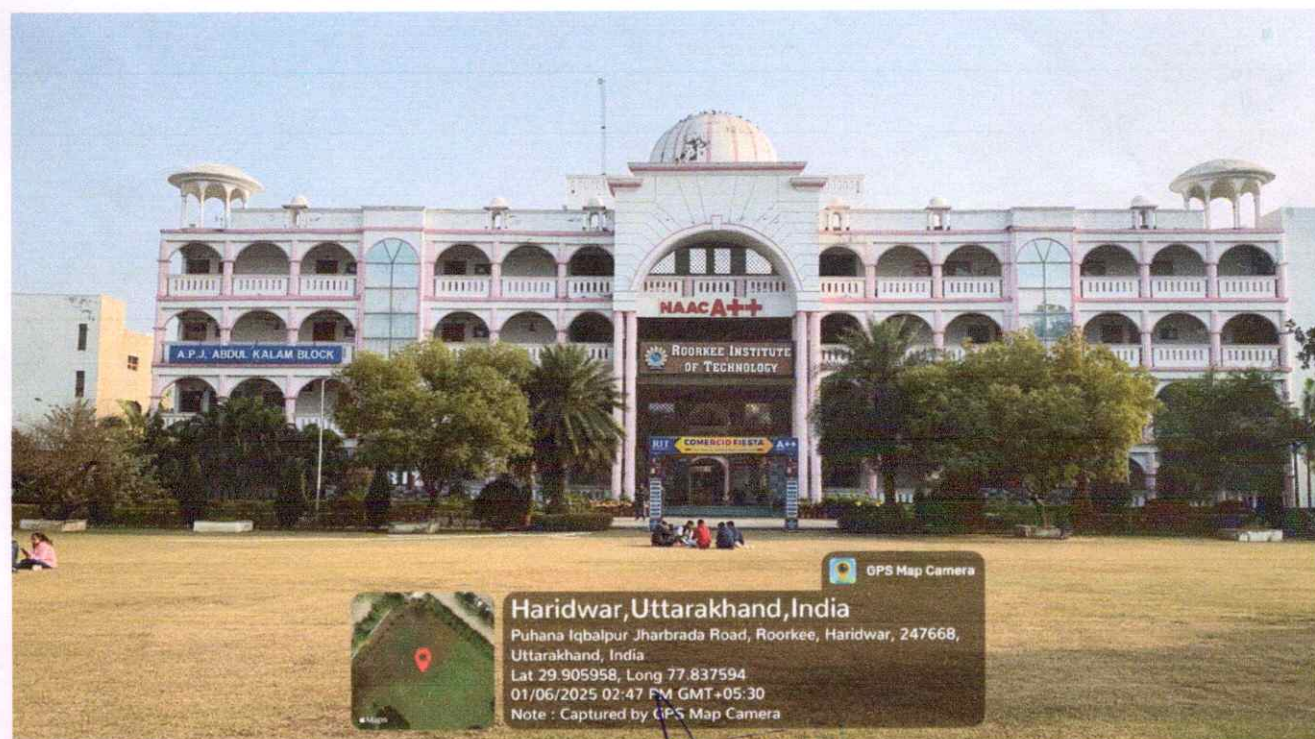
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ROORKEE INSTITUTE OF TECHNOLOGY, ROORKEE INSTITUTE GATE



INSTITUTE (FRONT VIEW)





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ACADEMIC FACILITIES

Class Rooms



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Mission

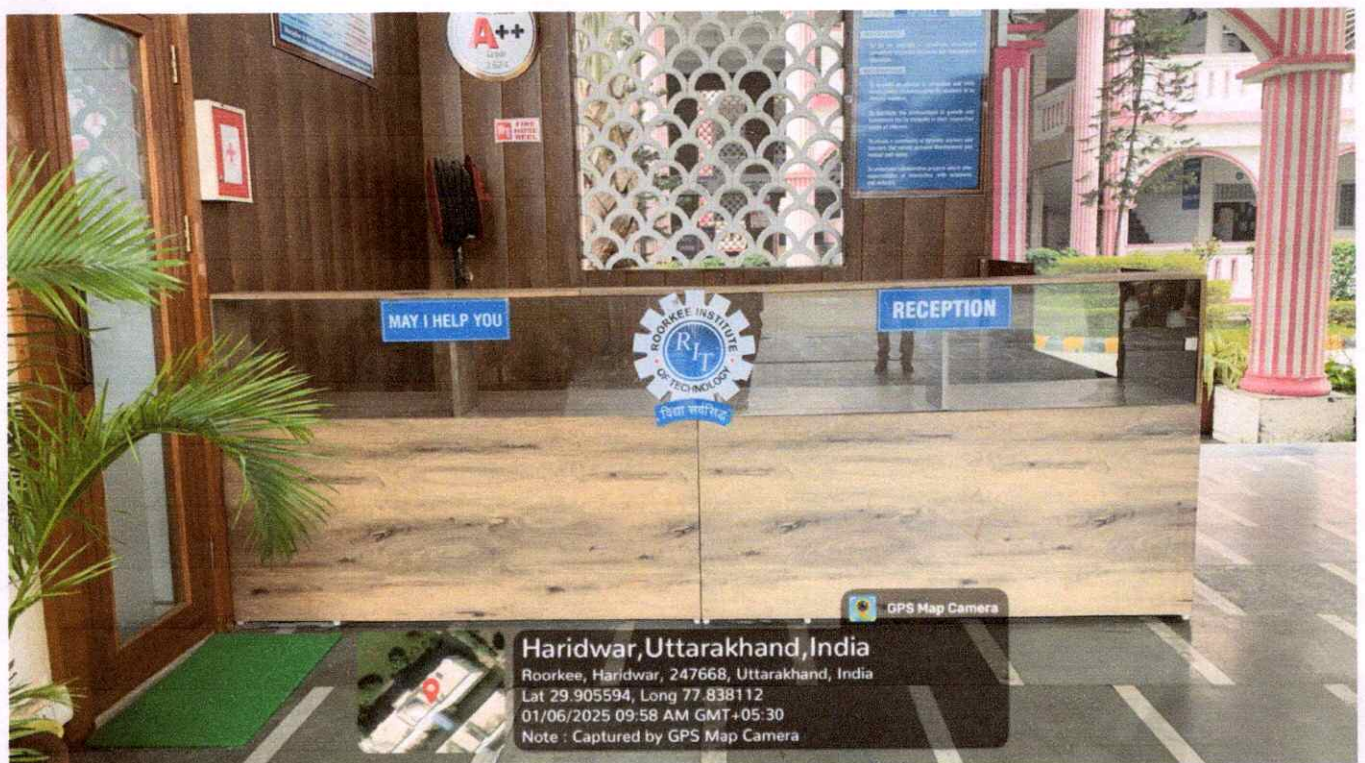
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A.P.J.ABDUL KALAM BLOCK

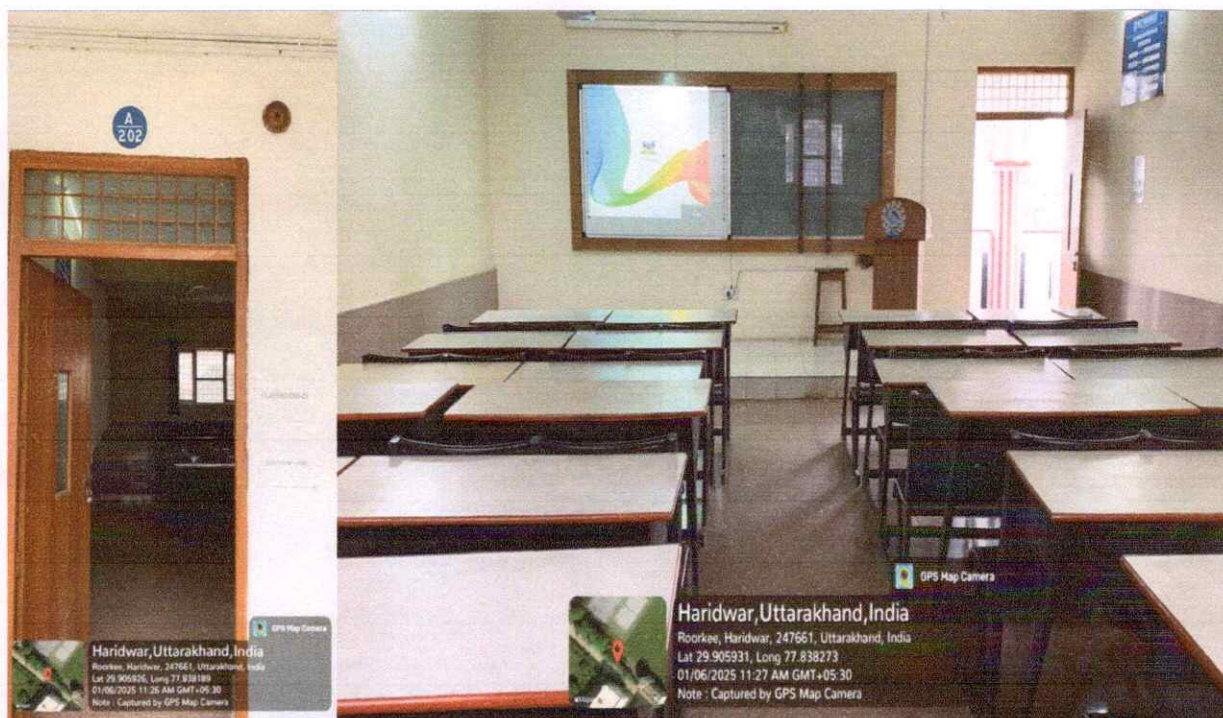


RECEPTION OF A.P.J.ABDUL KALAM BLOCK





CLASS ROOM A-201 (Wi-Fi,Projector)

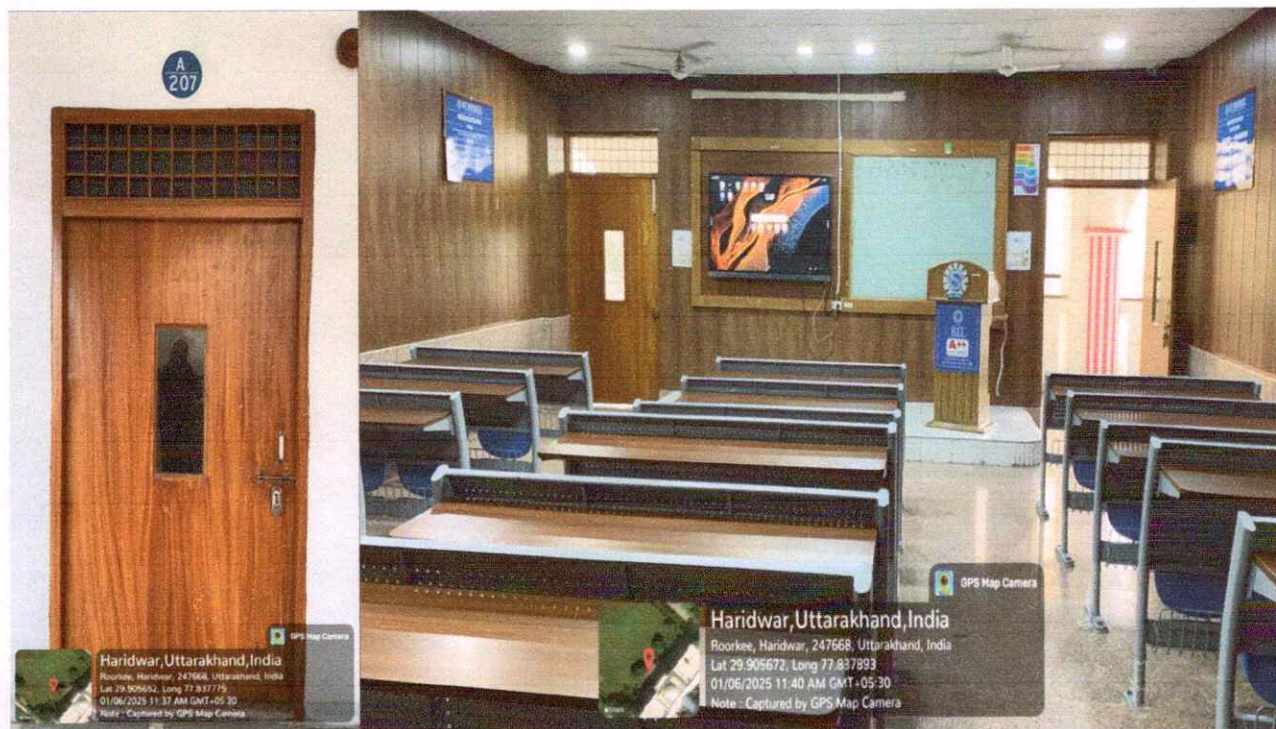


CLASS ROOM A-202 (Wi-Fi,Projector)





CLASS ROOM A-203 (Wi-Fi, Projector)



CLASS ROOM A-207 (Wi-Fi, Touch panel)

Handwritten signature and a circular stamp with the text "ROORKEE" and "HARIDWAR" are visible at the bottom of the page.



CLASS ROOM A-208 (Wi-Fi, Touch panel)



CLASS ROOM A-301 (Wi-Fi)

Handwritten signature and a circular official stamp of Roorkee Engineering College & Technology, Haridwar, Uttarakhand, India.



CLASS ROOM A-302 (Wi-Fi)



CLASS ROOM A-303 (Wi-Fi)



CLASS ROOM B-001



FACILITIES: Wi-Fi, Smart board.



CLASS ROOM B-002



Facility: Wi-Fi, Smart board



CLASS ROOM B-003



Wi-Fi, Projector, Smart board



CLASS ROOM B-301



CLASS ROOM B-301 (Wi-Fi, Projector)



CLASS ROOM B-302



CLASS ROOM B-302 (Wi-Fi)





CLASS ROOM B-303 (Wi-Fi, Projector)

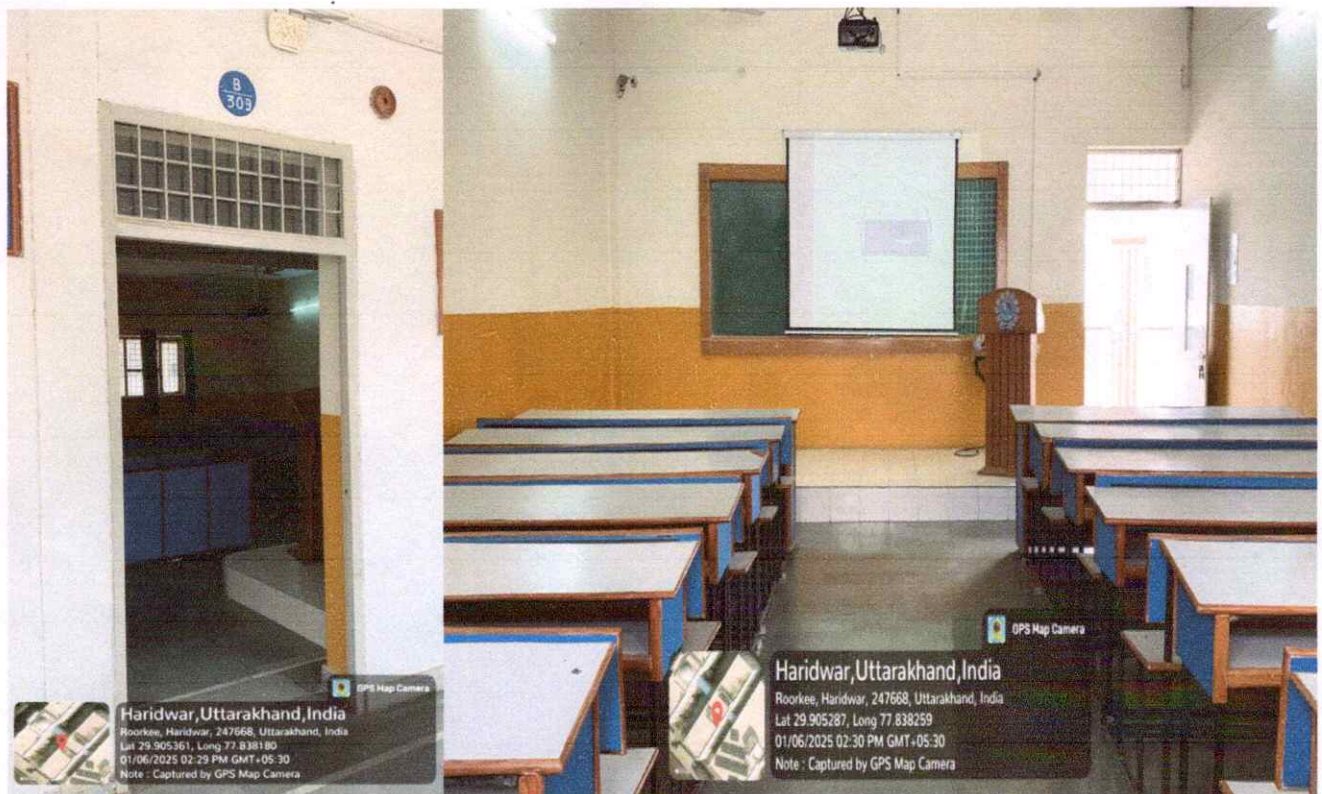




CLASS ROOM B-308 (Wi-Fi)



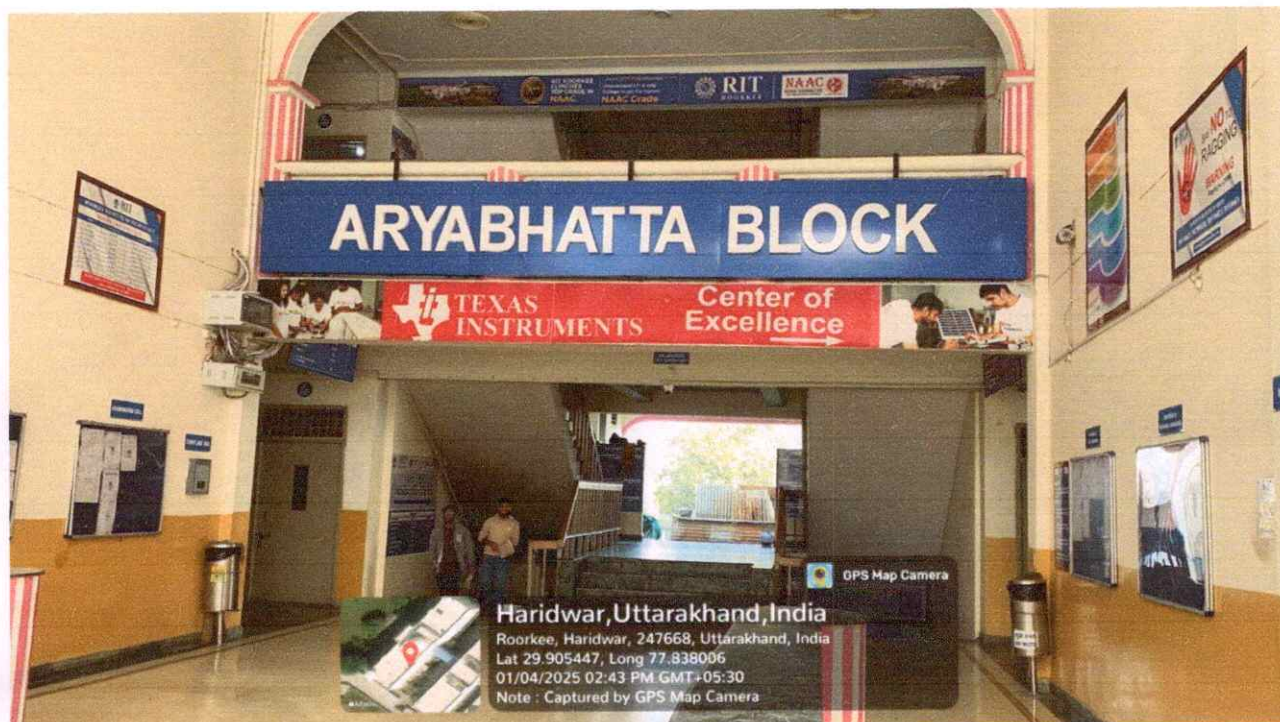
CLASS ROOM B-309



CLASS ROOM B-309 (Wi-Fi, Projector)



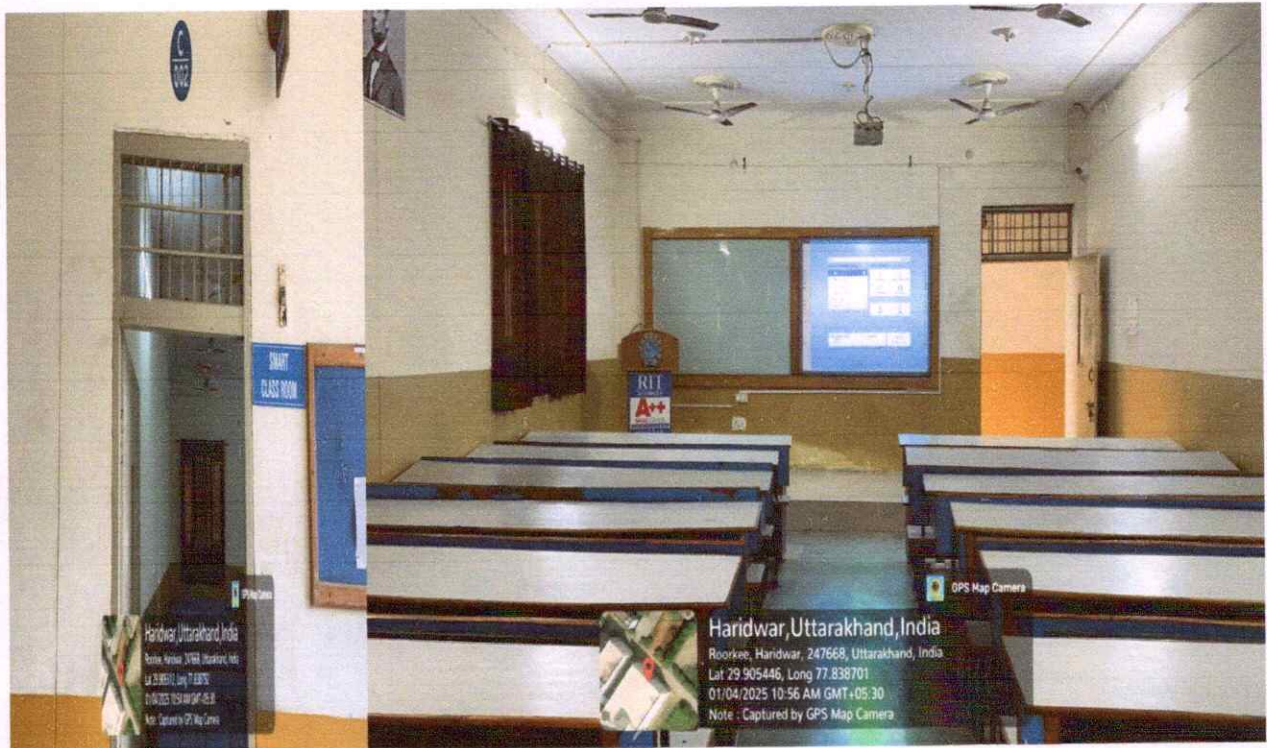
ARYA BHATTA BLOCK (FRONT VIEW)



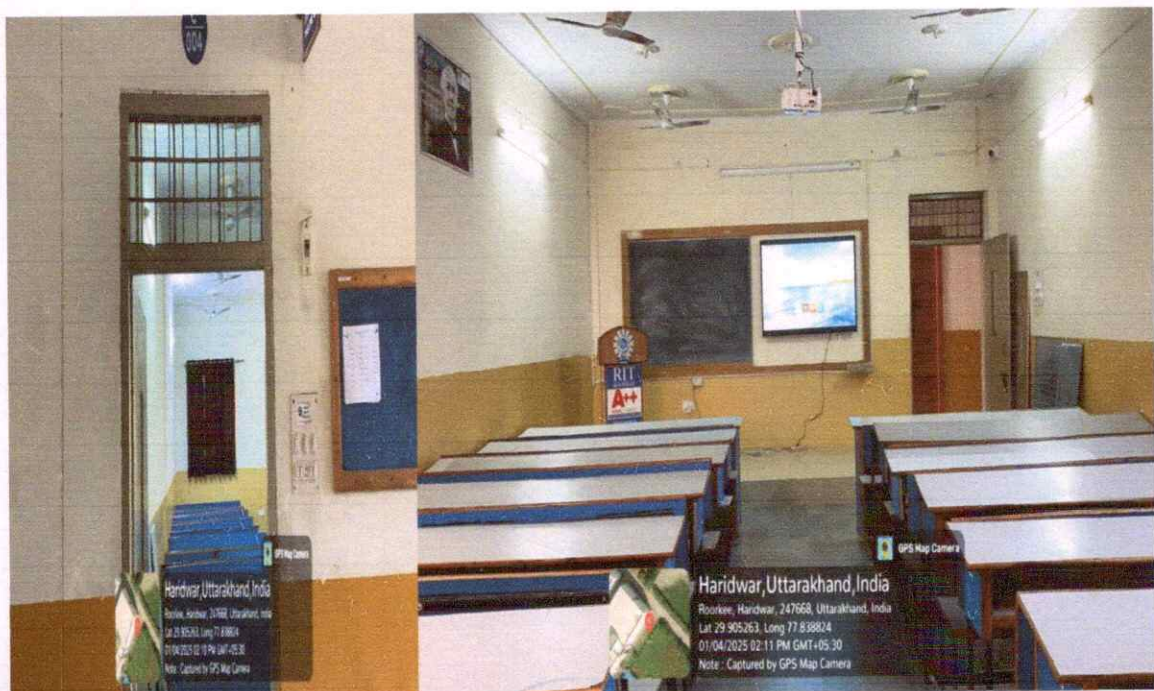
ARYA BHATTA BLOCK (BACK VIEW)



ARAYA BHATA BLOCK (C BLOCK)



CLASS ROOM C-002 (Wi-Fi, Smart Board)



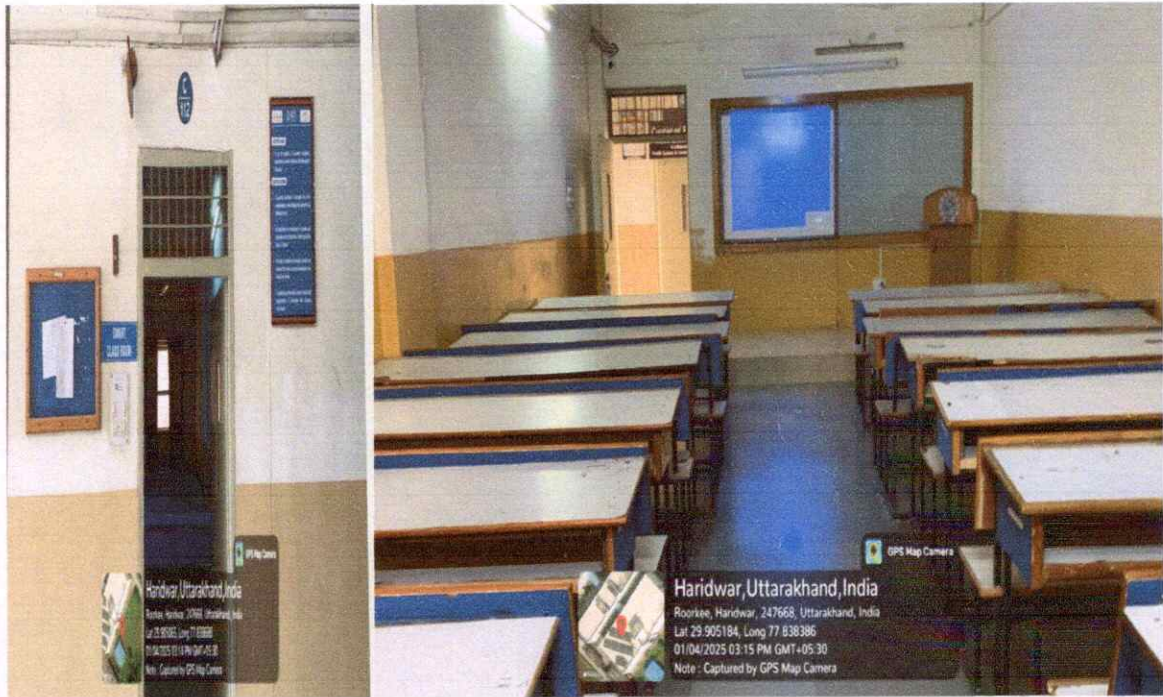
CLASS ROOM C-004 (Wi-Fi, Smart board)





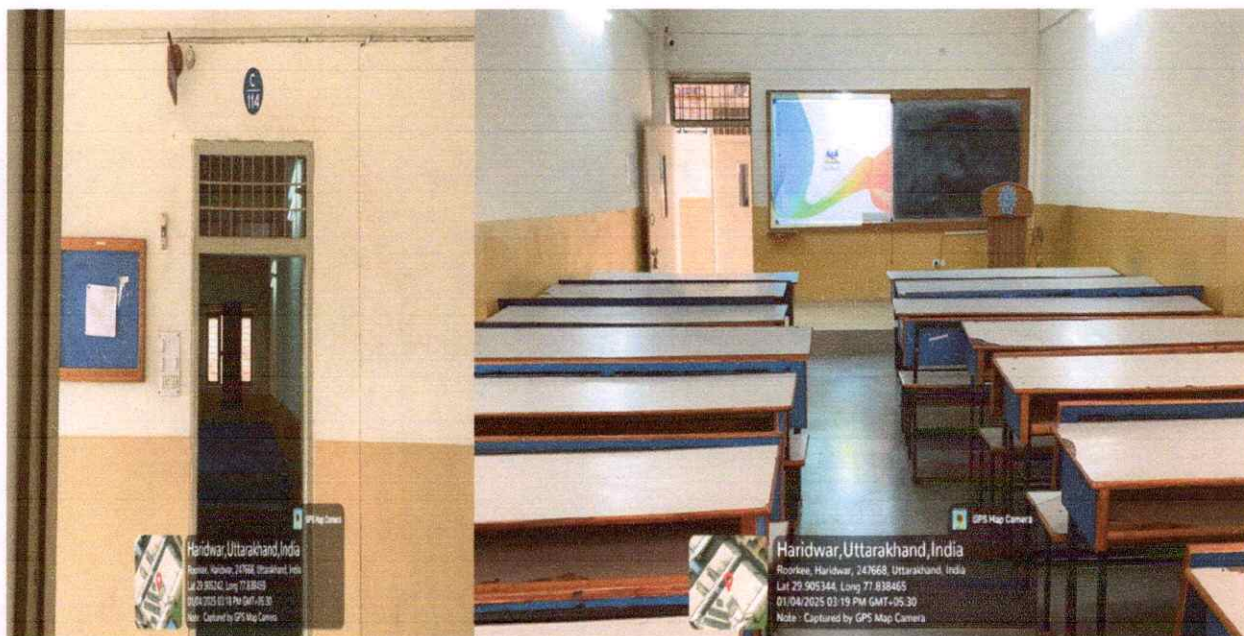
CLASS ROOM C-108 (Wi-Fi, Projector)





CLASS ROOM C-112 (Wi-Fi,Smart Board)



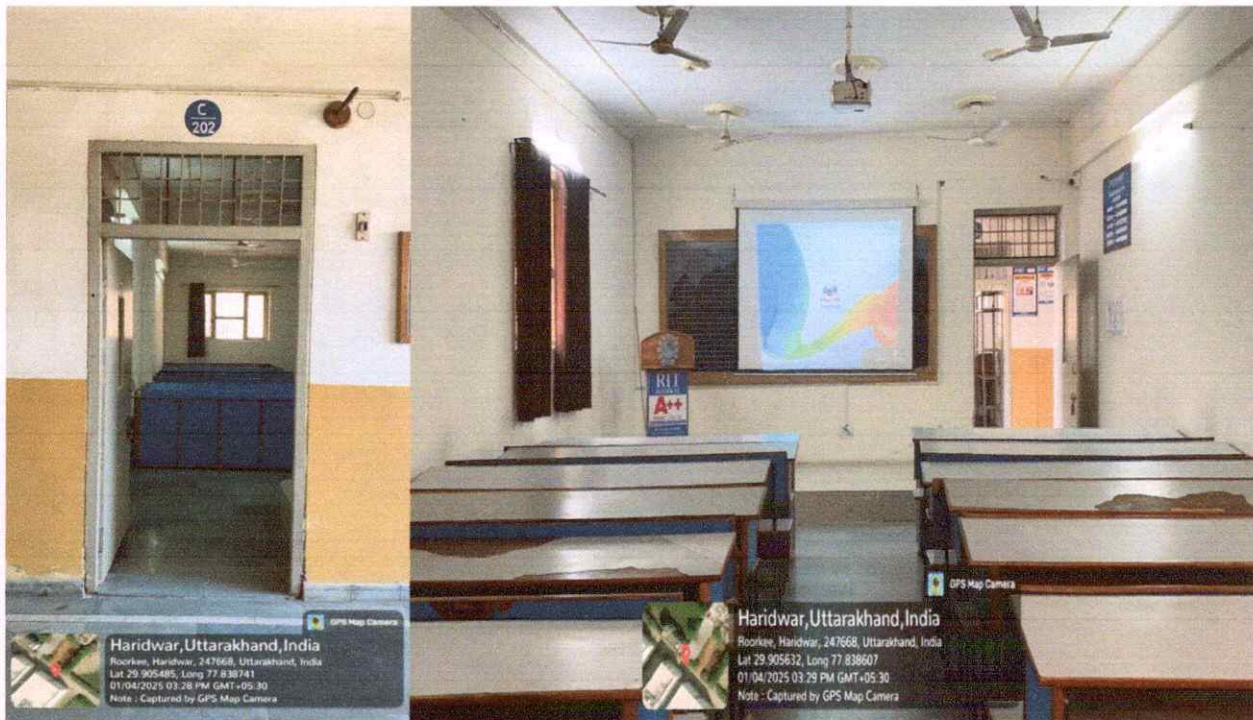


CLASS ROOM C-114 (Wi-Fi, LCD Projector)



CLASS ROOM C-116 (Wi-Fi, LCD Projector)





CLASS ROOM C-202 (Wi-Fi, LCD Projector)



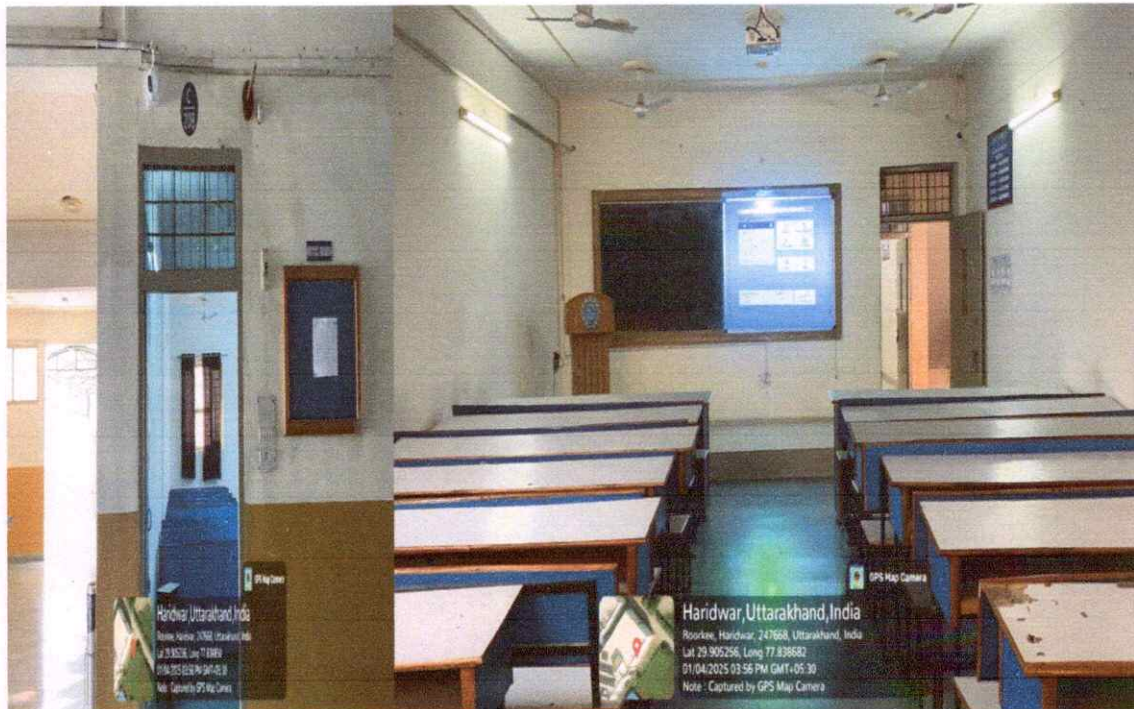


CLASS ROOM C-204 (Wi-Fi,Projector)



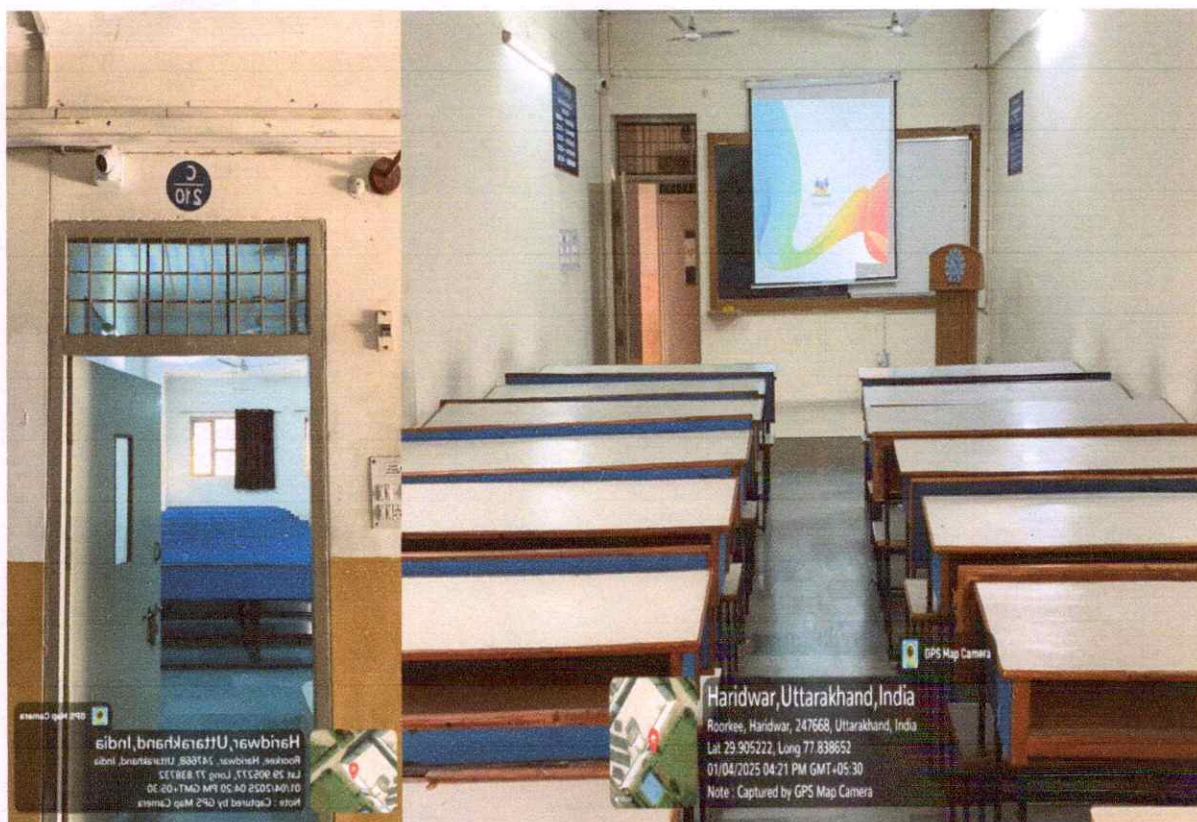


CLASS ROOM C-206 (Wi-Fi,Projector)

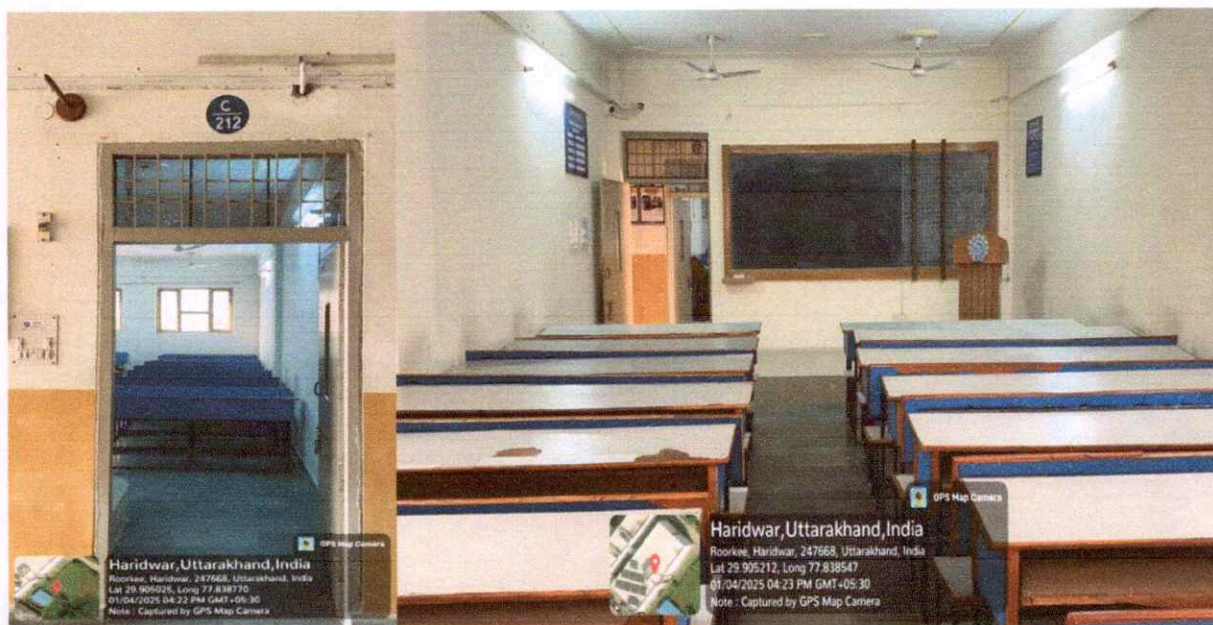


CLASS ROOM C-208 (Wi-Fi,Projector)





CLASS ROOM C-210 (Wi-Fi,Projector)

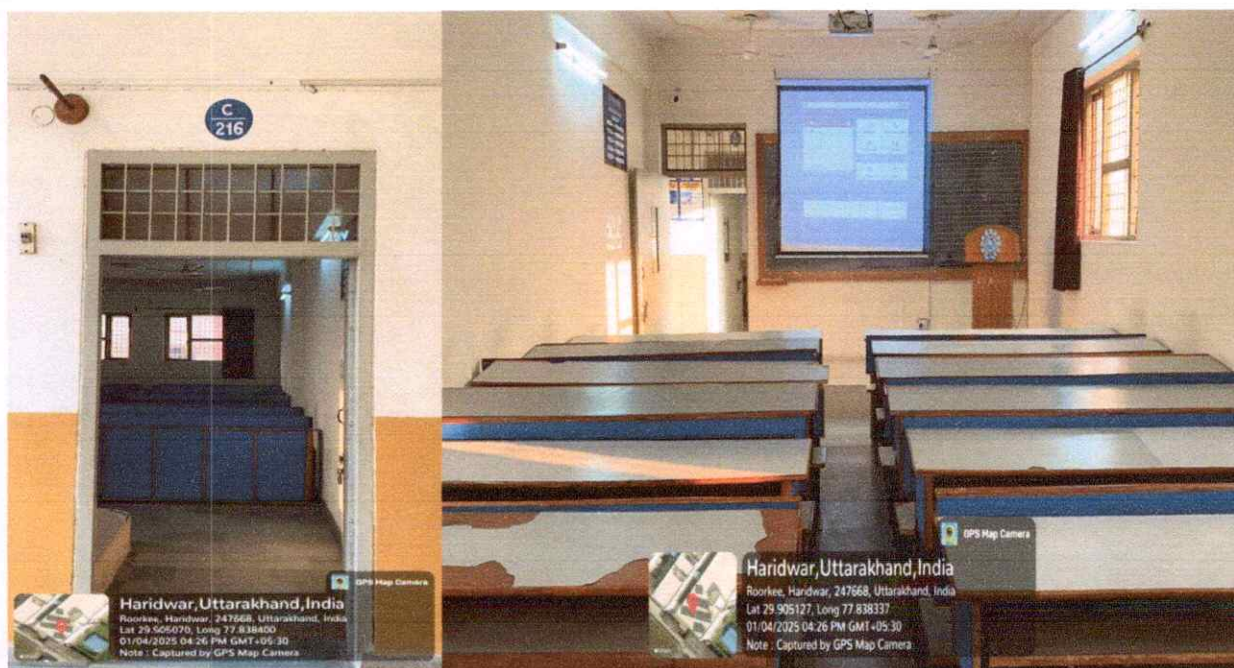


CLASS ROOM C-212 (Wi-Fi)

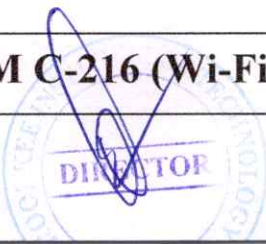




CLASS ROOM C-214 (Wi-Fi, Projector)



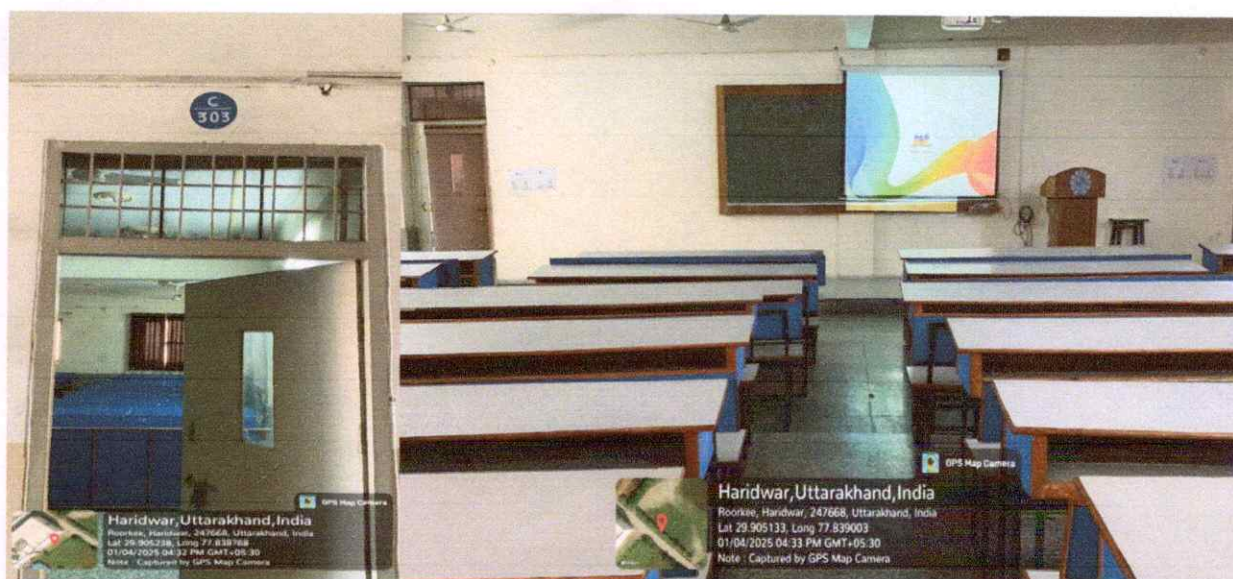
CLASS ROOM C-216 (Wi-Fi, Projector)





CLASS ROOM C-302 (Wi-Fi, Projector)



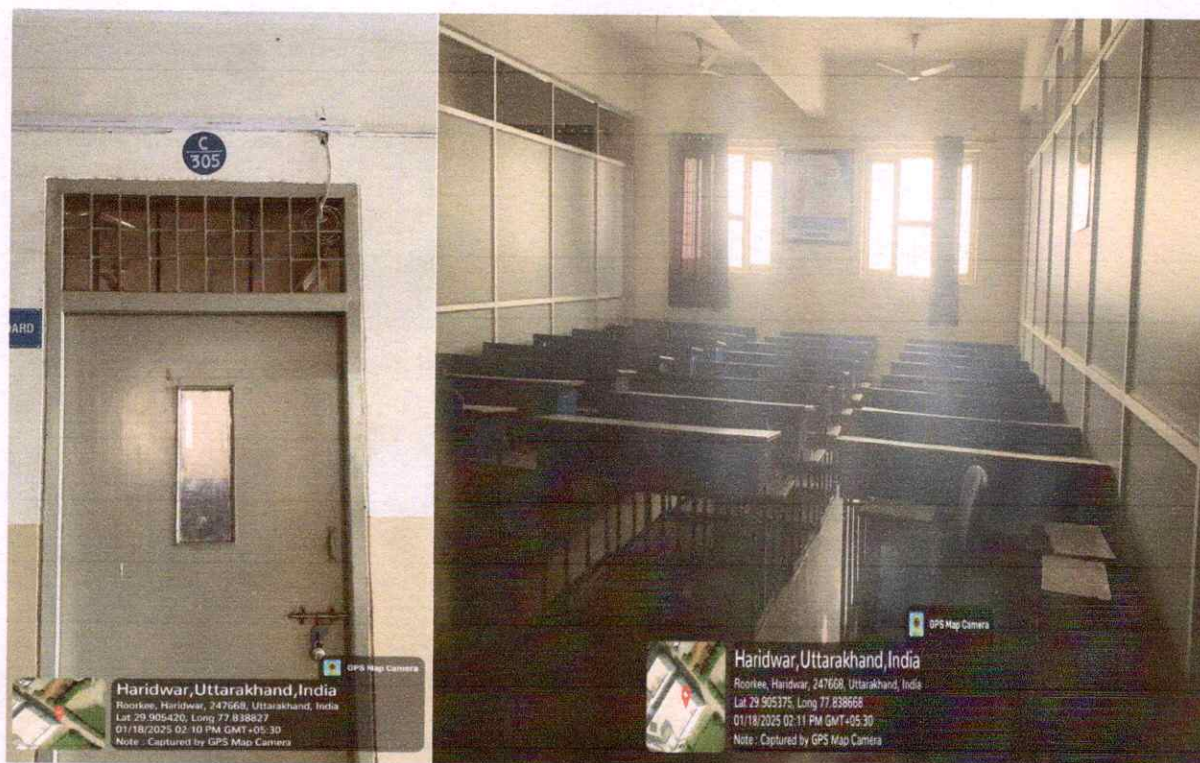


CLASS ROOM C-303 (Wi-Fi, Projector)



CLASS ROOM C-304 (Wi-Fi)





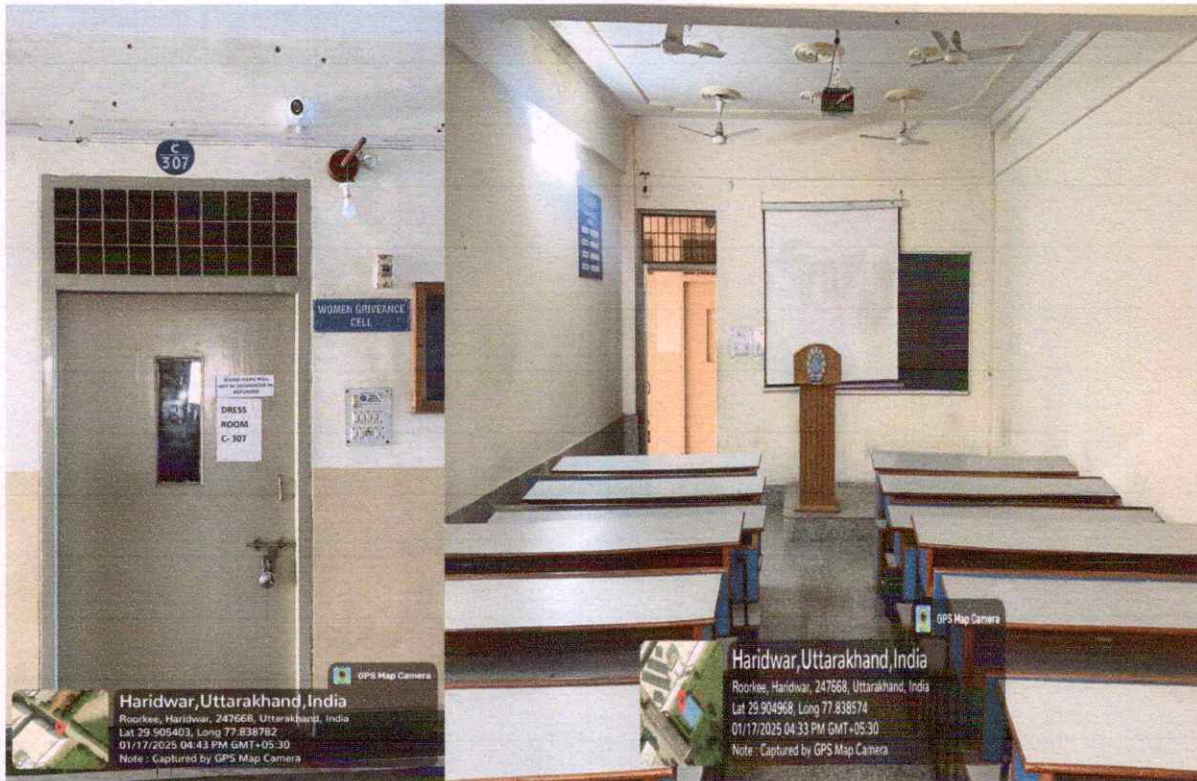
CLASS ROOM C-305 (Wi-Fi, Projector)





CLASS ROOM C-306 (Wi-Fi, Projector)





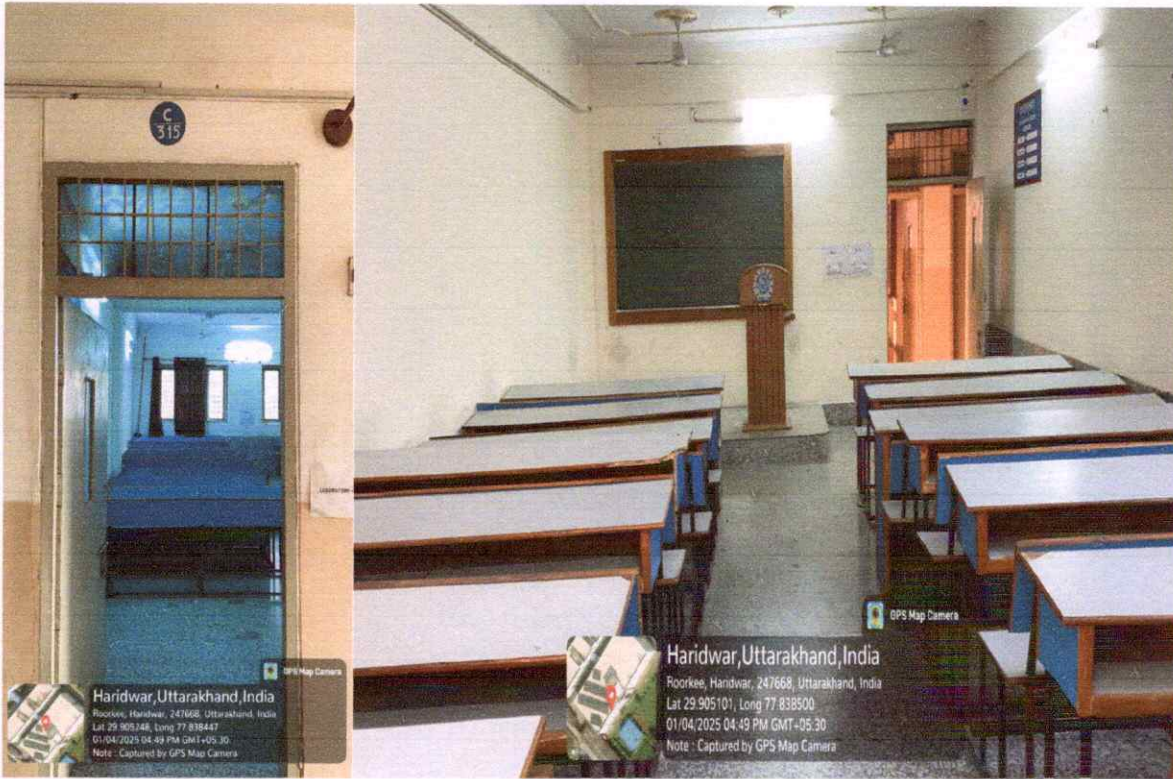
CLASS ROOM C-307 (Wi-Fi,Projector)





CLASS ROOM C-311 (Wi-Fi,Projector)





CLASS ROOM C-315 (Wi-Fi)





CLASS ROOM C-317 (Wi-Fi)





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ACADEMIC FACILITIES

Laboratories



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ADMINISTRATIVE OFFICE



APPLE LAB



Facilities: Wi-Fi, LCD Projector, Split AC, CCTV

System Configuration: Mac OS Version 12.6, 8GB RAM, 1 TB Hard disk, 2.3GHz i-5 Processor.

Software Used: Safari Browser, Notepad, Text editor, Terminal, Grapher, Stocks,

Data Structure & Algorithm Lab, Internet & Programming Lab

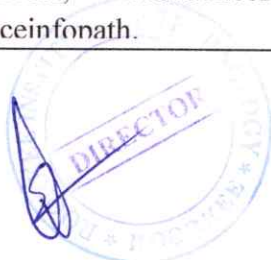
Computer Lab (Room B-105)



Facilities: Wi-Fi, LCD Projector, Split AC, Window AC, Online UPS, CCTV

System Configuration: Windows 10 / Windows 07, 4GB RAM / 2GB RAM, 250 GB/160GB Hard disk, 3.4GHz/2.4GHz Processor.

Software Used: Net beans 8.2, Acrobat Reader, Firefox, Google Chrome, VLC Player, Notepad++, Cisco Packet Tracer 6.2, Scilab-6.0.2, Opera Mini, .Net Framework 3.5, Java, Turbo C/C++, Python, MS.OfficeWord, MS.OfficeExcel, MS.OfficeAccess, MS.OfficePower Point, MS.OfficeOne Note, MS.OfficePicture Manager, MS.OfficeGroove, MS.OfficePublisher, MS.Officeinforpath.



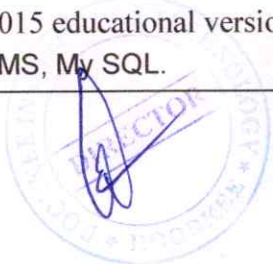
Data Analytics Lab, AI-ML Lab, DBMS Lab
Computer Lab (Room B-106)



Facilities: Wi-Fi, LCD Projector, Split AC, Online UPS, CCTV.

System Configuration: Windows 10 / Windows 07, 4GB RAM / 2GB RAM, 500 GB/250GB Hard disk, 3.4GHz/2.4GHz Processor.

Software Used: AutoCAD 2015 educational version, MS. Office Excel, Python, Azure Machine Learning Studio, Oracle RDBMS, My SQL.



Orell Digital Language Lab

Computer Lab (Room B-206)



Facilities: Wi-Fi, LCD Projector, Split AC, Window AC, Online UPS, CCTV.

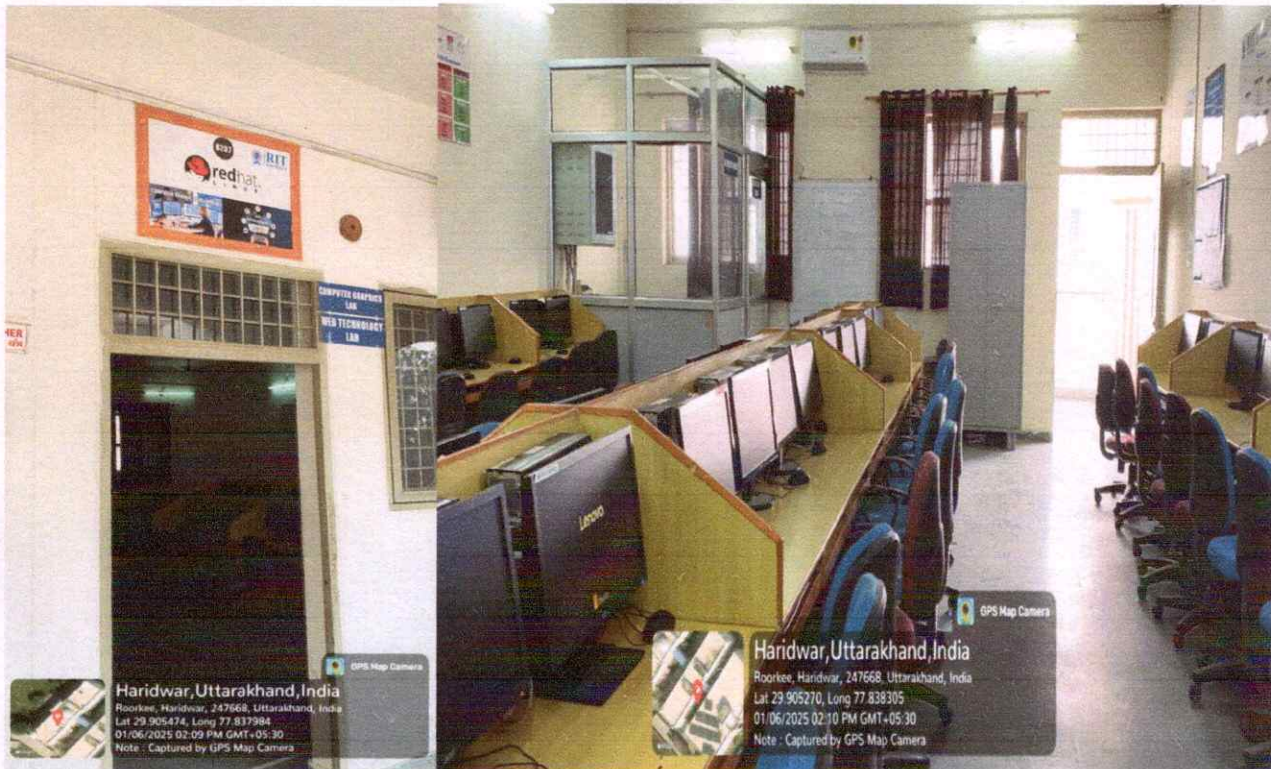
System Configuration: Windows 10_64Bit, 6GB RAM, 500 GB Hard disk, 3.4GHz Processor.

Software Used: Orell Software, Net beans 8.2, Acrobat Reader 9, Firefox, Google Chrome, VLC Player, Notepad++, Cisco Packet Tracer 6.2, Scilab-6.0.2, Opera mini, .Net Framework 3.5, Java, Turbo C, MySQL, MS.Office Word, MS.Office Excel, MS.Office Access, MS.Office Power Point, MS.Office One Note, MS.Office Picture Manager, MS.Office Groove, MS.Office Publisher, MS.Office info path.



Linux Lab, Computer Graphics & web technology Lab

Computer Lab (Room B-207)



Facilities: Wi-Fi, LCD Projector, Split AC, Window AC, Online UPS, CCTV.

System Configuration: Windows 10_64Bit, 8GB RAM, 500 GB/240 GB Hard disk, 3.4GHz Processor.

Software Used: Corel Draw Graphics, WordPress, Net beans 8.2, Notepad++, Cisco Packet Tracer 6.2, Scilab-6.0.2, Net Framework 3.5, Java, MySql., MS.OfficeWord, MS.OfficeExcel, MS.OfficeAccess, MS.OfficePower Point, MS.OfficeOne Note, MS.OfficePicture Manager, MS.OfficeGroove,



Virtual Labs, Operating System Lab , Compiler Design Lab

Computer Lab (Room B-208)



Facilities: Wi-Fi, LCD Projector, Split AC, Online UPS, CCTV.

System Configuration: Windows 10 / Windows 07, 4GB RAM / 2GB RAM, 500 GB/250GB Hard disk, 3.4GHz/2.4GHz Processor.

Software Used: Microsoft Windows, Linux., Net beans 8. Notepad++, Cisco Packet Tracer 6.2, Scilab-6.0.2, Net Framework 3.5, Java, Turbo C, MS.Office Word, MS.Office Excel, MS.Office Access, MS.Office Power Point, MS.Office One Note, MS.Office Picture Manager, MS.Office Groove, MS.Office Publisher, MS.Office InfoPath.



FLUID MECHANICS LAB & TURBO MACHINERY LAB



VENUE: C103

Available Equipments & Facilities: francis turbine, pelton turbine, reciprocating pump test rig, centrifugal pump test rig, hydraulic brake, hydraulic ram, orifice apparatus, bernoulli's apparatus, impact jet apparatus, apparatus for calibration of notch, darcy law apparatus, minor losses in pipe and fitting apparatus, venturimeter and orificemeter, pipe friction apparatus, band apparatus, meta-centric height apparatus.



AUTOMOBILE LAB



Venue: C104

Available Equipments & Facilities: suspension system, transmission system, steering system, four stroke petrol engine, four stroke maruti car engine, four stroke fiat car engine, ambassador car components, lubrication system, gear box, carburetor, maruti car engine, two stroke petrol engine.



REFRIGRATION & AIR CONDITION LAB, HEAT & MAS TRANSFER LAB



Venue: C106

Available Equipments& Facilities: window air conditioning test rig, refrigeration test rig, Stefan's Boltzman apparatus, heat transfer through composite wall apparatus, heat transfer from pin fin apparatus, heat transfer in lagged pipe apparatus, heat transfer in natural convection apparatus, heat transfer through forced convection apparatus (additional), critical heat flux apparatus (additional), thermal conductivity of insulating power apparatus (additional).



THEORY OF MACHINE LAB



VENUE: C110

Available Equipments & Facilities: epicycle gear train, universal governor, cam and follower apparatus, static and dynamic balancing, critical / whirling speed of shaft apparatus, **gears:** simple gear train, spiral gear, bevel gear, herringbone gear, single stage spur gear with intermediate gear, two stage spur gear, worm gear, rack & pinion, **links/mechanisms/models,** kinematic pairs (fitted on board), plummer block bearing, cross head, model of nut threads, ellipse tracer, whitworth quick return mechanism, hook's coupling, key set.



COMPUTER INTEGRATED MANUFACTURING LAB



VENUE: C111

Available Equipments & Facilities: robotic arm with panel, conveyor belt system



BASIC MECHANICAL ENGINEERING LAB, THERMODYNAMIC LAB

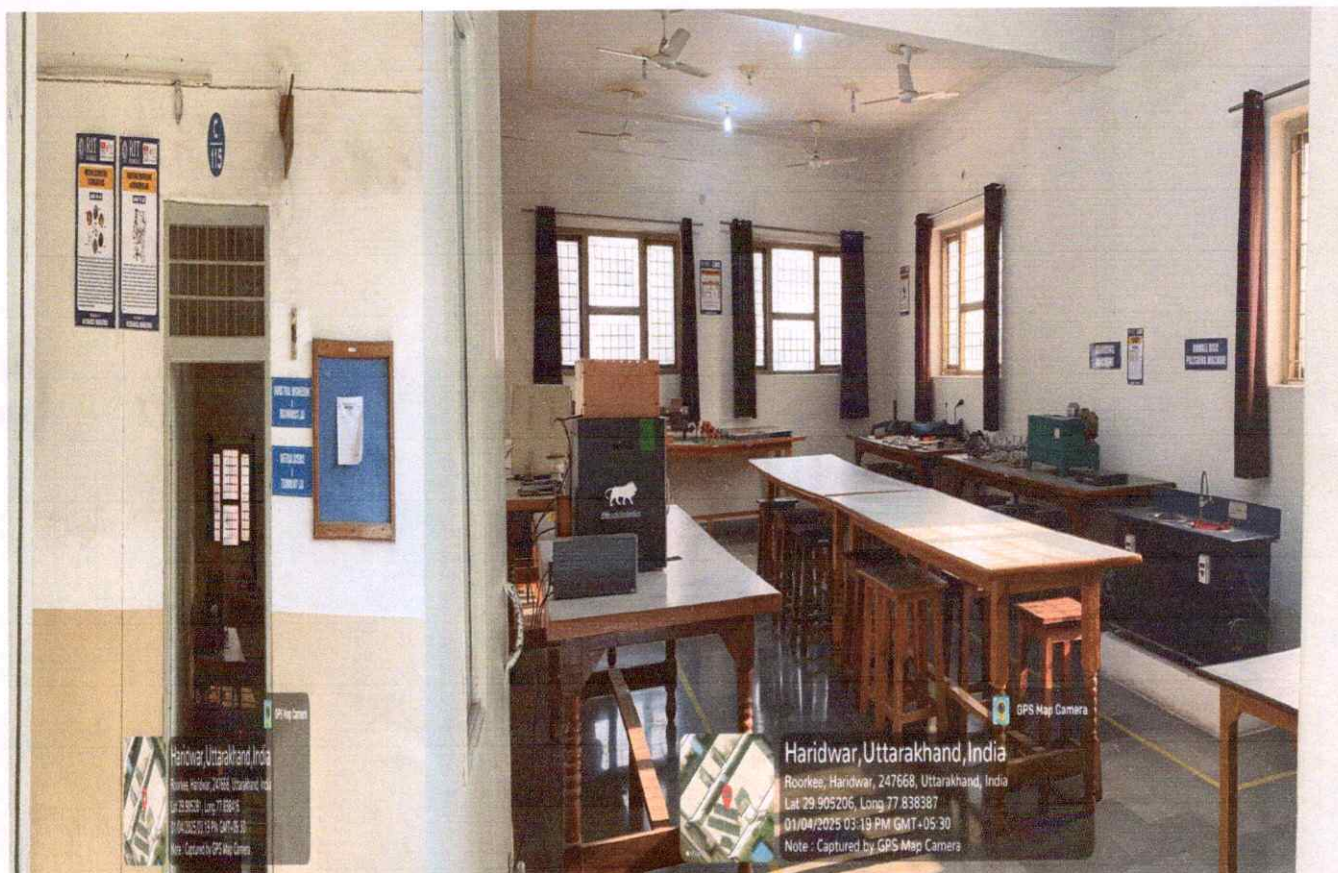


VENUE: C 113

Available Equipments & Facilities: four stroke diesel engine model, four stroke petrol engine model, two stroke diesel engine model, two stroke petrol engine model, window air conditioning model, refrigerator model, vernier caliper, micrometer, bevel protractor, combination set, dial gauge, bell crank lever apparatus (additional), combined inclined plane and friction slide apparatus (additional), locomotive boiler, lancashire boiler, babcock & wilcox boiler, impulse turbine model, air or steam pressure turbine model, compound steam engine model, deflection of beam apparatus.



INDUSTRIAL ENGINEERING & ERGONOMIC LAB / METARIAL SCIENCE & TECHNOLOGY LAB



VENUE: C115

Available Equipments& Facilities: mounting press ,muffle furnace, microscope, grinding machine, double disc polishing machine



MACHINE DRAWING LAB WITH AUTOCAD, ENGINEERING GRAPHICS LAB



VENUE: C-314

Available Facilities: drawing boards with stand, Black Board



PHYSICS LAB



VENUE: ROOM B-101

Available Equipments & Facilities: Variation of magnetic field Apparatus, Stefans'S law Apparatus , E/M Thomson method Apparatus , Energy Band Gap reverse bias Apparatus , Energy Band Gap Four Probe method Apparatus , P-N Junction Apparatus , KVL & KCL Apparatus, Sonometer Apparatus , Melde's Apparatus, Sextant Apparatus, Spring Constant Apparatus, Bar pendulum Apparatus, Newton's ring Apparatus , Half Shade Polarimeter Apparatus, Frank's Hertz Apparatus , Plank's Constant Apparatus , Plane diffraction grating Apparatus , Nodal slide Apparatus, Kater's Pendulum Apparatus , Fly Wheel Apparatus .



CHEMISTRY LAB



VENUE: ROOM B-102

Available Equipments & Facilities: Analytical Balance, Muffle Furnance, Hot Air Oven, Digital turbidity Meter, Digital D.O Meter, Pensky Marten Apparatus, Digital Weighing Balance, Conductivity Meter Apparatus, pH Meter Apparatus, Spectrometer Apparatus, Magnetic Stirrer, Temp Star, Water Bath, Water Distillation.



GEOLOGY LAB & DESIGN OF RC ELEMENTS LAB

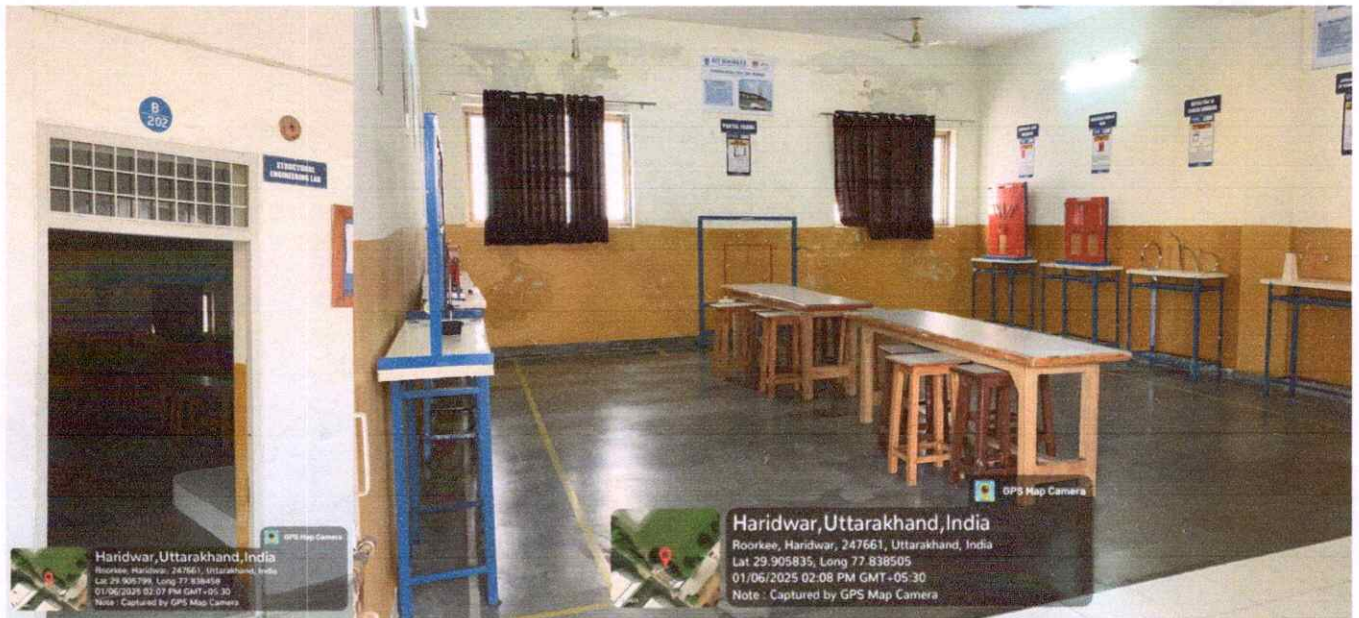


VENUE: B-21

Available Equipments& Facilities: Brunton Compass , Clinometer Compass, Geological map of India, Geological Hammer, Mineral samples of different type, Rocks samples of different type , Mohr's Scale, Streak Plates, Mirror Stereoscope , Satellite and Pocket Stereoscope.



STRUCTURAL LAB



VENUE: B-22

Available Equipments & Facilities: Clerk's Maxwell Apparatus, Behavior of Column and Strut Apparatus, Curved Member Apparatus, Deflection of Truss Apparatus, Elastically Coupled Beam Apparatus, Elastic Properties Deflection Beam Apparatus, Portal frame Apparatus, Redundant Joint Apparatus, Deflection of Truss Apparatus, Three hinged arch model, Two hinged arch model



SURVEYING LAB



VENUE: B-203

Available Equipments & Facilities: Surveyor Compass Gun Metal, Auto level Model – AK-20, Auto level Model –AK-24, Auto level Model –AK-28, Dumpy level , Digital Theodolite, GPS, Plane Table , Prismatic compass, Total station TKS-202, Transit Vernier Theodolite , Surveyor Compass Gun Metal.



CONCRETE TECHNOLOGY LAB & TRANSPORTATION ENGINEERING LAB



VENUE: B-205

Available Equipments & Facilities: Vicat apparatus, Blain's Air permeability apparatus, Le – Chatelier Apparatus, Temperature controlled water bath, Tensile strength tester of cement, Compaction factor apparatus, Aggregate Impact Testing machine, Ductility Test Apparatus, Flash and Fire Point Apparatus, Marshal Stability Test Apparatus, Ring and Ball Apparatus, Tar Viscometer Apparatus., CCTV CAMERA, PROJECTOR.



GEOTECHNICAL ENGINEERING LAB



VENUE: B-308

Available Equipments & Facilities: Sieve Shaker with sieves, Shaking Table, Direct Shear Apparatus, Core Cutter Apparatus, Permeability Test Apparatus, Compaction Test Apparatus, Liquid Limit Apparatus, Plastic Limit Apparatus, Soil hydrometer, Standard Compaction Test Apparatus, Shrinkage Limit Set



ELECTRONIC MEASUREMENT & INSTRUMENTATION (EMI LAB)

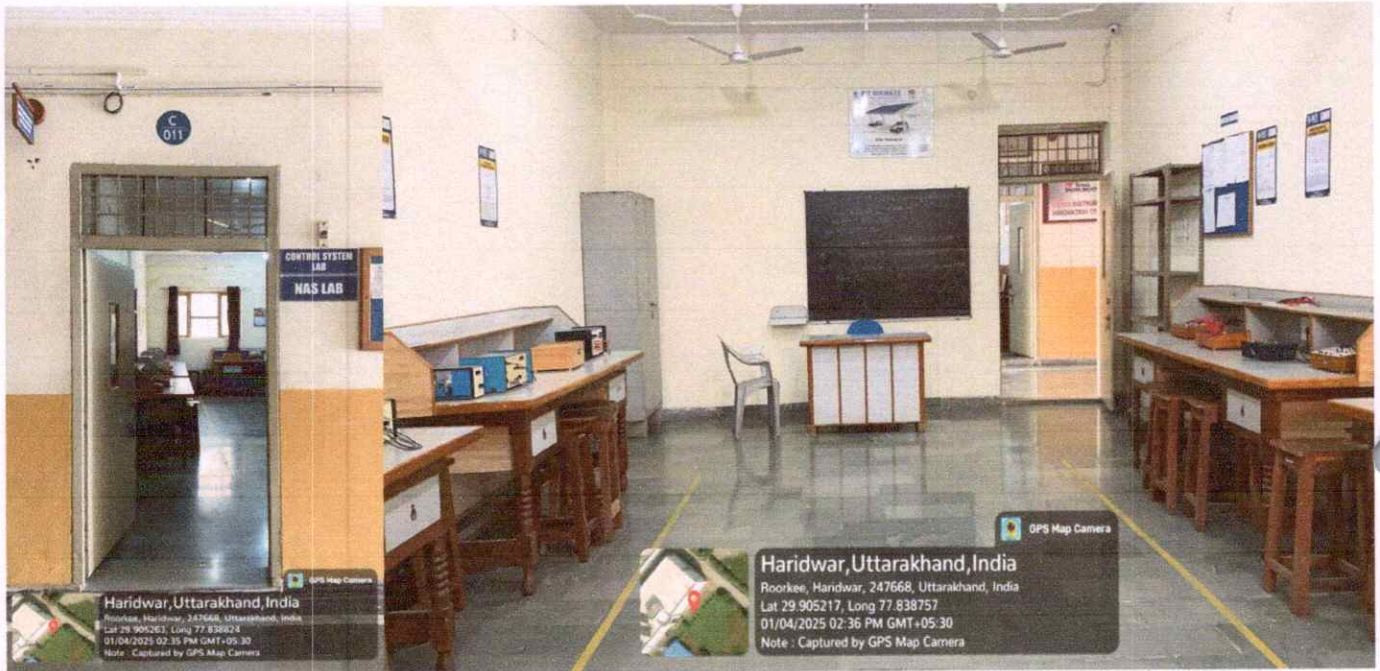


VENUE: C010

Available Equipments & Facilities: DSO CRO, Kelvin's bridge, Potentiometer, Maxwell's bridge, Hay's bridge, Owen's bridge, Schering's bridge, Wheatstone bridge, Study of Semiconductor Diode Voltmeter, Distortion meter, Transducer k type, Radio Receiver A TO D converter, D TO A Converter, Temperature Demonstration set up j-type, Galvanometer.



CONTROL SYSTEM & NAS LAB

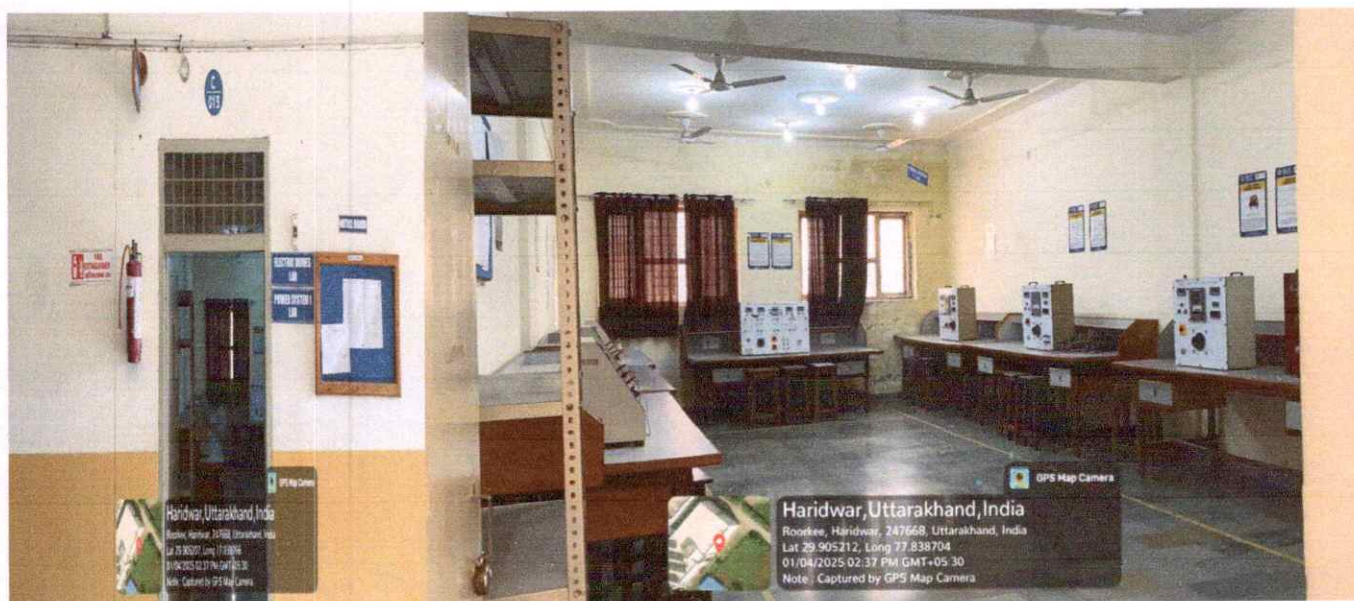


VENUE: C011

Available Equipments & Facilities: PID Temp control system with oven, RTD demonstration set up M-10B, DC Position control system, PID control trainer, Synchro-transmitter and receiver, AC Servomotor trainer, Servo voltage stabilizer, Compensating error detector, Magnetic amplifier unit, BH loop, Synchro transmitter/receiver pair, CRO, Liner system, PID control Trainer (NEW), Compensating Design (NEW), Verification of Superposition theorem (AC) N-10 AC, Verification of Superposition theorem (DC), Verification of Maximum power theorem N-10 AC, Verification of Tellegen's Theorem TG-10, Transient Response of RLC Circuit, CASCADE 2 Port Network TPN-10, Study of low/High pass Active Filters, Audio Frequency oscillator, Tutor for pressure measurement, Current meter, LCR Meter, Distortion meter, Network theorem N-10, Study of instrumentation Amplifier 1A-12, CRO Trainer.



ELECTRIC DRIVE & POWER SYSTEM LAB



VENUE: C013

Available Equipments & Facilities: Fault current of L-G, L-L, L-L-G, And L-L-L Faults, Panel for IDMT over current Relay, Panel for Percentage Differential Relay, Panel for over current Relay, Panel for Long Transmission Line, 3 Phase induction motor speed control TPAC-401, 3 Phase AC Regulator FEDIM, CSI 3 Phase IM Drive, VSI 3 Phase IM Drive, Digital Techometer, Thyristor Fdiring angle .



POWER ELECTRONICS LAB

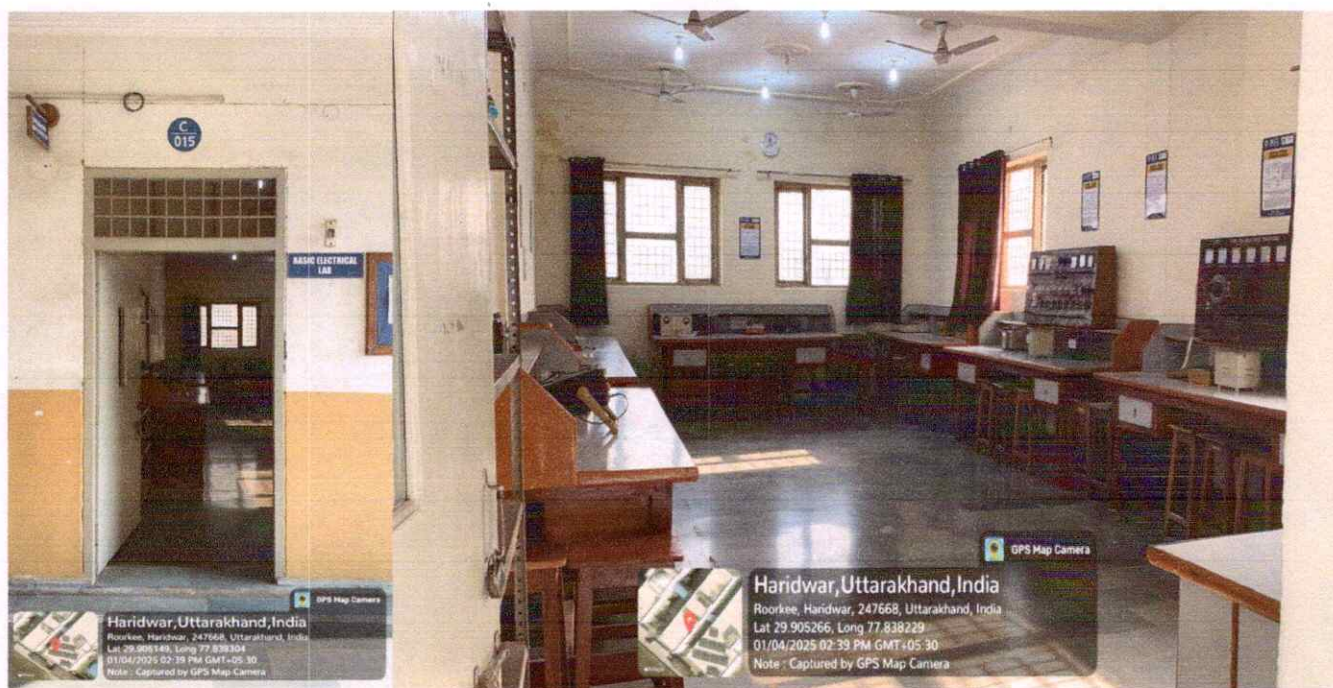


VENUE: C014

Available Equipments & Facilities: SCR Characteristics, 1 Phase half wave controlled rectifier, Study of single phase AC Voltage Regulator, Single phase Cycloconverter Trainer, Study Triggering of i) IGBT ii) MOSFET iii) POWER TRANSISTOR, Study operation of MOSFET Chopper circuit, Series Resonant inverter, 1 Phase Bridge Inverter Trainer, Speed control of Motor using TRIAC, Triggering Techniques of SCR.



BASIC ELECTRICAL LAB



VENUE: C015

Available Equipments & Facilities: Study of diode characteristics phenomenon of resonance in RLC Circuit, Energy meter, Superposition theorem, Norton's theorem, Thevenin theorem, Rheostat, CRO, Wattmeter, Automatic voltage stabilizer, Auto transformer Single phase, PA System, Demonstration kit for voltage ratio, Demonstration kit for open circuit, Single phase energy meter (Analog), Auto Transformer, Network theorem, superposition theorem, RLC Circuit.



EMEC I LAB & EMEC II LAB



VENUE: C016

Available Equipments & Facilities: Panel for magnetization characteristics of a DC shunt generator, Panel for swinbern's test, Panel for sumpners test, DC power supply, Auto transformer 3 phase 5KVA, Parallel operation of DC shunt generator, Lamp load 1 phase, 3 phase auto transformer, 3 phase variable inductive load, Rheostat, Panel for load test/speed control of DC shunt motor, Panel for no load and block Rotor Test of three phase induction motor, Panel for Load Test of three phase induction motor, Panel for No Load and Block Rotor Test of single phase induction motor, Speed Control of 3 phase IM by V/F Method, Panel for OC & SC Test on 3 Phase by IMPD Method, Panel for V Curve of SM, Panel for X_d & X_q of a 3 phase ALT, Panel for Synchronization of AN ALT, Panel for measurement of 3 PH power by two watt meter method, Digital tachometer.



BASIC ELECTRONICS & EDC LAB



VENUE: ROOM C-201

Available Equipments & Facilities: CRO, FUNCTION GENERATOR, P-N JUNCTION DIODE KIT, HALF & FULL WAVE RECTIFIER, ZENER DIODE, BJT KIT, CLIPPING CLAMPING, OP AMP, JFET



DIGITAL COMMUNICATION & ANALOG COMMUNICATION LAB



VENUE: ROOM C-203

Available Equipments & Facilities:

digital communication : sampling & reconstruction kit receiver & transmitter, tdm pulse code modulation kit transmitter & receiver, adaptive delta modulation kit, delta modulation and demodulation kit, ask modulation kit, fsk modulation kit, psk modulation kit, study line coding kit,

analog communication lab: amplitude modulation kit, frequency modulation kit, balanced modulator, pre emphasis de-emphasis kit, ssb study kit, am, fm spectrum analyzer kit, phase locked loop kit, sampling theorem, pam/pwm kit.



DIGITAL ELECTRONICS & MICROPROCESSOR LAB

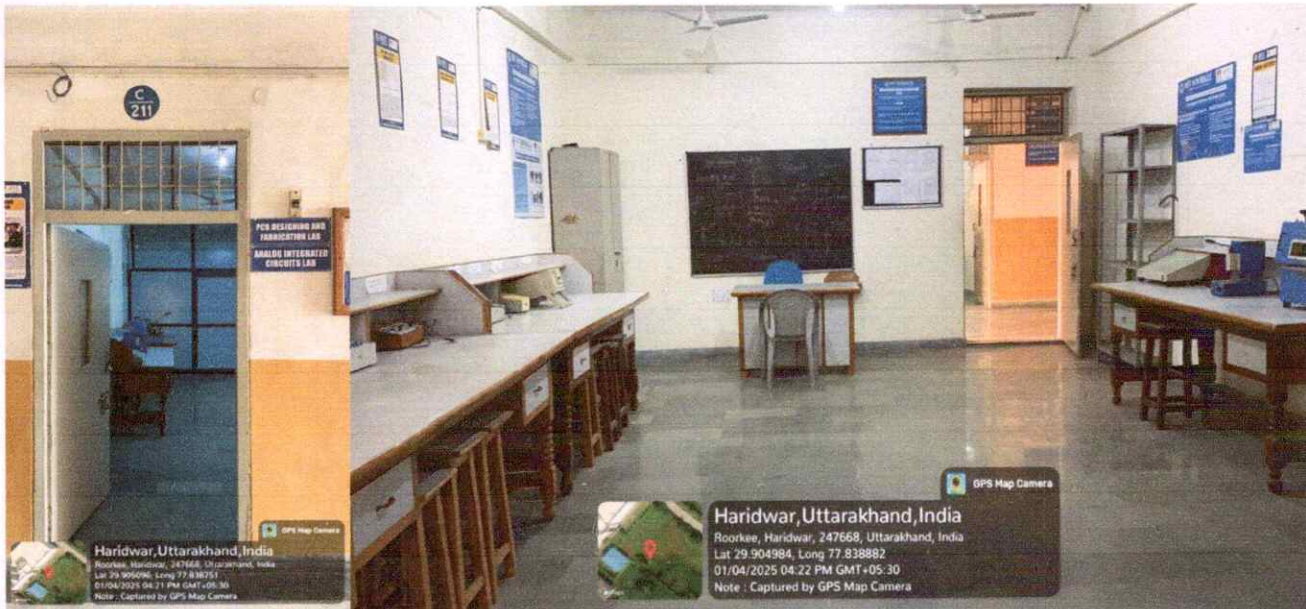


VENUE: ROOM C-205

Available Equipments & Facilities: MICROPROCESSOR 8085 KIT, MICROPROCESSOR 8085 KIT, TRAFFIC LIGHT CONTROLLER, DAC INTERFACING CORD, ADC INTERFACING CORD, STAPPER MOTOR IN TERFACING, STUDY CORD 8255, STUDY CORD 8253.



PCB & AIC LAB

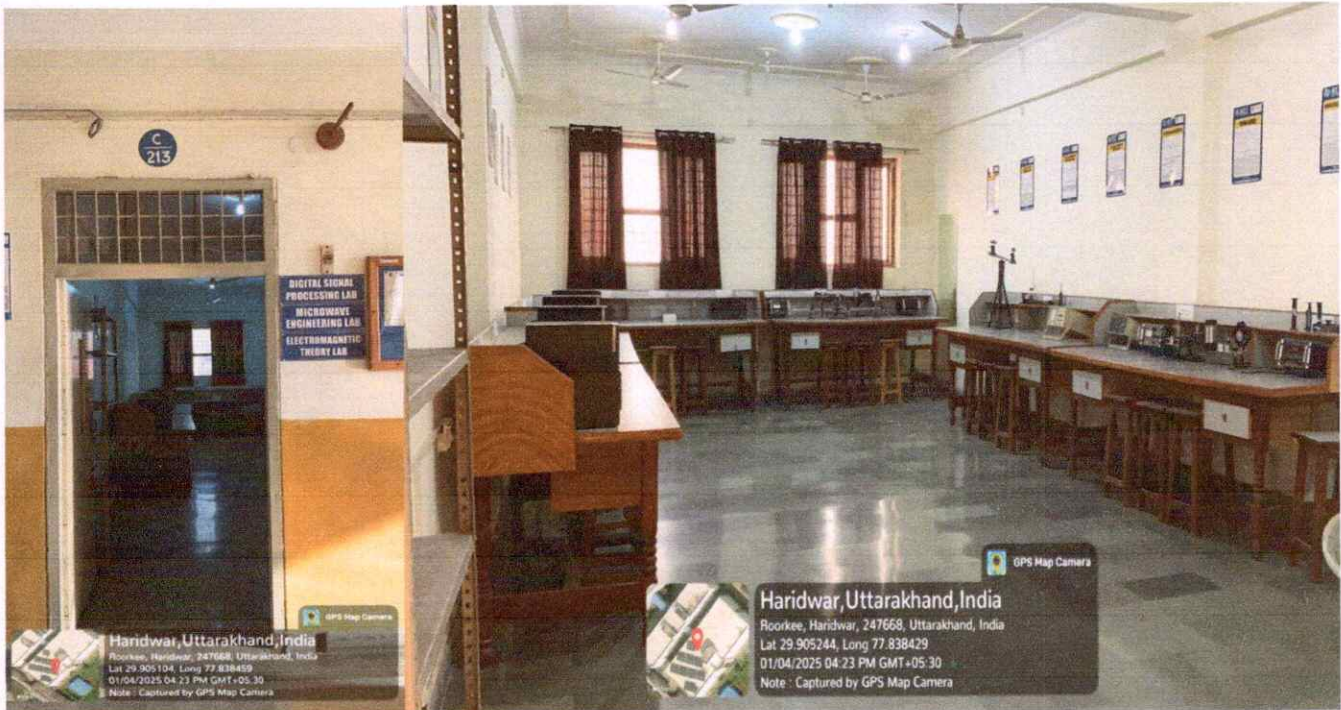


VENUE: ROOM C-211

Available Equipments & Facilities: PCB CUTTING MACHINE, ART WORK TABLE, PCB DRILL MACHINE, ROLLER TINNING MACHINE, PCB X RAY MACHINE, SAFE LAMP, FILM MAKER, OVEN, DIPCOAT MACHINE, TRANSFORMER WINDING MACHINE, ETCHING MACHINE

DIRECTOR
Roorkee, Haridwar, 247668, Uttarakhand, India

MICROWAVE ENGINEERING LAB & DIGITALSIGNAL PROCESSING LAB



VENUE: C-213

Available Equipments & Facilities: DSP ST- 713, DC REGULATED POWER SUPPLY, COMPLETE MICROWAVE KIT, CRO, CKT DESIGN SIMULATOR KIT, DIGITAL VSWR METER, MAGIC TEE MODEL, WAVE GUIDE TWIST MODEL.



TEXAS INSTRUMENTATION LAB

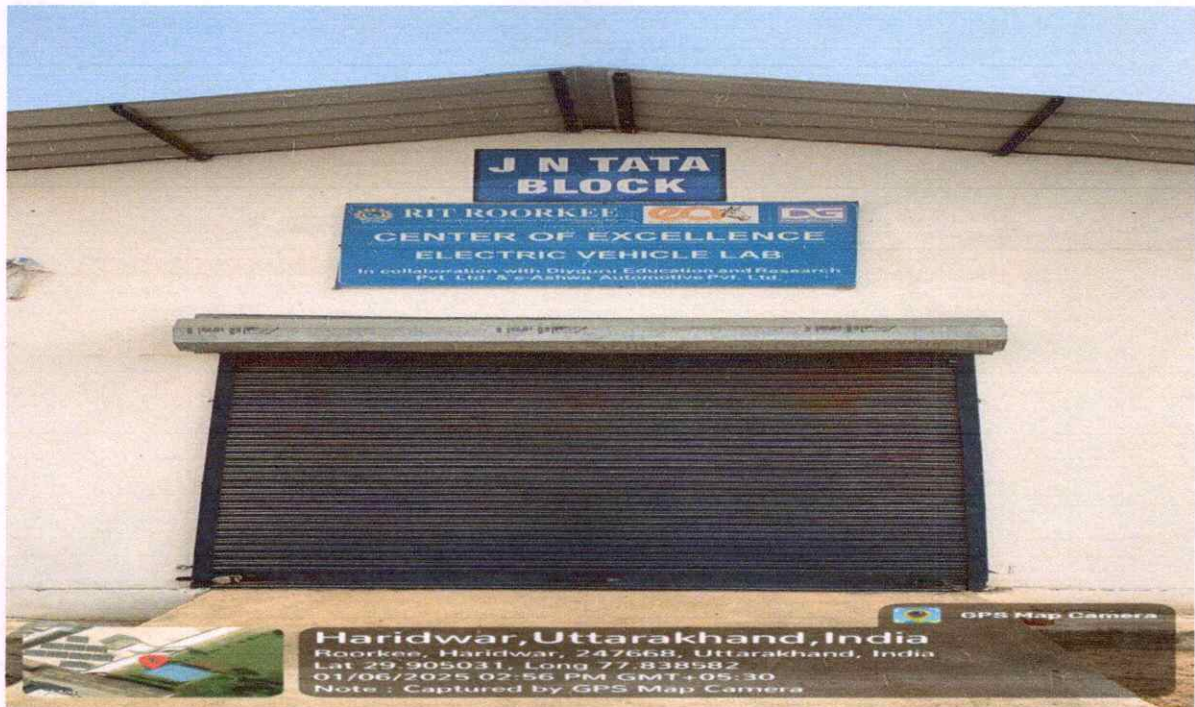


VENUE: C012

Facilities: Wi-Fi, LCD Projector, AC, CCTV.



ELECTRICAL VEHICAL LAB



VENUE: E-ASHWA LAB

SOLAR LAB



VENUE: MANSION FLOOR(FIRST FLOOR)



LECTURE RECORDING ROOM



VENUE: C BLOCK BASEMENT

Facilities: Wi-Fi, Camera, Light, Computer system, Touch Pad, UPS, Mic, LED display.





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ACADEMIC FACILITIES

Central library



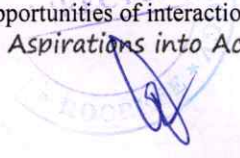
Vision

To be an Institute of Academic Excellence committed to provide Technical and Management Education.

Mission

- To provide excellence in education and skills development by encouraging the students to be lifelong learners.
- To facilitate the environment of growth and excellence for its students in their respective areas of interest.
- To create a community of dynamic workers and learners that values personal development and mutual well being.
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CENTRAL LIBRARY



BOOK ISSUE /RETURN COUNTER



Facilities: Wi-Fi, LAN, CCTV, Computer Systems, Printer, Scanner, Almirah Racks, Key Lockers etc.

[Handwritten signature and stamp]
DIRECTOR
RIT ROORKEE

YOU ARE UNDER
CCTV SURVEILLANCE

OPAC
(ONLINE PUBLIC ACCESS CATALOGUE)

Wi-Fi ACCESS
AVAILABLE IN THIS LIBRARY

CHECK POINT

Haridwar, Uttarakhand, India
Roorkee, Haridwar, 247668, Uttarakhand, India
Lat 29.905372; Long 77.838926
01/04/2025 10:14 AM GMT+05:30
Note : Captured by GPS Map Camera

PHOTOCOPY AND PRINTING FACILITY

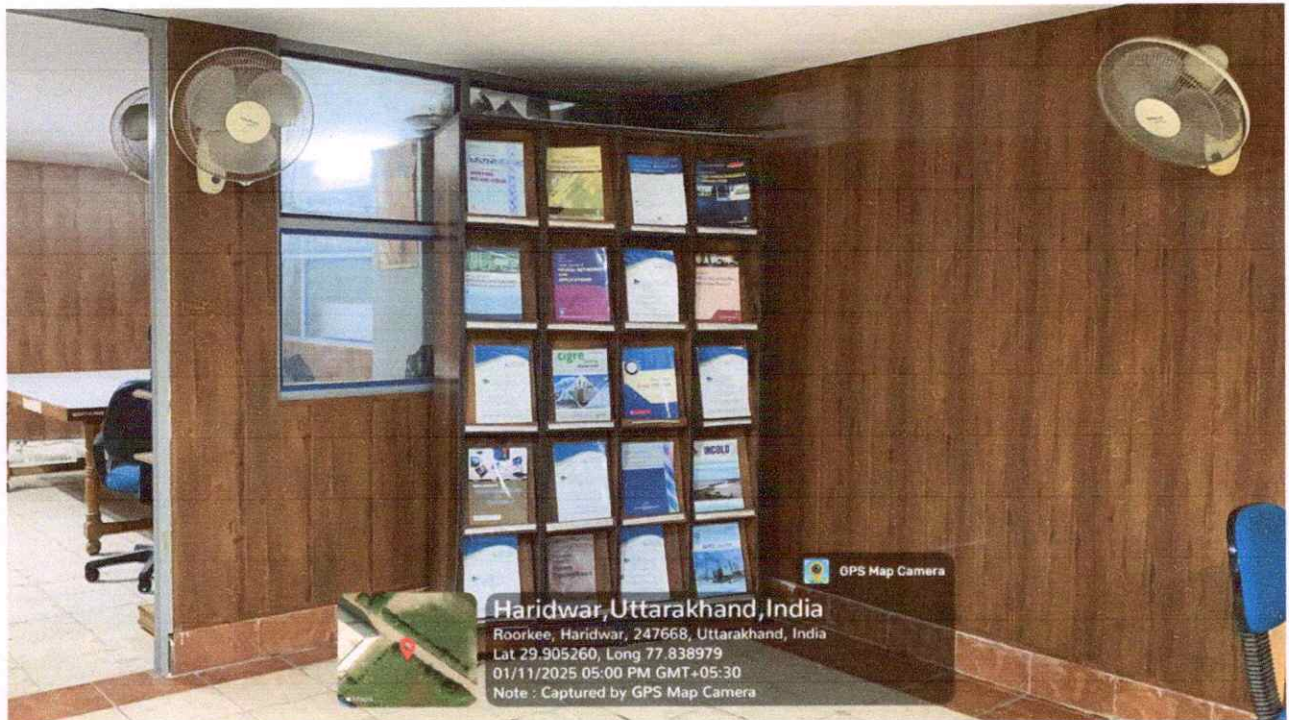
SUGGESTION BOX

GPS Map Camera

Haridwar, Uttarakhand, India
 Roorkee, Haridwar, 247668, Uttarakhand, India
 Lat 29.905353, Long 77.838915
 01/04/2025 10:32 AM GMT+05:30
 Note : Captured by GPS Map Camera



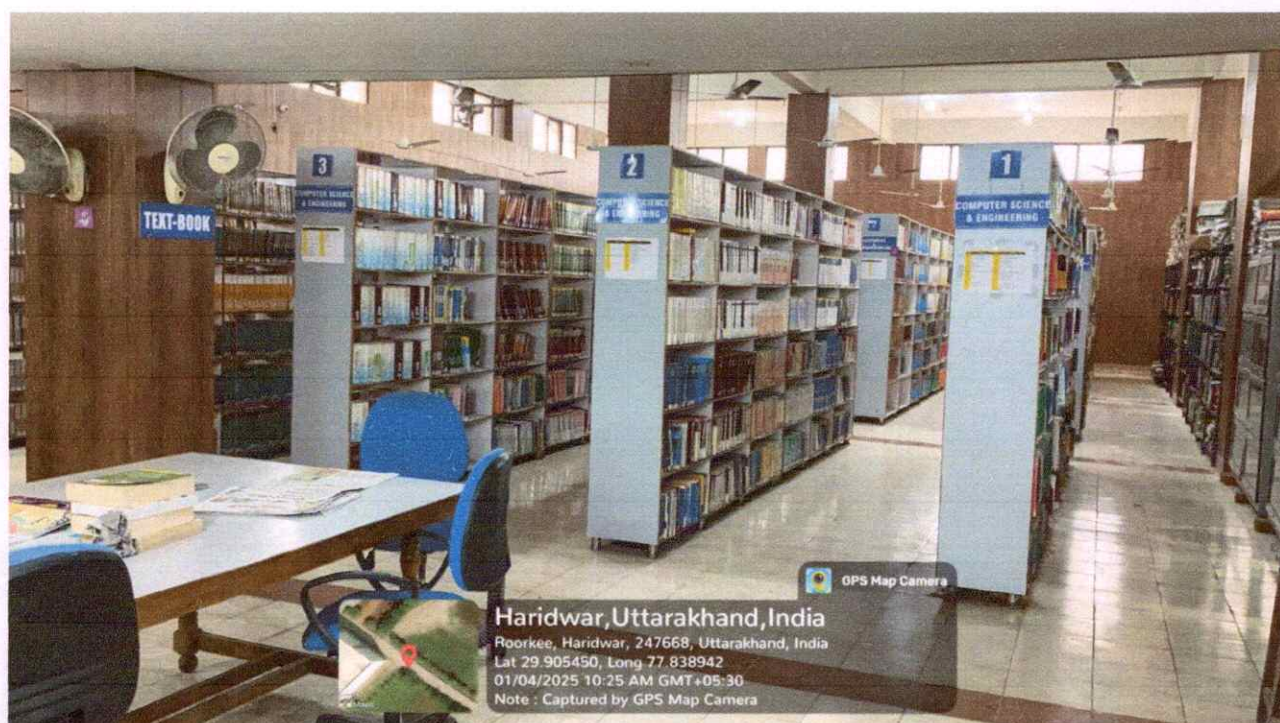
EVENING LIBRARY



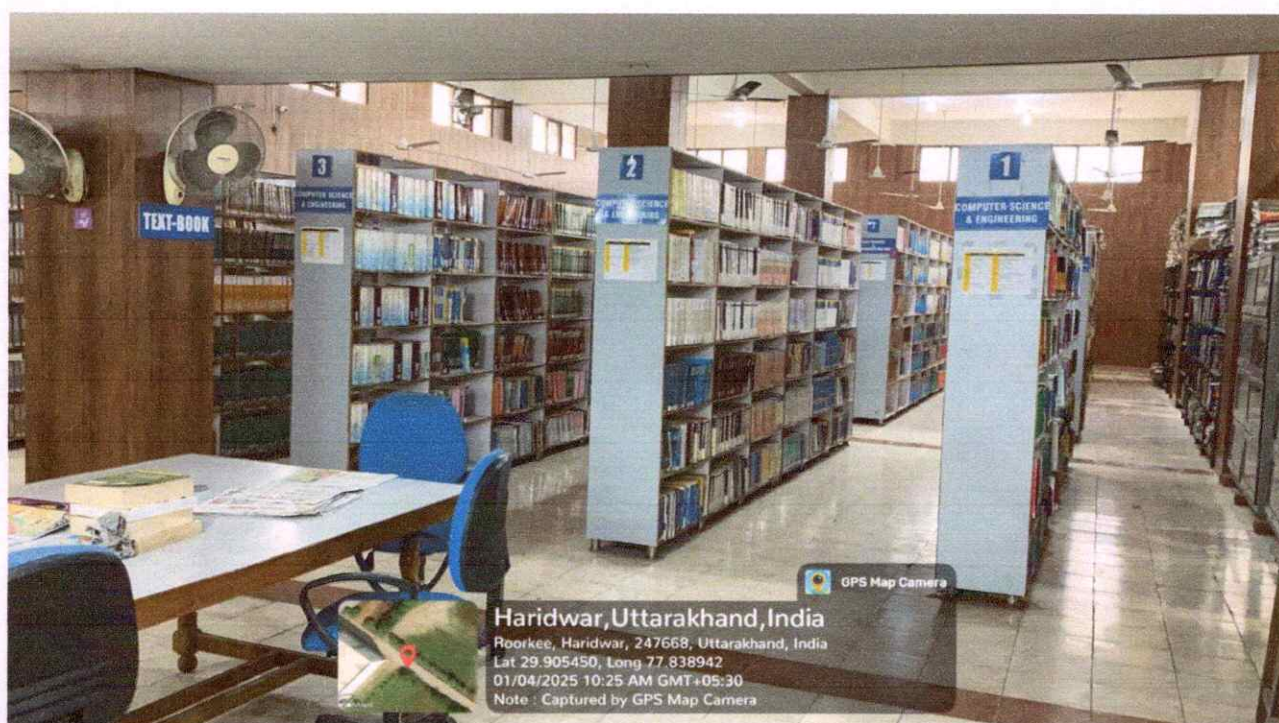
LAPTOP CHARGING AREA



TEXT BOOKS



REFERENCE SECTION





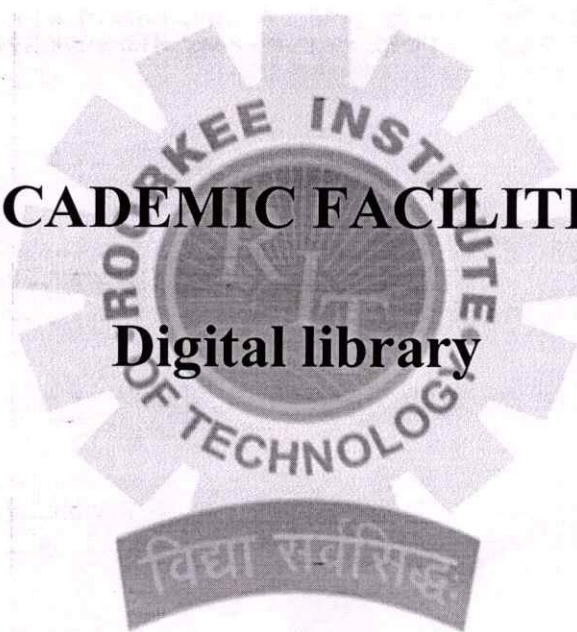
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ACADEMIC FACILITIES

Digital library



Vision

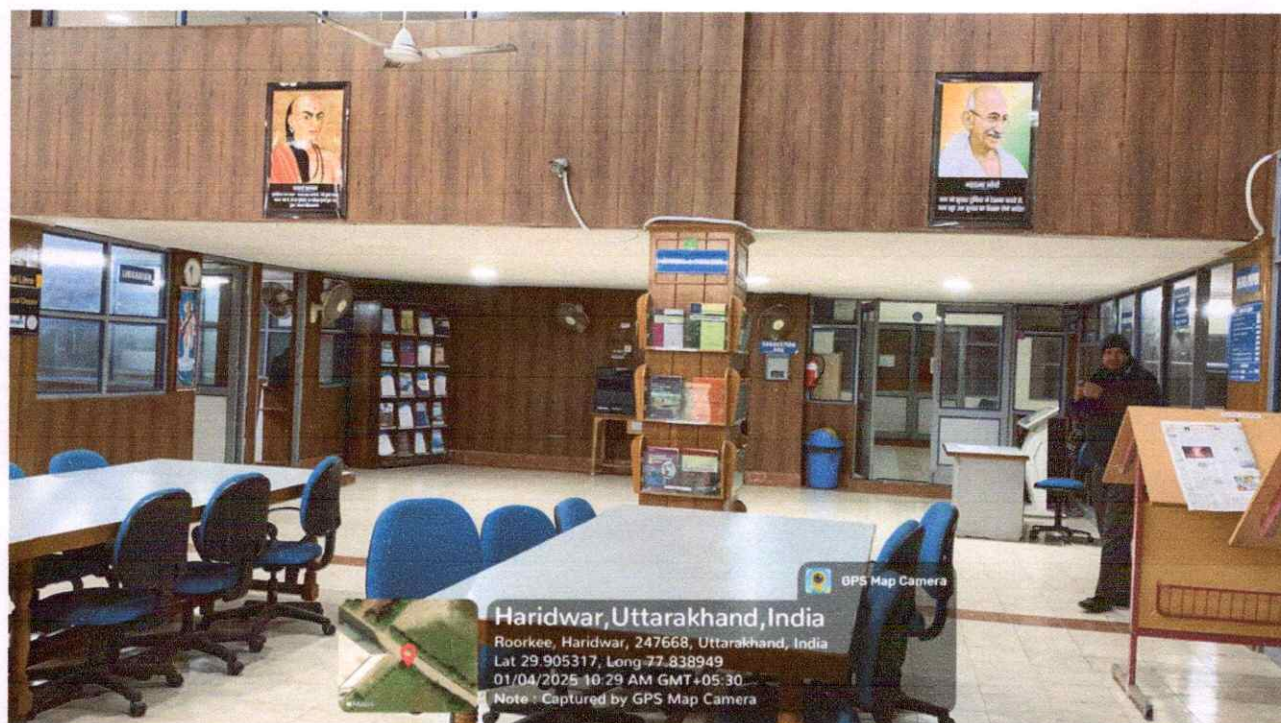
To be an Institute of Academic Excellence committed to provide Technical and Management Education.

Mission

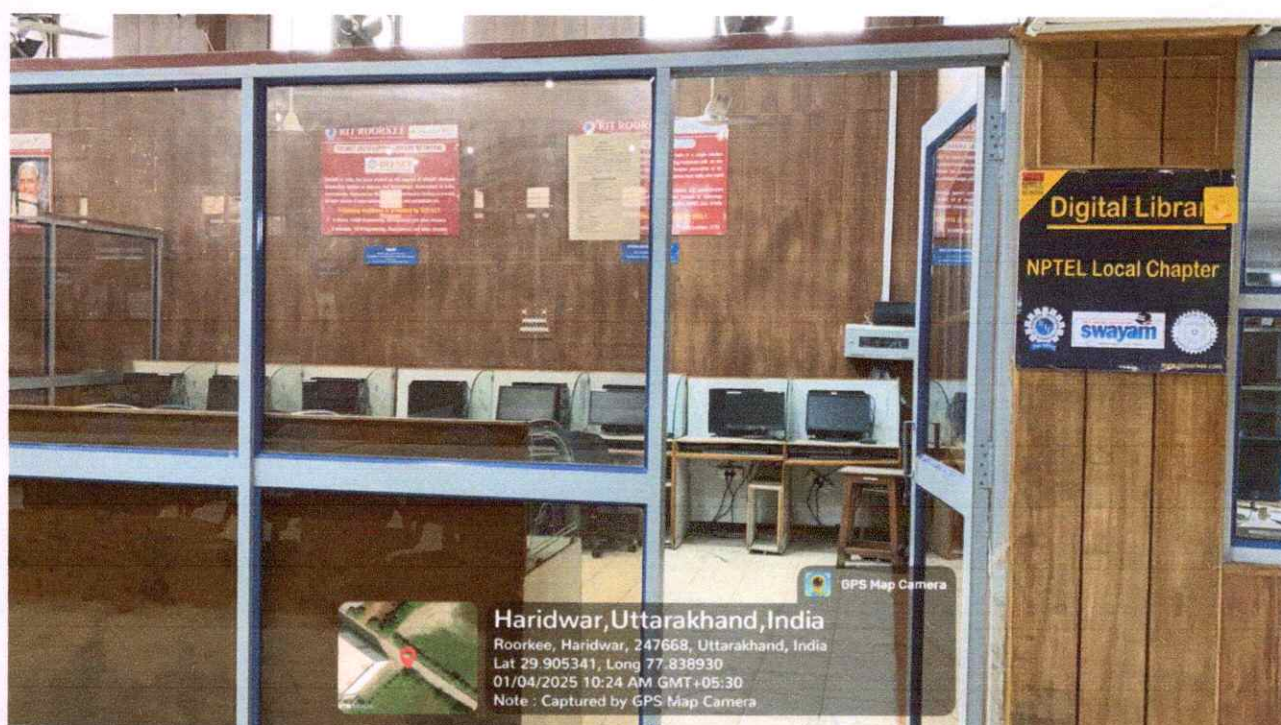
- To provide excellence in education and skills development by encouraging the students to be lifelong learners.
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"Transforming Aspirations into Achievements"

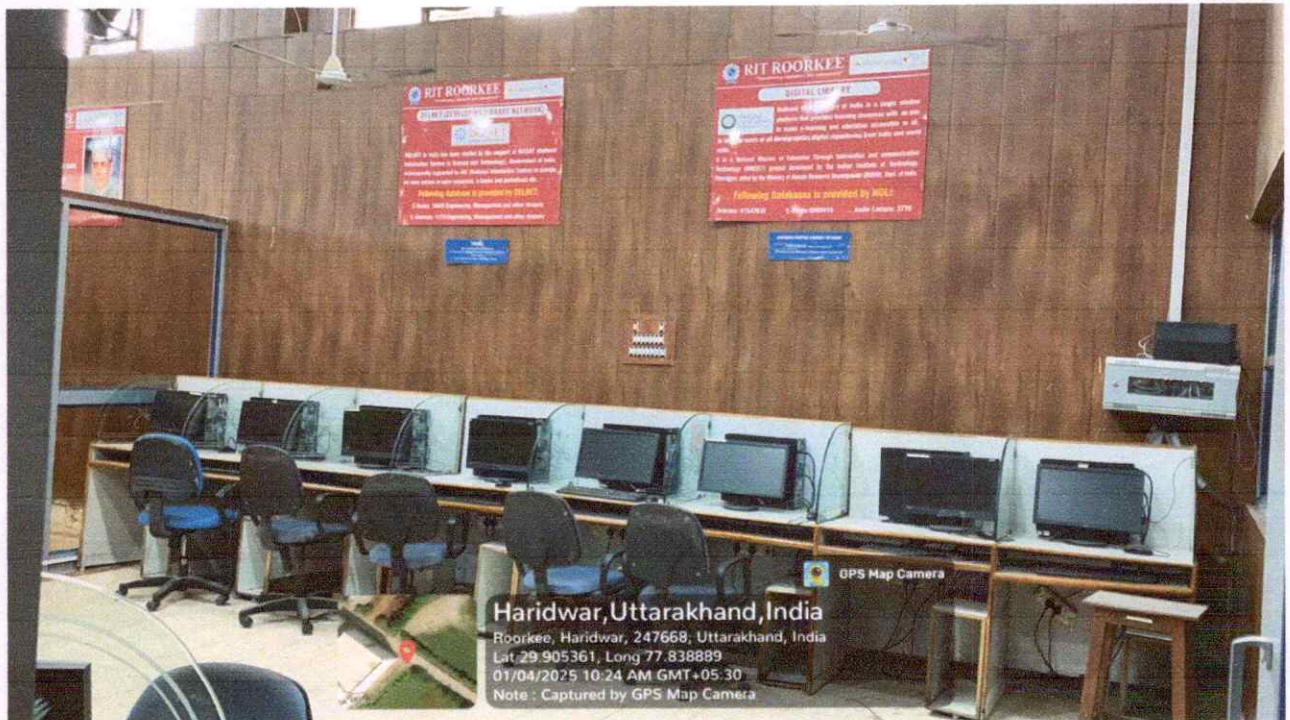
CENTRAL LIBRARY HALL



DIGITAL LIBRARY



DIGITAL LIBRARY SYSTEMS



LIBRARIAN OFFICE





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ACADEMIC FACILITIES

Auditorium And Seminar Hall



Vision

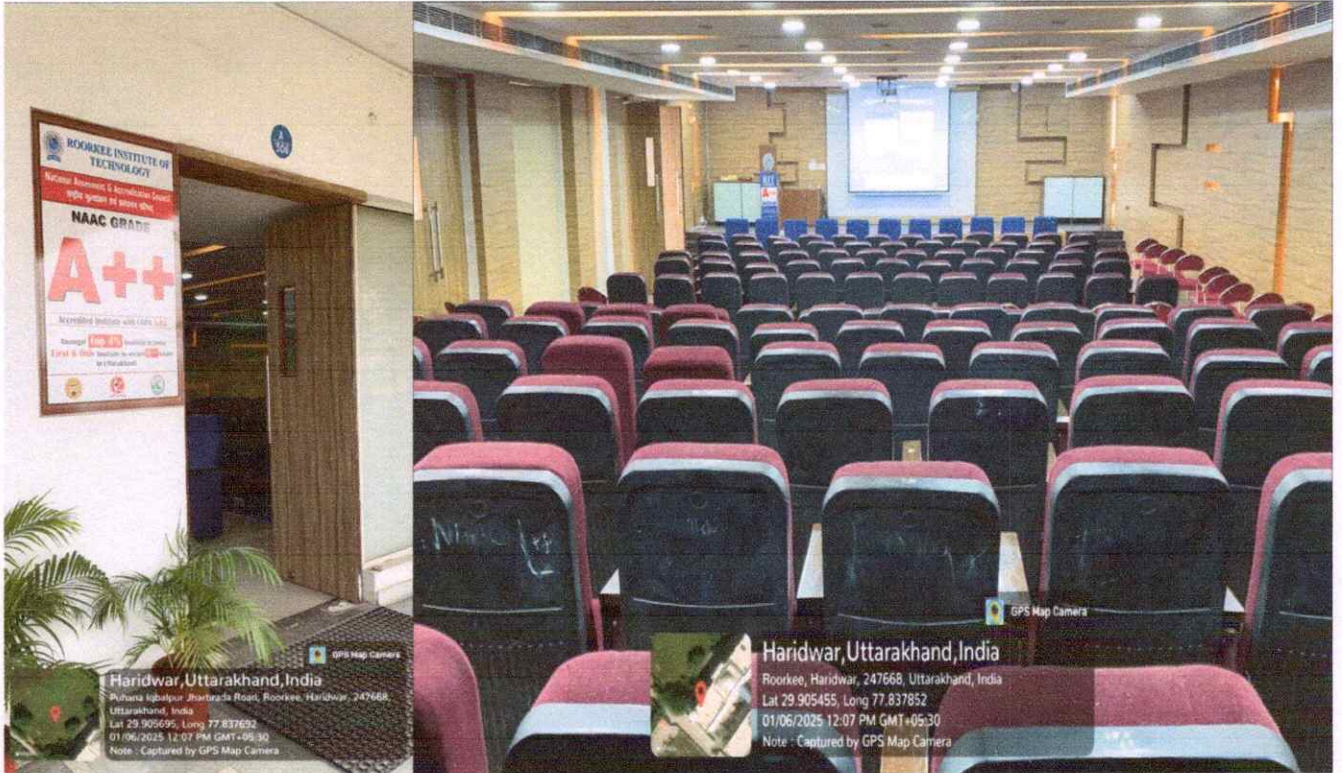
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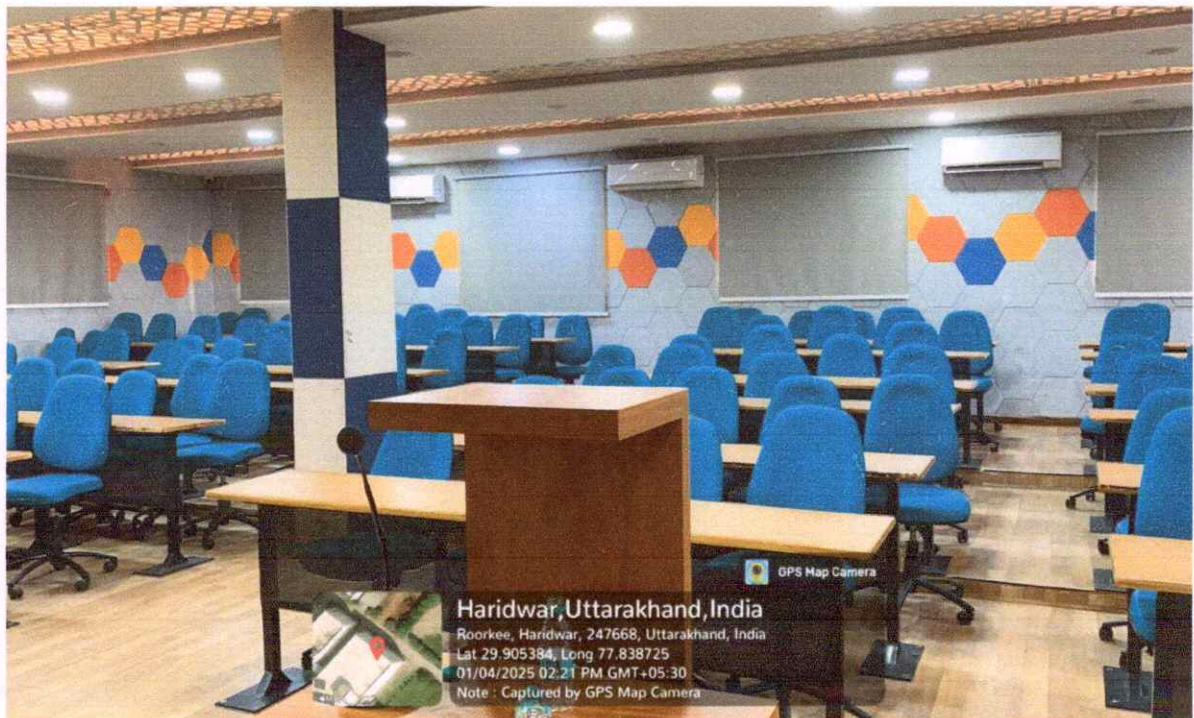
"Transforming Aspirations into Achievements"

AUDITORIUM



Facilities: Wi-Fi, LAN, LCD Projector, Split AC, CCTV, PA SYSTEM.

SEMINAR HALL (ROOM C-03)



Facilities: Wi-Fi, LAN, LCD Smart Projector, Split AC, CCTV, PA SYSTEM.





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ACADEMIC FACILITIES

Workshop



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WORKSHOP



VENUE: WORKSHOP

Available Equipments & Facilities: universal testing machine, izod/charpy impact testing machine, hardness testing machine, deflection of beam apparatus (kept in bme lab), open hearth furnace, power hacksaw machine, shearing machine, surface plate, anvil, swage block, moulding box, wire drawing machine (additional), rolling machine (additional), press machine (additional), crucible, plastic injection moulding machine, lathe machine (three jaw chuck), lathe machine (four jaw chuck), bench grinder, drilling machine, shaper machine, gas welding setup, electric arc welding setup





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ACADEMIC FACILITIES

Server room



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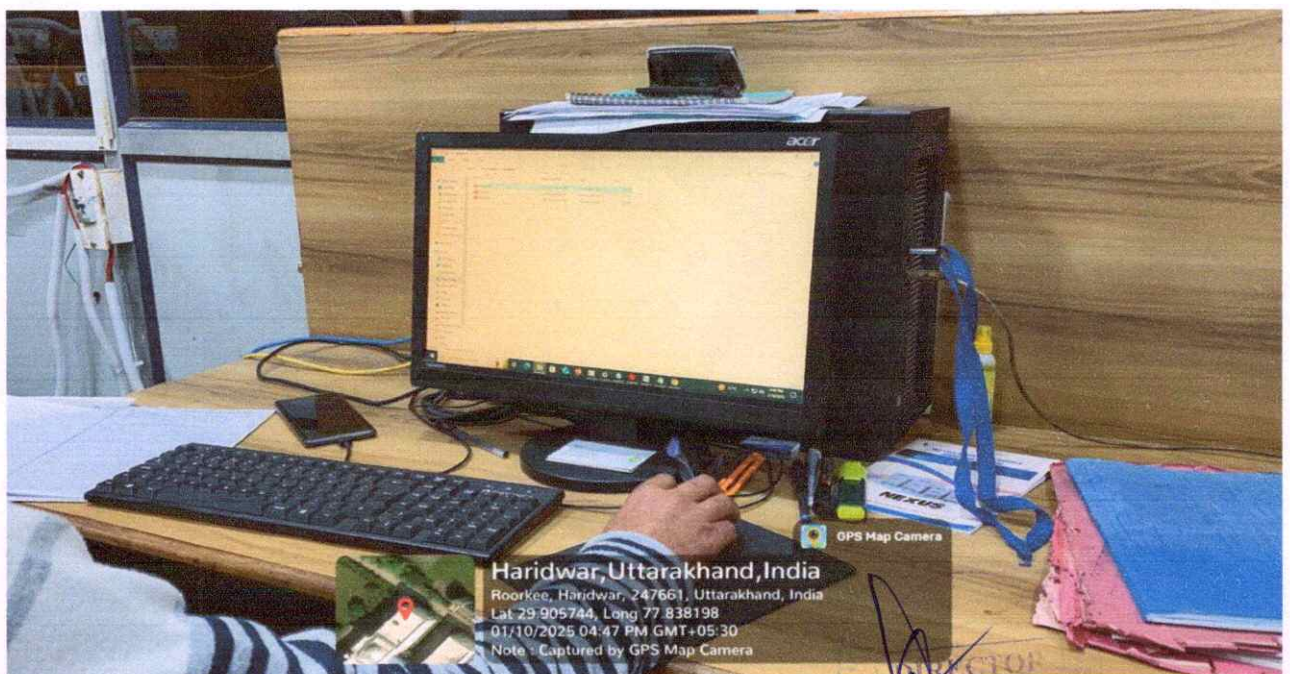
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"Transforming Aspirations into Achievements"

NETWORK SECURITY & CYBER SECURITY LAB AND SERVER ROOM (A-101)



Facility: CCTV CONTROLLING SYSTEM, BANDWIDTH MANAGING SYSTEM, MICROTIK ROUTER, 1+10G FIBER SWITCH FOR LAN OTHER DEPT CONNECTIVITIES THROUGH FIBER, WINDOW AC . HARDWARE & NETWORKING COMPONENTS (FOR PRACTICE OF STUDENTS).



VENUE: SERVER ROOM (A-101)





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ACADEMIC FACILITIES

Lecture Recording Facility



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"Transforming Aspirations into Achievements"

RECORDING ROOM



Facilities: Wi-Fi, Camera, Light, Computer system, Touch Pad, UPS, Mic, LED display.



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ACADEMIC FACILITIES

Language lab



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"Transforming Aspirations into Achievements"

Orell Digital Language Lab

Computer Lab (Room B-26)



Facilities: Wi-Fi, LCD Projector, Split AC, Window AC, Online UPS, CCTV.

System Configuration: Windows 10_64Bit, 6GB RAM, 500 GB Hard disk, 3.4GHz Processor.

Software Used: Orell Software, Net beans 8.2, Acrobat Reader 9, Firefox, Google Chrome, VLC Player, Notepad++, Cisco Packet Tracer 6.2, Scilab-6.0.2, Opera mini, .Net Framework 3.5, Java, Turbo C, MySQL, MS.Office Word, MS.Office Excel, MS.Office Access, MS.Office Power Point, MS.Office One Note, MS.Office Picture Manager, MS.Office Groove, MS.Office Publisher, MS.Office InfoPath.





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Research And Development Cell



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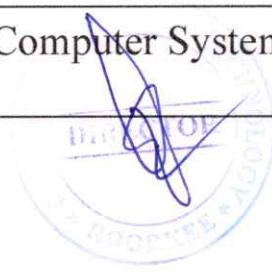
ADVANCE PROGRAMMING LAB



RESEARCH & DEVELOPMENT CELL



Facilities: Wi-Fi, LCD Projector, AC, CCTV, Computer Systems.





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ACADEMIC FACILITIES Incubation Center



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INCUBATION CENTER



INNOVATION ACTIVITY ROOM

INCUBATION CENTER CEO & MANAGER OFFICE

