

Growth Center, Jasoiya More, Aurangabad (Bihar) - 824102

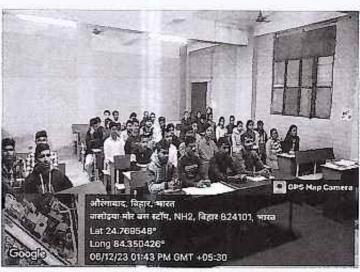
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Phone: 9322698410, 9308392310 E-Mail: sityogengg@yahoo.com, Website: www.sityog.edu.in

Glimpse of Classrooms











		Sityog	Sityog Institute of Technology
		Growth Cent Approved	Growth Center, Jasobya More, Aurangabad, Biltar - 824102 Approved by ACTL Under Gove of India (Minsa) of HED) LABORATORIES DETAILS
S.NO Departme	Department Semester	NAME OF LABORATORY	EQUIPMENT NAME
		PHYSICS LAB-I	OHM'S LAW APPARATUS, COMPASS, PRISM, LENS, MIRROR, PENDULUM, PARALLELOGRAM APPARATUS
	156	CHEMISTRY LAB	Safety grazics and lafety equipments, Beakers, Test tutue, Watch glusses, Punnels, Droppers, Ring stands, rings, and closups
m	#58	COMM. SKILLS IN ENGLISH LAB	LAN, Microphones, Intercom switches, Hendphones, The media player.
2	2nd	Basic Electrical Engineering	Ammeter, Volumeter, Connoching Wires, Brend Board, Multimoter, Rosbiers, Cito
STAC		ELECTRICAL CIRCUITS ANALYSIS LABORATORY	Bustonly study of different different types of power plants.
AEE1	E.	ELECTRICAL MACHINES-1	1. Speed Control of Dr. Shant Motor 2, Serve Synthronous Motor 3, Squirel cage induction Motor
ICIL		ANALOG ELECTRONICS	UJT Characteristic Apparatus, IGBT Characteristic, PN Junction Diode Characteristic Apparatus
r ev		DIGITAL ELECTRONICS	8086/88 based low cost microprocessor trainer, 8051 MICROCONTROLLER TRAINER.
ICVI	\$	ELECTRICAL MACHINE-II	Temperatore indicators, Infrared thermometers, Ph meter, Thermobygrameter
aTT.		Electrical & Electronics Measurement	Olummeter, Oscilloscope, Q. Meter, Multimeter, Wheatstone Bridge KIT, Kelvin's Double Bridge KIT
rec		POWER RIECTRONICS LAB	Step up chopper, step down chopper, Single pluse bridge inverter, AC Chopper, Buck Converter, Boost Converter
E 2	ŧ	POWER SYSTEM-I LAB	Static VAR Compensator, Air Circuit Breaker (Digital Trip Relay), 3 Phase Active & Reactive Power Control
13		CONTROLSYSTEMIAB	Sensors and transducers, Actuators, PID Controller, PLC Controller
2		MICROPROCESSOR LAB LAB	8051 Microcontroller, Connection Board, Microprocessor Training Kit, CRO
52	- Nit	Introduction to VLS1	DELL Power Edgs, Universal Trainer Kit
9	eth	Digital Signal Processing LABORATORY	Dia-Signal Amplifier, HP Camputers Wilth Monitor, Server with Modem& UPS
E		POWER SYSTEM-II LAB	Overcurrent relay, Earth fault relay, Over current protection of transformer and transmission line kit

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S.No.	Semester	B Tech ME Lab (1 st sem to 8 th sem)		
		Subject Code	Subject Name	
1	1 st	100101P	Basic Electrical Engineering	
		100102P	Engineering Graphics & Design	
		102101P	Physics (Electromagnetism)	
2	2 nd	100203P	Chemistry	
		100204P	Programming for Problem Solving	
		100205P	Workshop Manufacturing Practices	
		100206P	English	
3	3 rd	100309P	Engineering Mechanics	
		100399P	Internship	
	The state of the s	102302P	Machine Drawing	
4	4 th	100408P	MOOCs/SWAYAM/NPTEL Courses-1	
		102403P	Fluid Machines	
		102405P	Strength of Materials	
5	5 th	100510P	Summer Entrepreneurship-II	
		100511P	MOOCs/SWAYAM/NPTEL Courses-2	
		102501P	Fluid Machinery	
		102502P	Heat Transfer	
		102504P	Manufacturing Processes	
6	6 th	102601P	Design of Machine Elements	
		102602P	Dynamics of Machinery	
		102603P	Manufacturing Technology	
		102605P	Automation Manufacturing	
7	7th	100702P	Summer Entrepreneurship-III	
	1	100709P	Project-I	
	a consent la	102701P	Internal Combustion Engines	
8	8 th	100801P	Project-II	

COMPUTER LAB STATUS - ODD SEMESTER

Location	Total Seat	Total Seat Fotal Systemen not A	tem not Available on Seat	Remarks
			22	Exam Cell - 1
			79	Electrical Department - 1
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			66	

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		Source Manual Source
Reqirements	HARDWARE: MONITOR CPU KEYBOARD MOUSE SOFTWARE: WINDOWS (OPERATING SYSTEM) TURBO C ++	HARDWARE: MONITOR CPU KEYBOARD MOUSE SOFTWARE: WINDOWS (OPERATING SYSTEM) TURBO C++
		- 47/H-2
Subject	PROGRAMMING FOR PROBLEM SOLVING (PPS)	DATA STRUCTURE & ALGORITHM (DSA)
Semester	H	r
Course		
Program		
Sr. No.	-	2

Miser Kiner

HARDWARE: MONITOR CPU KEYBOARD MOUSE MOUSE WINDOWS (OPERATING SYSTEM) TURBO C ++	HARDWARE: MONITOR CPU KEYBOARD MOUSE SOFTWARE: WINDOWS (OPERATING SYSTEM) SQL SERVER / ORACLE 11g	HARDWARE: MONITOR CPU KEYBOARD MOUSE SOFTWARE: WINDOWS (OPERATING SYSTEM) PYTHON IDE
OBJECT OREIENTED PROGRAMMING USING C++	DATABASE MANAGEMENT SYTEM (DBMS) PROFESSIONAL ELECTIVE LAB - II (MACHINE LEARNING USING PYTHON)	
1	lo.	~
CSE		
B.Tech		
•	4	25

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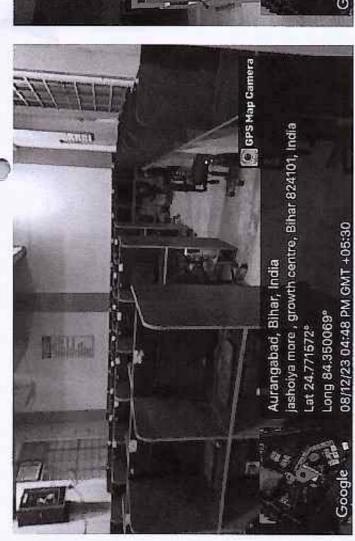
COMPUTER LAB STATUS - EVEN SEMESTER

_	Location	Total Seat	Total System	System not Available on Seat No.	Remarks
				T	Mass Communication -
r -	LAB-02	82	2	64	0 10 10 10 10 10 10 10 10 10 10 10 10 10
				82	Admission Cell - 2

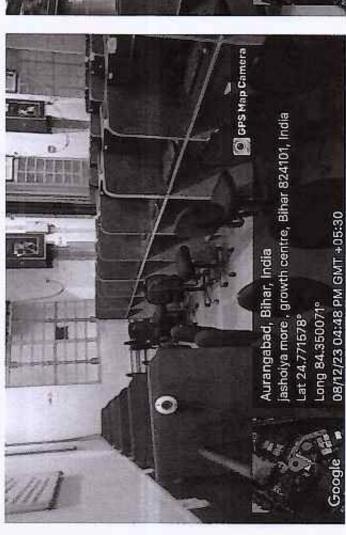
_			
Regirements	HARDWARE: MONITOR CPU KEYBOARD MOUSE SOFTWARE: WINDOWS (OPERATING SYSTEM) TURBO C++	HARDWARE: MONITOR CPU KEYBOARD MOUSE SOFTWARE: WINDOWS (OPERATING SYSTEM) TURBO C++	HARDWARE: MONITOR CPU KEYBOARD MOUSE SOFTWARE: WINDOWS (OPERATING SYSTEM)
Subject	COMPUTER ORGANIZATION & ARCHITECTURE (COA)	OPERATING SYSTEM (OS)	DESIGN ANALYSIS & DESIGN (DAA)
Semester		+	
Course			
Program			
Sr. No.	1	2	

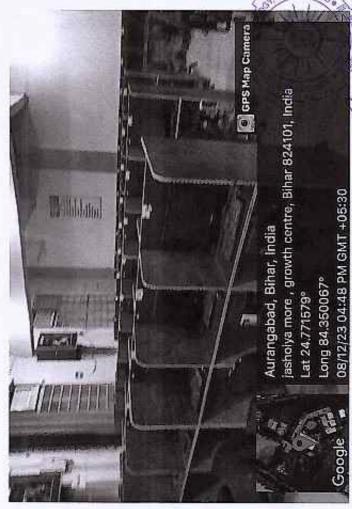
The second of th

HARDWARE: MONITOR CPU KEYBOARD MOUSE SOFTWARE:		SOFTWARE: WINDOWS (OPERATING SYSTEM) TURBO C++	WINDOWS
COMPILER DESIGN (CD)	COMPUTER NETWORK (CN)	-	PYTHON PROGRAMMING
	٩		
CSE			
B.Tech			
4	10		9









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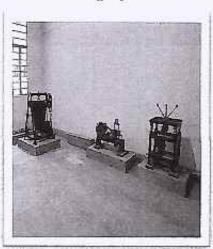
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Some Photographs of Laboratory



BUILDING SCIENCE LAB



BUILDING SCIENCE LAB



TRANSPORTATION LAB



ENGINEERING DRAWING LAB



FLUID MECHANICS LAB



SURVEYING LAB





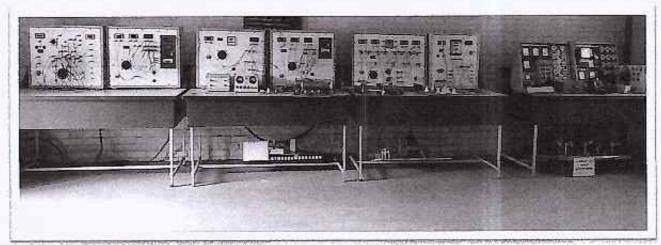


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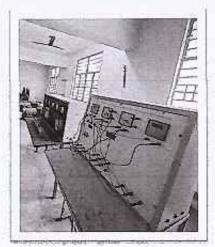
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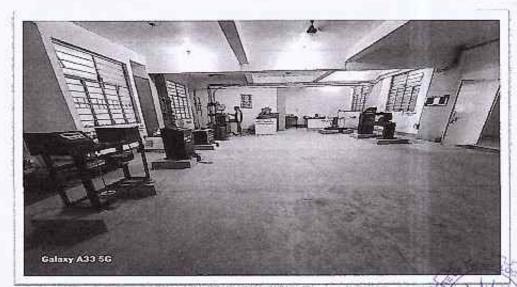
ANALOG ELECTRONICS LAB







BASIC ELECTRICAL ENGINEERING LAB



STRENGTH OF MATERIALS LAB



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Physics Lab



DYNAMICS OF MACHINE





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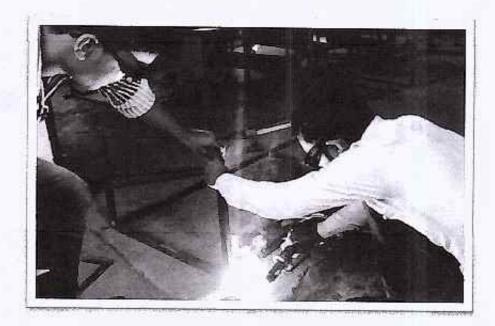
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CHEMISTRY LAB







Students Doing Workshop Practice

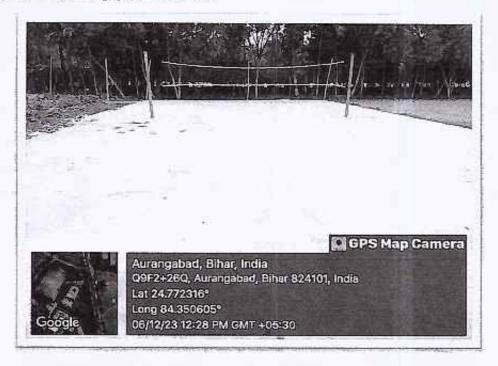


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Badminton

Badminton is a fast-paced racket sport played indoors or outdoors. It involves two or four players who take turns hitting a shuttlecock over a net. The objective is to score points by making the shuttlecock land in the opponent's side of the court. Known for its agility and strategic play, badminton requires quick reflexes and precise shots. It's a popular recreational and competitive sport enjoyed worldwide.





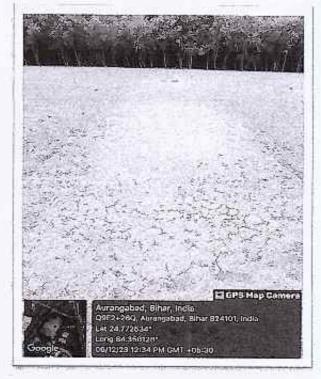


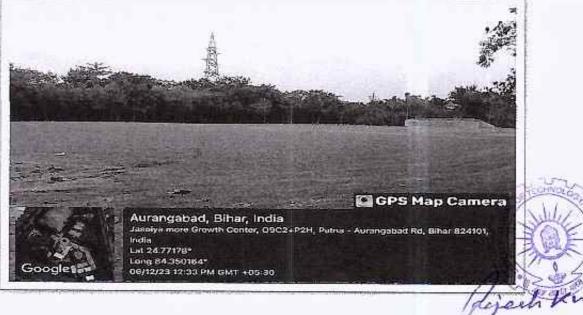
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Cricket

Cricket is a sport that originated in England and is now played worldwide, particularly in Australia, India, Pakistan, the West Indies, and the British Isles. It is played with a bat and ball and involves two competing sides (teams) of 11 players. The objective of the game is to score more runs than the opposing team. The game is played on a field with a rectangular 22-yard-long pitch in the center. The pitch has a wicket at each end, and the bowler delivers the ball to the batsman who tries to hit it and score runs. The game has a rich history and is considered one of the most popular sports in the world.







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Football

Football, also known as soccer, is a sport played by two teams of 11 players each. The objective of the game is to score more goals than the opposing team. The game is played with a ball and players are not allowed to use their hands or arms to touch the ball, except for the goalkeeper who can use their hands within the penalty area. Football is the world's most popular sport in terms of both the number of participants and spectators. It requires teamwork, coordination, agility, and stamina. Unlike other sports, football has a unique game culture and extreme sportsmanship. The ancient Greeks played games similar to football, but the modern version of the game was developed in England in the 19th century.



Volleyball

Volleyball is a sport played by two teams, usually of six players on a side. The objective of the game is to bat a ball back and forth over a high net, trying to make the ball touch the court within the opponents' playing area before it can be returned. The game is played on a court with a rectangular shape, and the ball can be hit with any part of the body. Volleyball is a net-based non-invasive sport in which two competing teams of six members control the ball with various parts of their bodies 3. There are offensive and defensive tasks to complete, and a single game event can result in both winning and losing points.

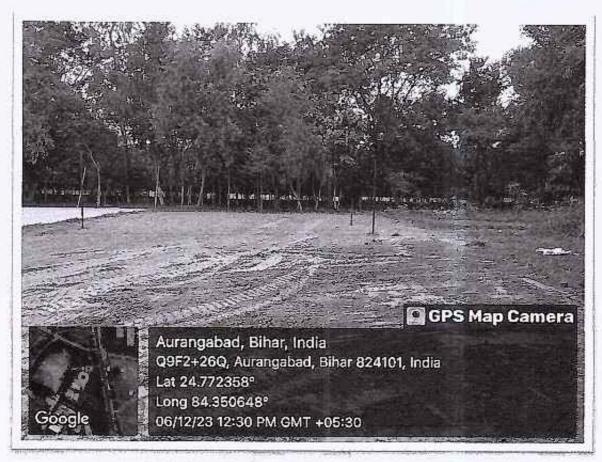


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Volleyball Court shown in image is under maintenance

Kabaddi

Kabaddi is a contact team sport played between two teams of seven players, originating in ancient India 1. The objective of the game is for a single player on offense, referred to as a "raider", to run into the opposing team's half of the court, touch out as many of their players and return to their own half of the court, all without being tackled by the defenders in 30 seconds. Points are scored for each player tagged by the raider, while the opposing team earns a point for stopping the raider. Players are taken out of the game if they are touched or tackled, but are brought back in for each point scored by their team from a tag or a tackle. It is popular in the Indian subcontinent and other surrounding Asian countries. Although accounts of kabaddi appear in the histories of ancient India, the game was popularized as a competitive sport in the 20th century. It is the national sport of Bangladesh.



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Kabbadi Court shown in image is under maintenance

Basketball

Basketball is a team sport played by two teams of five players each on a rectangular court, usually indoors. The objective of the game is to score by tossing the ball through the opponent's goal, an elevated horizontal hoop and net called a basket. The game requires a combination of physical and mental skills such as dribbling, shooting, running, and jumping. It is the only major sport strictly of U.S. origin. The game has a rich history and is played worldwide, with the National Basketball Association (NBA) being the most popular professional basketball league in the world.

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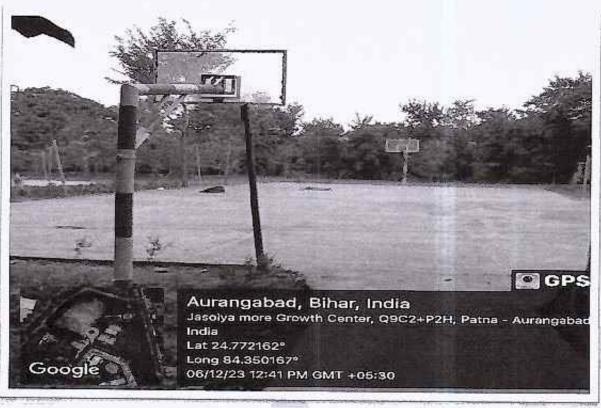


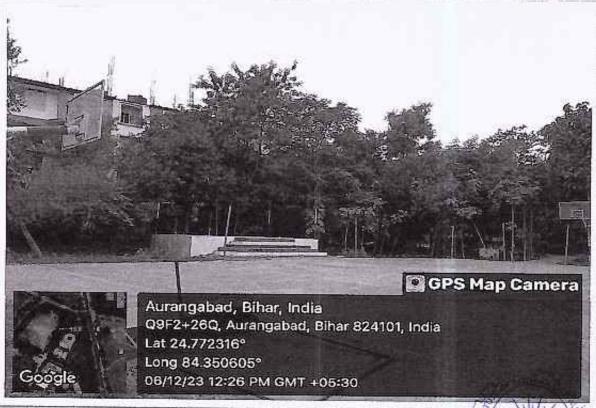
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Auditorium

An auditorium is a space within our institution where we celebrate all our cultural program and other functions with a capacity of 300 audience sits to watch performances. It is distinct from the stage, which is the area where the performance takes place. The design of an auditorium is crucial to ensure that the audience can hear and see the performance clearly. Acoustics, lighting, and seating arrangements are some of the factors that had been considered when designing the auditorium.





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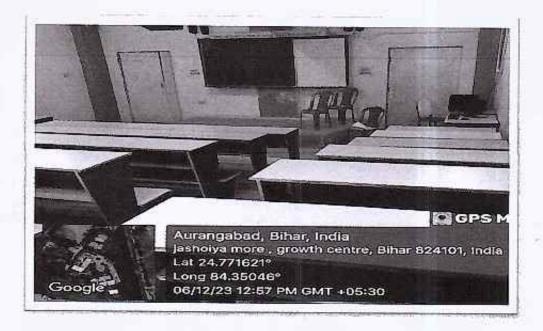


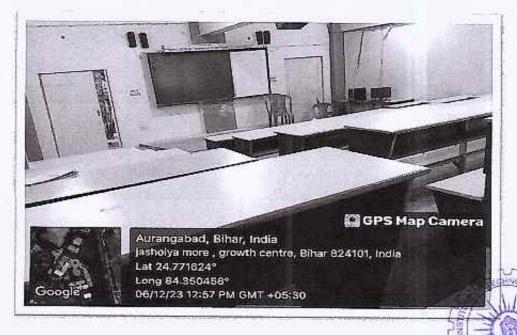
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Seminar Hall

A seminar hall is a space where an audience sits to attend a seminar or presentation. It is designed to accommodate about 100 people and is equipped with audio-visual aids such as projectors, microphones, and speakers to facilitate the presentation. The design of a seminar hall is crucial to ensure that the audience can hear and see the presentation clearly.







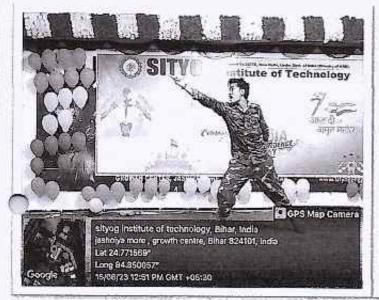
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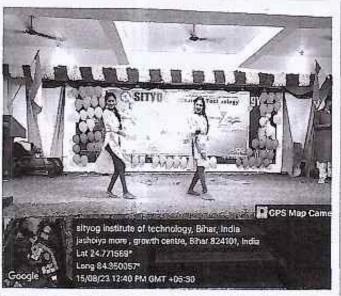
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Cultural Activities













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Gymnasium

A gymnasium, commonly referred to as a gym, is a place used for physical activity. The word "gymnasion" was used in Ancient Greece and meant a place for both physical and intellectual education of young men. Today, gyms are commonly found in athletic and fitness centers, and as activity and learning spaces in educational institutions.

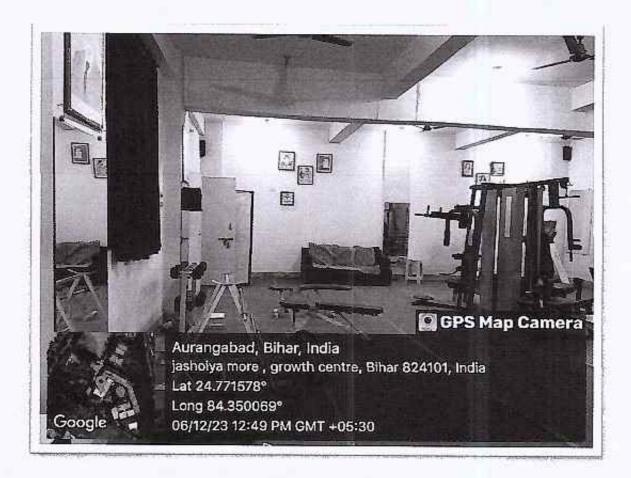


Table tennis

Table tennis, also known as Ping-Pong, is an indoor game played on a flat table between two players. The objective of the game is to hit the ball over the net and bounce it to the other side of the table in a way that the opponent misses hitting it back. The game is played with a lightweight hollow ball and paddles on a flat table divided into two equal courts by a net. It is a fast-paced sport that requires quick reflexes and great hand-eye coordination. Table tennis is a popular recreational activity as well as a competitive Olympic sport.



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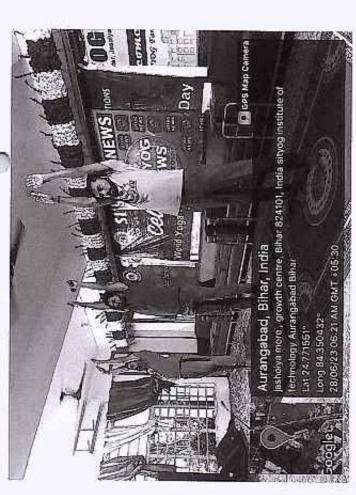
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GPS Map Camora

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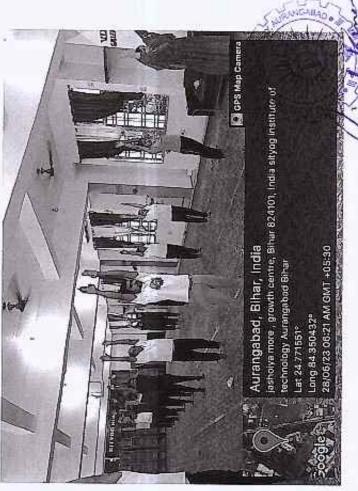
technology Aurangabad Bihar

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Long 84,350432°

Lat 24,771551°





GPS Map Camera

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