



**The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.**

## **1. Adequacy of Infrastructure & Compliance to AICTE norms**

The Institute is situated in the 44.6 Acre land at mid of the City Gwalior, covers a well maintained lush green campus ensuring adequate availability and optimal utilization of physical infrastructure for teaching-learning activities. The Infrastructure Committee of BoG ensure about the adequacy of facilities for teaching-learning as per the minimum requirement specified by **AICTE**, with the aim for the development of infrastructure as per global standards.

As per the Vision of Institute, the Institute has created administrative block, Academic Infrastructure & amenities. Presently, Construction of one additional Academic Block & Hostels are also under progress to accommodate the need of increased intake of students in future. The Institute has Classrooms, Laboratories, Seminar Halls, studios, smart classrooms, conference hall, central computer centre, State of art computer labs, conclave centre, convention hall, student activity centre, MOOC Development Centre, research lab, central library, language lab, virtual labs & Workshops with 24X7 Continuous power supply through dedicated 33 Kv sub-station & Diesel Generator & Solar Power Plant.

The class rooms, Seminar Halls are equipped with Audio Visual Facility. The whole campus has Internet facility with dedicated lease line. The campus has well equipped playground for cricket, football, basketball, volleyball and gymnasium (indoor & Open), Hostels and mess. Institute has facilities like cafeteria, Xerox & Stationary store, ATM within the campus. The facilities for online teaching-learning is provided in each department of Engineering & Technology, Architecture & Planning & Management. In the last three years, augmentation in physical infrastructure, equipment, library & Digital Teaching-Learning facility is done to ensure the need arisen due to increase in intake, market demand for emerging areas of Technology & Covid-19 pandemic challenges.

## **2. Methodology to ensure adequacy of Teaching-Learning Infrastructure & Facilities**

Every year, before commencement of next financial year, a need based analysis is done by every department & section to identify the additional requirement for teaching-learning infrastructure considering following:

- (i) AICTE Norms
- (ii) Recommendation of BoS
- (iii) Removal of obsolesce as per current Technological Demands
- (iv) Students strength/Intake
- (v) Feedback received from Stakeholders
- (vi) Perspective Plan of Institute



- (vii) Budget constraints (if any)
- (viii) Guidelines of Quality Assurance Bodies like NBA, NAAC etc.

The proposals received from various Departments/Sections are compiled at Institute level for the review and approval of Infrastructure committee of BoG. The recommendations of Infrastructure committee are further reviewed and approved in the Finance/BoG meeting for budgetary provision in next financial year.

### 3. Teaching-Learning Facilities in the Institute:

The Institute has eleven Departments namely Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics Engineering, Computer Science & Engineering, Information Technology, Chemical Engineering, Architecture & Planning, Management, Applied Science & Humanities. In all the departments & central level following facilities are provided as per AICTE standards and curriculum needs:

**Classrooms:** As per AICTE guidelines on area requirement, Institute has developed adequate number of well-furnished, well ventilated, classrooms equipped with ICT facility.

**Laboratories:** All the laboratories are established as per AICTE norms & equipped with equipments, machines, software and computing facilities according to BoS recommendations on curriculum for the conduction of experiments/practicals to ensure achievement of lab course outcomes. Laboratories are also utilized for mini & major projects, skill based component as a part of teaching & contents beyond the syllabus. The virtual labs are also developed for online lab classes.

**Seminar Hall/ Tutorial rooms:** The Institute has multiple seminar Halls & Tutorial for presentations, various expert talks, group discussions, tutorial & remedial classes.

#### Central Library:

Central Library of the Institute can be considered as a very special place in the MITS Campus with its rich collection of books and journals in the field of Engineering and Architecture related disciplines. Central Library currently houses around 109443 books in different heads i.e Library grant, Student chapter grant & Book bank grants, collection includes textbooks and Reference books for Engineering Graduates, Post Graduates and Ph.D. curriculum in Civil Engineering , Mechanical Engineering, Electronics, Electrical, Computer Science & Information Technology , Management, and Architecture Disciplines. Library collection also includes documents in Computer Science, History of Science, Fictions, Stories, General books, Encyclopedias and Dictionaries, Magazines etc.

#### Internet


Name of the Internet provider: National Knowledge Network (NKN) through RailTel

- Available bandwidth: 100 MBPS Dedicated Leased Line
- Wi Fi availability: Yes, Both in Academics Area and Hostels



- Internet access in labs, classrooms, library and offices of all Departments: Yes (everywhere with Fibre Backbone) Wired and well as Wireless with Firewall and protected and being monitored through Proxy.
- Security arrangements: Linux proxy server is being used for recording user activity on the server. The internet access (wireless and wired both) is password protected. Iptables are being used as firewall and to define access rules. Un-required Sites are blocked by using pattern matching rules.

**Wi-Fi:** The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff.

  
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## Electrical Engineering



SOFTWARE & COMPUTER SIMULATION LAB

  
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BASIC ELECTRICAL & ELECTRONICS ENGINEERING LAB

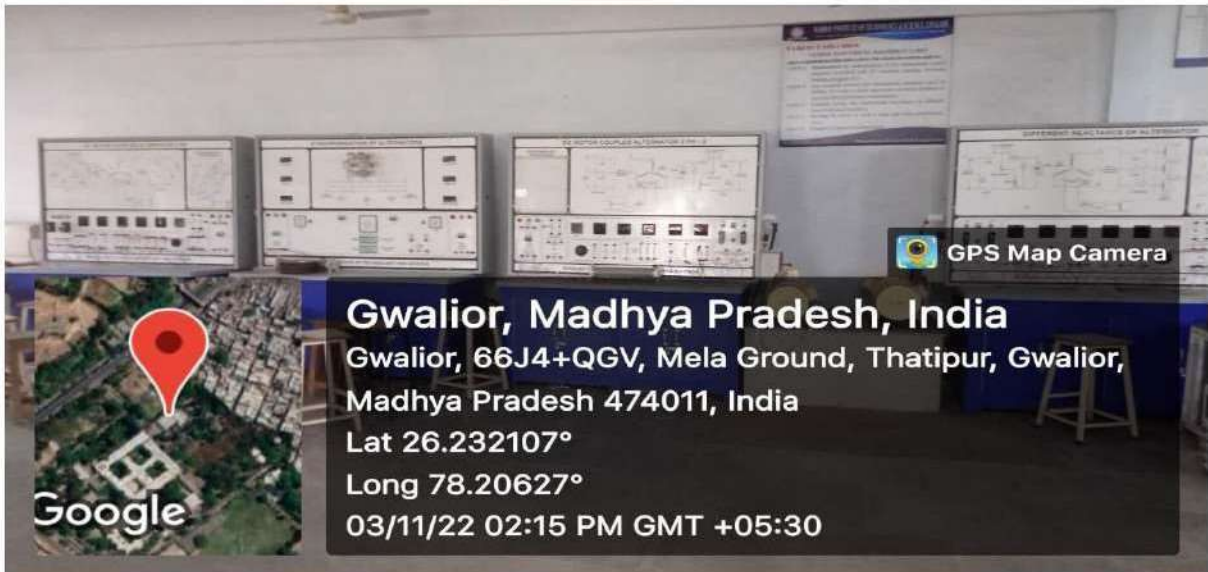


ANALOG & DIGITAL ELECTRONICS LAB



**Gwalior, Madhya Pradesh, India**  
Gwalior, 66J4+QGV, Mela Ground, Thatipur, Gwalior,  
Madhya Pradesh 474011, India  
Lat 26.232083°  
Long 78.206289°  
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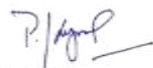
VIRTUAL INSTRUMENTATION LAB



**Gwalior, Madhya Pradesh, India**  
Gwalior, 66J4+QGV, Mela Ground, Thatipur, Gwalior,  
Madhya Pradesh 474011, India  
Lat 26.232107°  
Long 78.20627°  
03/11/22 02:15 PM GMT +05:30



**Gwalior, Madhya Pradesh, India**  
Gwalior, 66J4+QGV, Mela Ground, Thatipur, Gwalior,  
Madhya Pradesh 474011, India  
Lat 26.23211°  
Long 78.20627°  
03/11/22 02:15 PM GMT +05:30

  
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MEASUREMENT AND INSTRUMENTATION LAB





**RENEWABLE ENERGY LAB**



**POWER ELECTRONICS AND DRIVES LAB**

  
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BASIC ELECTRONICS LAB

  
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DIGITAL AND MICROPROCESSOR LAB

  
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COMMUNICATION LAB



COMPUTER LAB



**Gwalior, Madhya Pradesh, India**  
66J4+74V, Mela Ground, Thatipur, Gwalior, Madhya Pradesh 474011, India  
Lat 26.230698°  
Long 78.205368°  
03/11/22 02:41 PM GMT +05:30

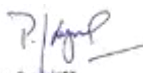


**Gwalior, Madhya Pradesh, India**  
66J4+74V, Mela Ground, Thatipur, Gwalior, Madhya Pradesh 474011, India  
Lat 26.230706°  
Long 78.205368°  
03/11/22 02:41 PM GMT +05:30



**Gwalior, Madhya Pradesh, India**  
66J4+74V, Mela Ground, Thatipur, Gwalior, Madhya Pradesh 474011, India  
Lat 26.230702°  
Long 78.20536°  
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**CONTROL SYSTEM LAB**

  
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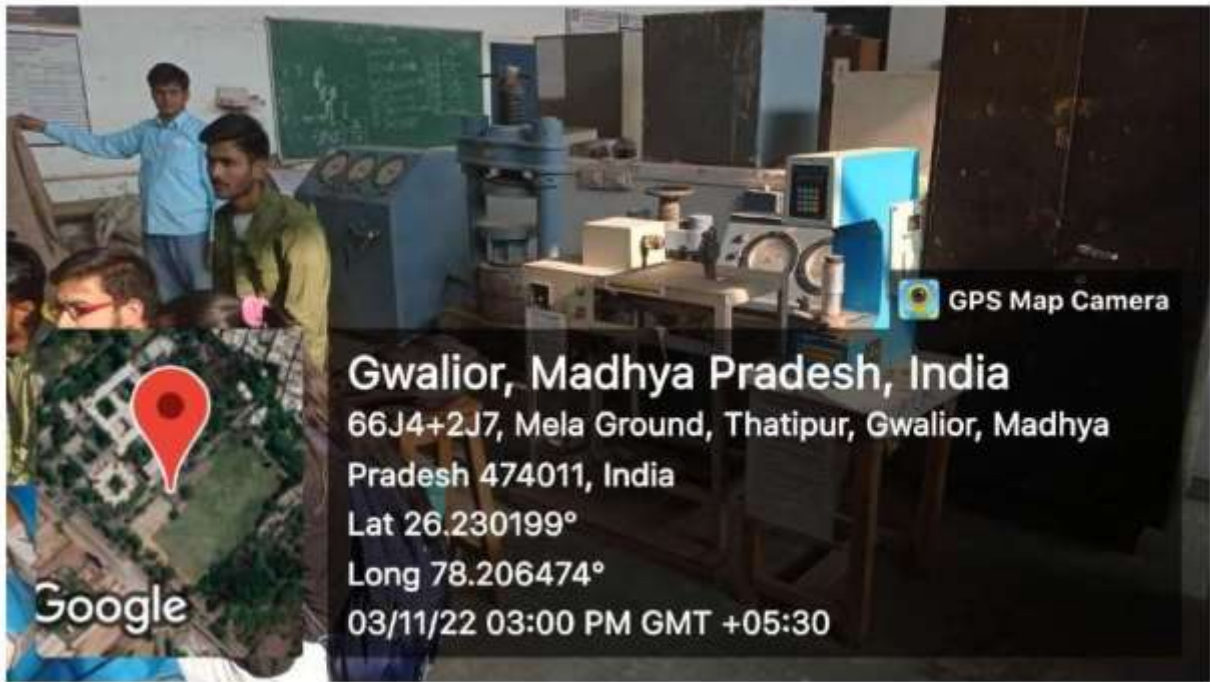
ENVIRONMENTAL ENGINEERING LAB

  
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STRENGTH OF MATERIAL LAB

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CONCRETE TECHNOLOGY LAB


  
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HIGHWAY ENGINEERING LAB



**GEOTECH LAB**

  
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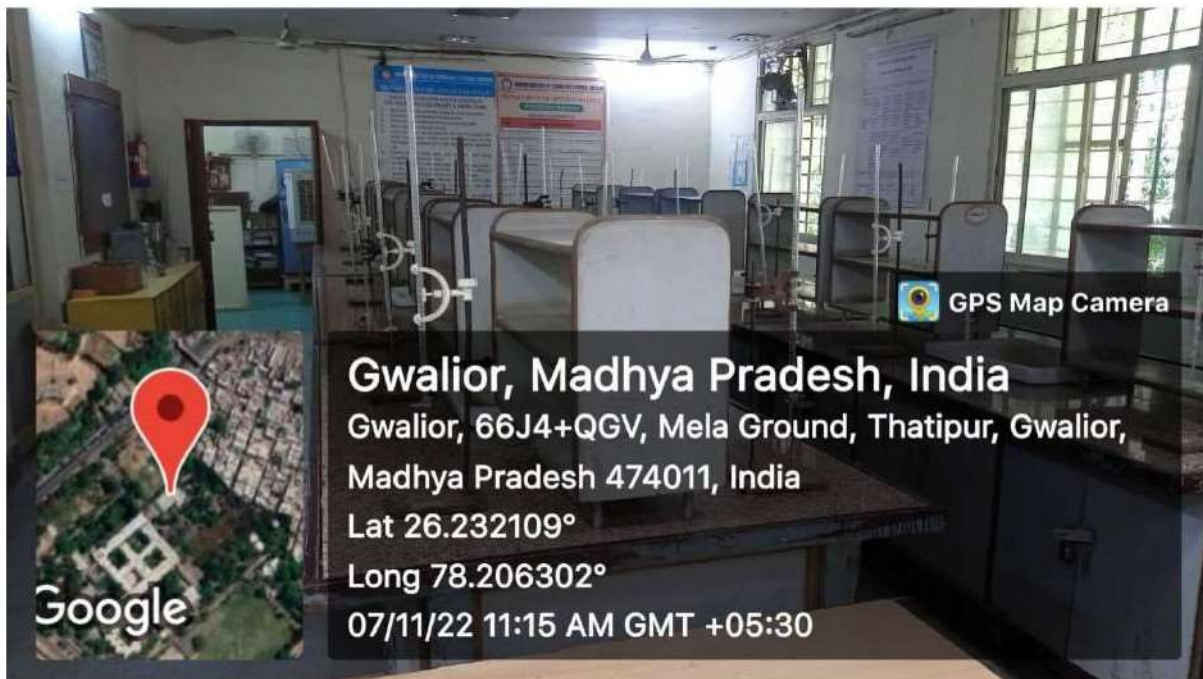
**SURVEY LAB**

  
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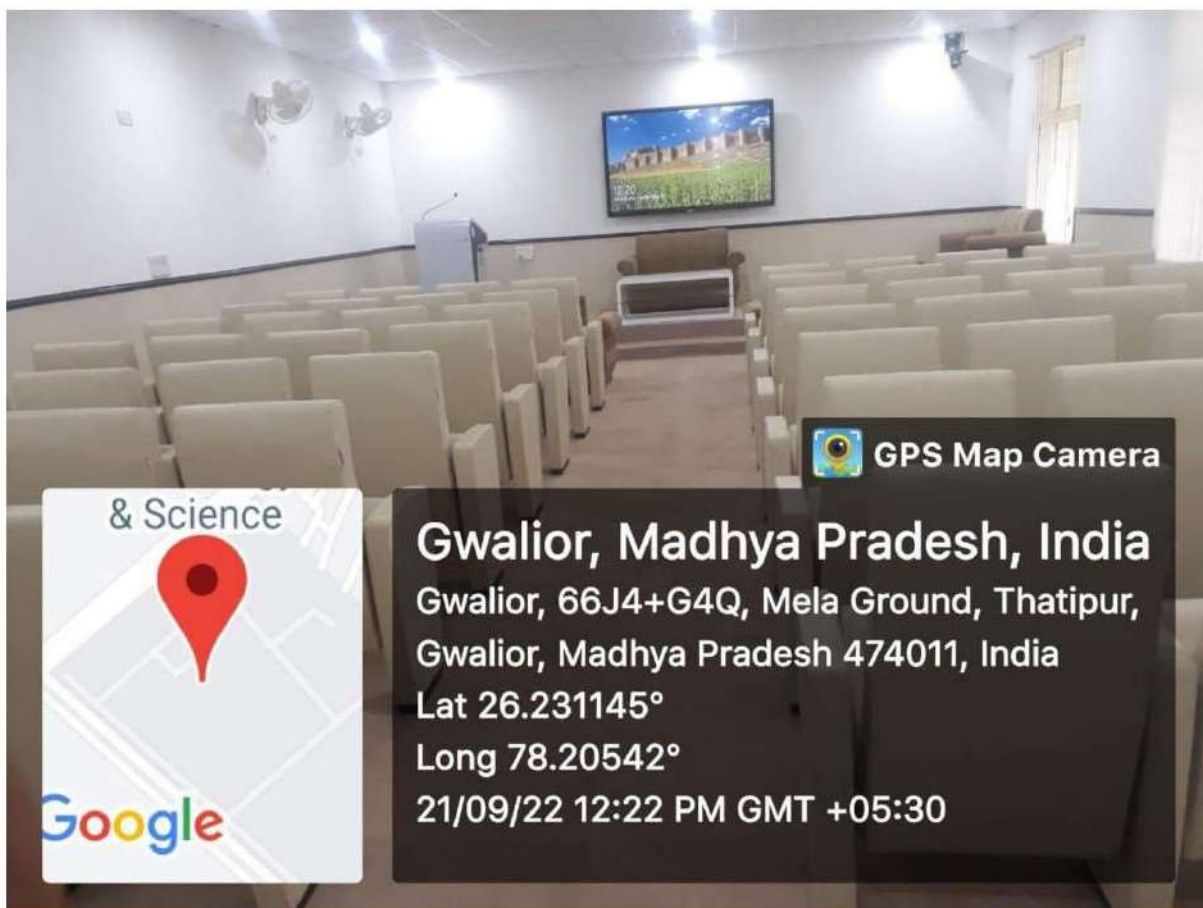
ENGINEERING PHYSICS LAB

  
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ENGINEERING CHEMISTRY LAB


Central Facilities



Faculty Resource Centre



Convention Hall

  
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Conclave Centre

  
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Board Room

  
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E- Conference Room



Server Room



EDC Counselling Hall

  
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Digital Studio(MOOCs Development Centre)

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Registrar  
Modhuv Institute of Technology & Science  
Gwalior (M.P.)

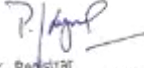
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## SMART CLASSROOM

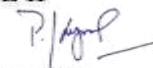


SEMINAR HALL I

  
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SEMINAR HALL II

  
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SEMINAR HALL III

  
Registrar  
Madhya Institute of Technology & Science  
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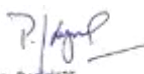


SEMINAR HALL IV

  
Registrar  
Madhya Institute of Technology & Science  
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SEMINAR HALL V

  
Registrar  
Wadhwa Institute of Technology & Science  
GWALIOR (M.P.)



SEMINAR HALL VI

  
Registrar  
Madhya Institute of Technology & Science  
Gwalior (M.P.)



SEMINAR HALL VII



SEMINAR HALL VIII

  
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