

# **ACS** College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST







4.1.1 The Institution has adequate facilities for teaching-learning, viz., classrooms, laboratories, computing equipment, etc.

#### Response:

ACS College of Engineering has adequate infrastructural facilities for effective teaching-learning process, extra-curricular and co-curricular activities to fulfill the norms laid by the AICTE, VTU and Government of Karnataka. The institution is located in a beautiful lush green landscape, free from polluted environment and excellent atmosphere and ambience ideally suited for growth of the soul & mind. The existing infrastructure facilities are enhanced based on the requirements of students and faculty member to support for their teaching learning process, research and development activities

The institution physical infrastructure consists of 38 classrooms, 42 laboratories, smart classrooms, 05 seminar halls, rest rooms and 12 common rooms. Subsequently, the institution has supporting academic and administrative rooms. The institution has adequate ventilated classrooms and illumination, and is equipped with ICT tools like portable projector, internet connectivity. Each department has well equipped Laboratories, Seminar halls and Department Library. The existing physical infrastructure is preferably utilize beyond regular institute hours, to co/extra-curricular activities, campus recruitments, meetings, seminar, conferences etc. Each faculty of the institution have well-furnished separate cabins with the optimistic ambience for interaction with the students who come for guidance, counseling and discussions.

The institution has laboratories in accordance with the AICTE norms and VTU curriculum. ACSCE has 42 laboratories with state of art laboratory equipment. The labs are well equipped with safety norms with list of experiments details. Labs are used by the students beyond the working hours for doing their projects. Also the institution has established UC Berkeley and Intel intelligent System laboratory to bridge the gap between industry and academics.

Campus

# 207, Kambipura, Mysore Road, Bengaluru - 560 074pura, Mysore Road, Kenge

of Engineering

Ph: 080 - 2974 8222, 2974 8333 Fax: 080 - 2974 9988 E-mail: info@acsce.edu.in, principal@acsce.edu.in



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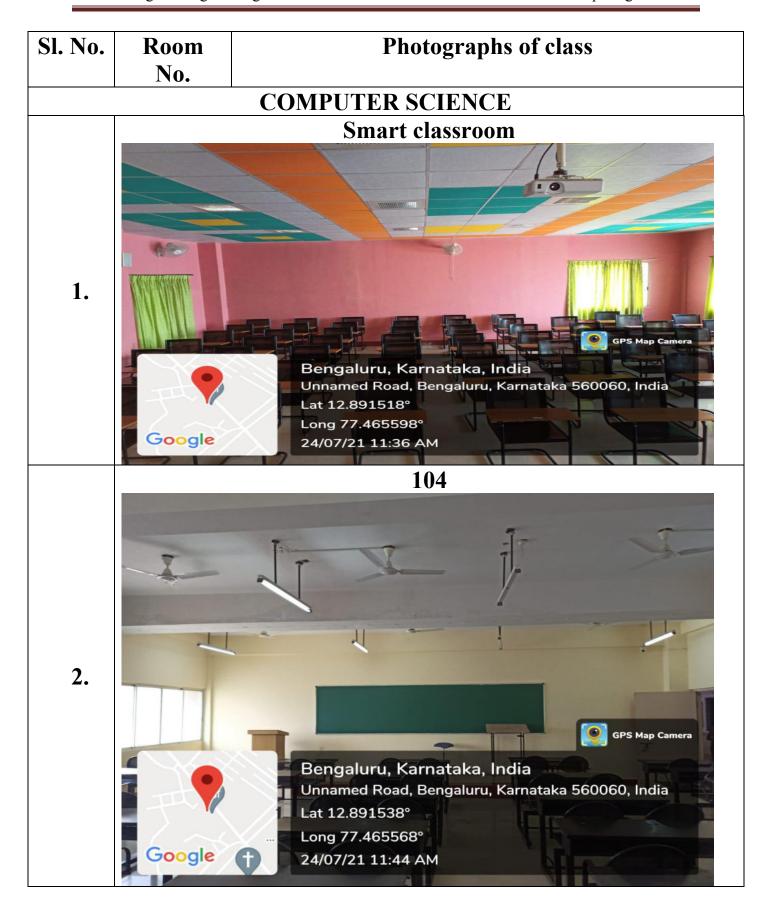
The management consistently interacts with the stakeholders to improve the infrastructure facilities. Apart from the books available in the library, students can also access online E-resources such as digital library to widen their knowledge and skills. The students can refer the Project report maintained at Library for further reference and other development usage. All the classrooms, smart classrooms and seminar halls are well equipped with ICT facilities. Computer laboratories are installed with licensed software as well open source software. The student computer ratios are maintained in accordance with AICTE. The institution is equipped with Wi-Fi, hot spots and Internet facility with a bandwidth of 100 Mbps.

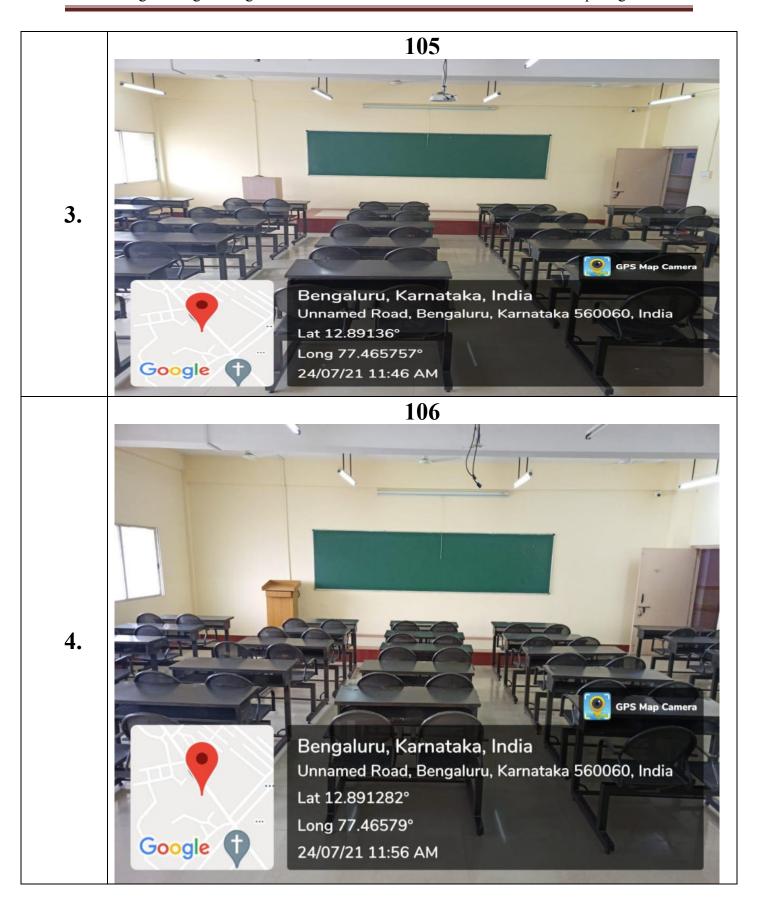
The institution has Innovative cell, an Incubation centers aim at training the students in various advanced technologies. The institute also has Research & Development (R&D), Start up and Entrepreneurship development centers (EDC). ACSCE has separate hostel for boys and girls in the campus. The institutional Placement and Training cell has adequate infrastructure to conduct various activities with regard to the training and placement for the students.

ERP software of the institution is deployed for effective automation of academic and administrative process used in the institution, to maintain and analyse the data related to various process of the institution.

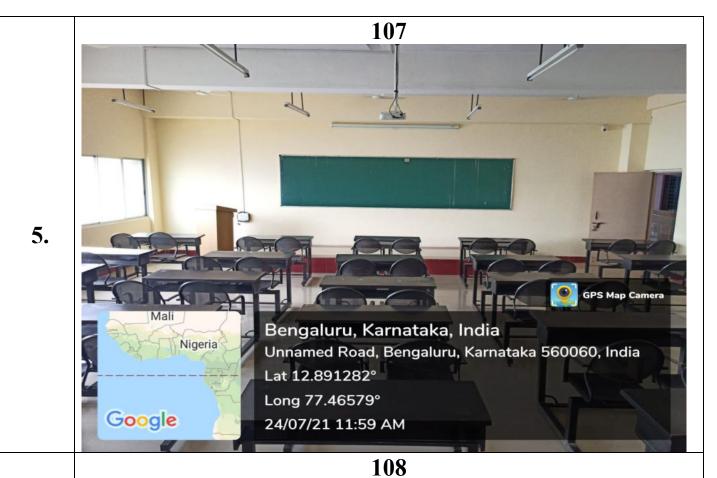
For the physical disabled students, the institution has ramp, wheel chair, lift and washroom with necessary facilities.

A.C.S. College of Engineering
Kambipura, Mysore Road, Kengeri Hobli
Banualore - 560 074

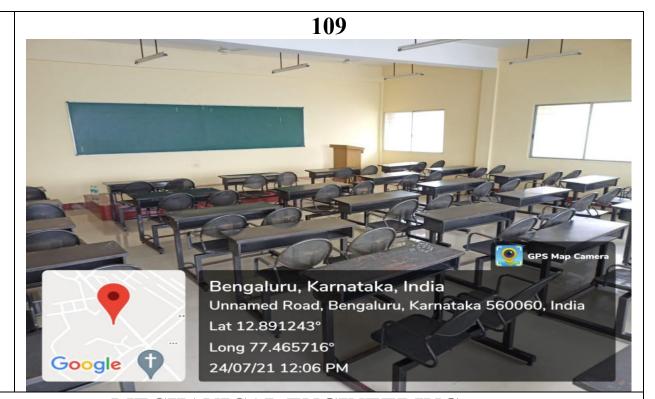




6.



Bengaluru, Karnataka, India
Unnamed Road, Bengaluru, Karnataka 560060, India
Lat 12.891243°
Long 77.465716°
24/07/21 12:04 PM



# MECHANICAL ENGINEERING



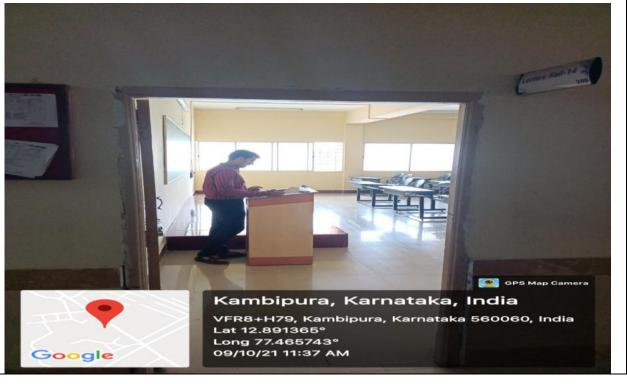
**8.** 

Google

Kambipura, Karnataka, India
VFR8+H79, Kambipura, Karnataka 560060, India

205

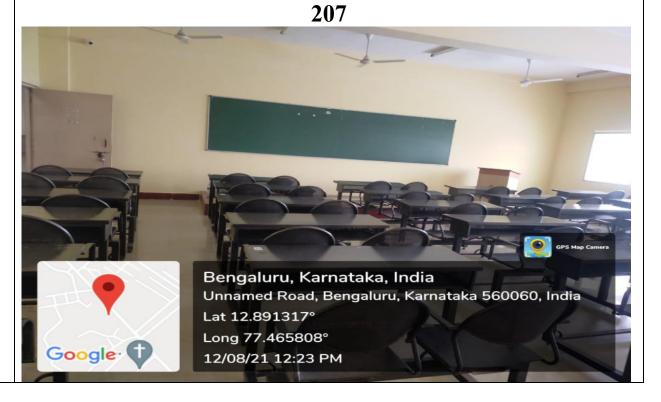
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**10.** 



## **CIVIL ENGINEERING**



12.

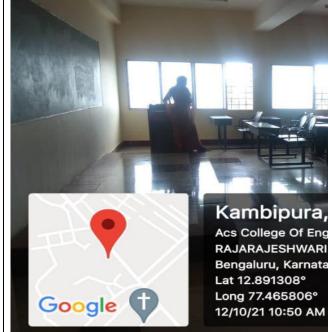


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Unnamed Road, Bengaluru, Karnataka 560060, India
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Long 77.465782°
12/08/21 12:25 PM

14.

## **ELECTRONICS & COMMUNICATION**

**306** 



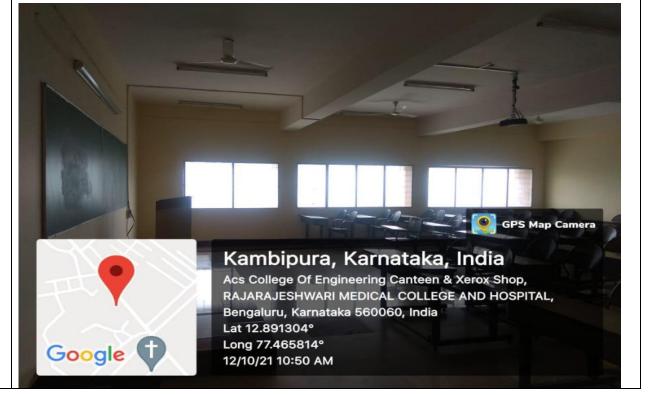
Kambipura, Karnataka, India

Acs College Of Engineering Canteen & Xerox Shop, RAJARAJESHWARI MEDICAL COLLEGE AND HOSPITAL, Bengaluru, Karnataka 560060, India

**GPS Map Camera** 

Long 77.465806°

307



16.



## **BIOMEDICAL ENGINEERING**

303



18.

304

**19.** 



305



# **AERONAUTICAL ENGINEERING**

## **Smart room 403**



404



22.



Bengaluru, Karnataka, India
Unnamed Road, Bengaluru, Karnataka 560060, India
Lat N 12° 53' 28.4928"
Long E 77° 27' 56.5848"
29/07/21 10:24 AM

24.

# **AEROSPACE ENGINEERING**

**407** 



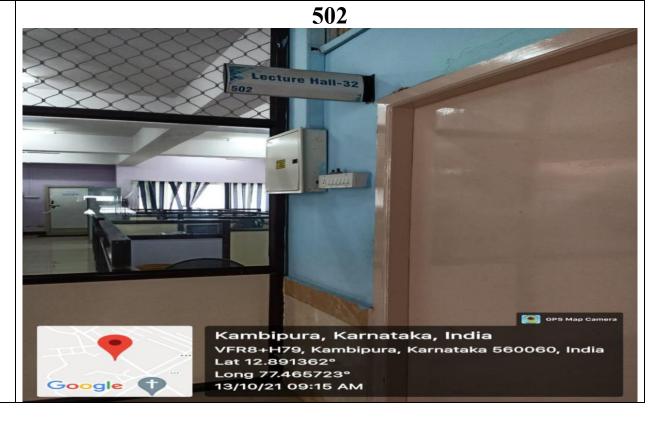
408



26.



## **Basic science Department**

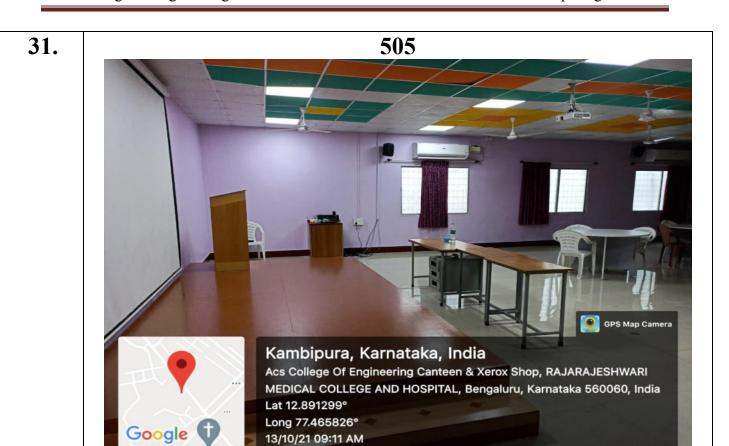


28.

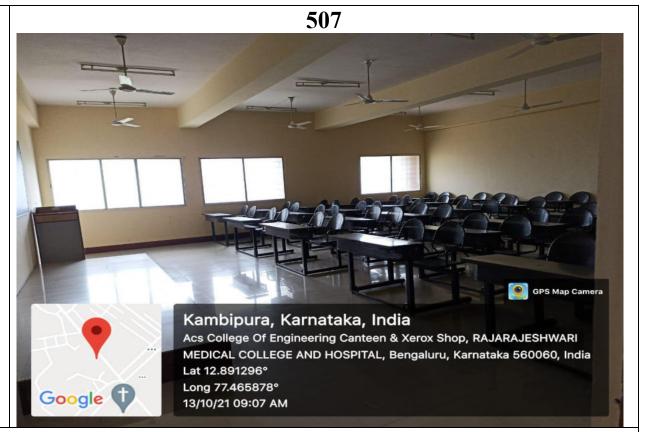


Kambipura, Karnataka, India
VFR8+H6J, Kambipura, Karnataka 560060, India
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13/10/21 09:15 AM

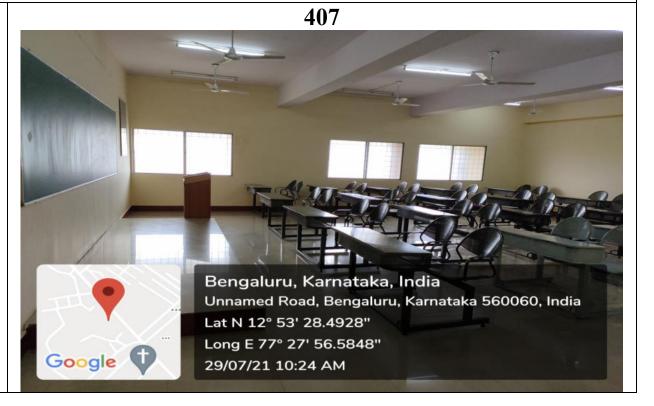
**30.** 







## M.Tech



34.

# **Ground floor Classsrooms**

004

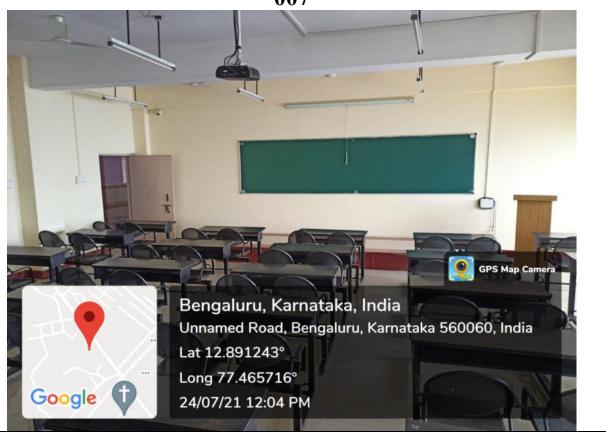


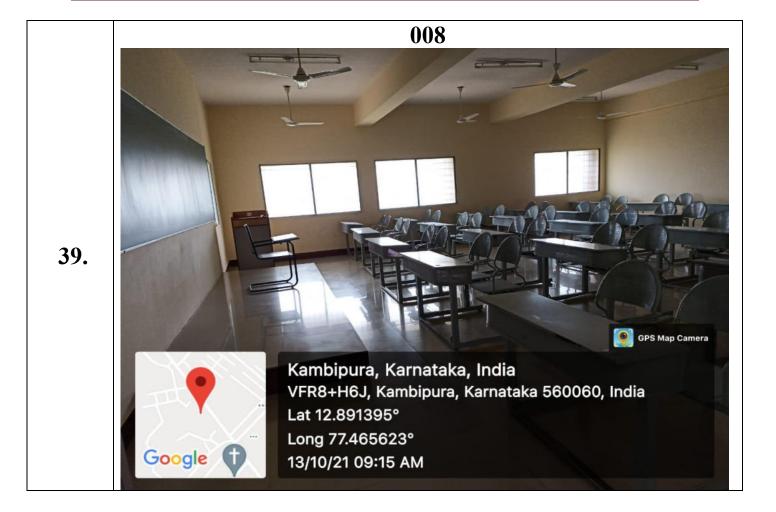
005



36.







#### **LABORATORIES**

#### **AERONAUTICAL LABORATARIES**

#### **AERODYNAMICS LAB**



# AIRCRAFT STRUCTURES LABORATORY

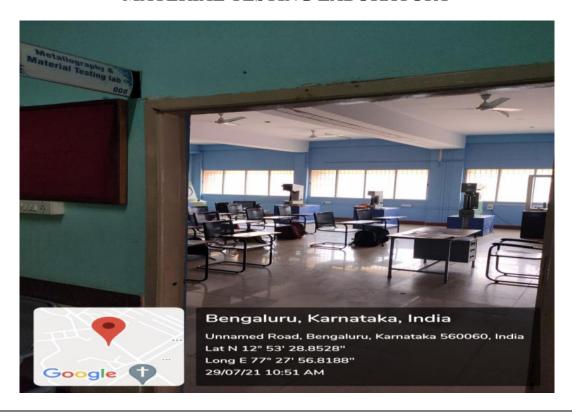


2.

#### AIRCRAFT PROPULSION LABORATORY



#### MATERIAL TESTING LABORATORY



4.

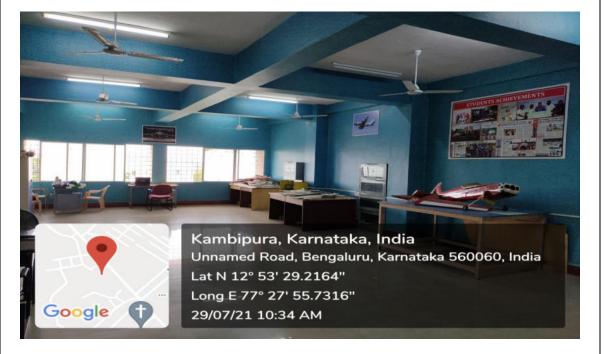
**5.** 

**6.** 

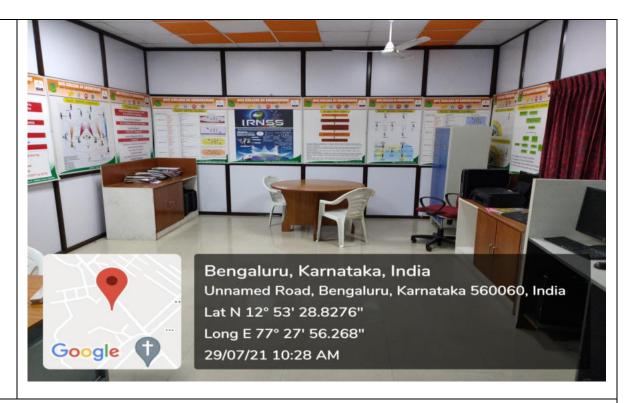
#### FLIGHT SIMULATION LABORATORY



#### **AERO MODELLING LABORATORY**

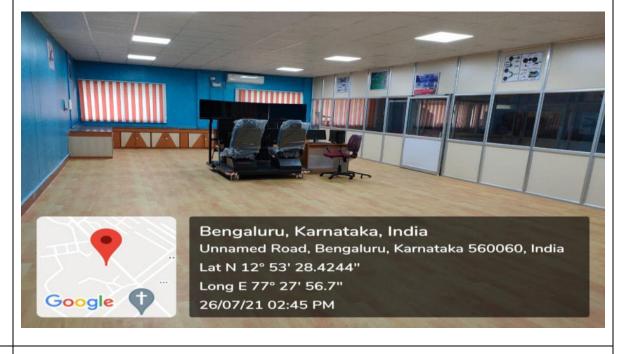


7. IRNSS LAB



#### **AEROSPACE ENGINEERING**

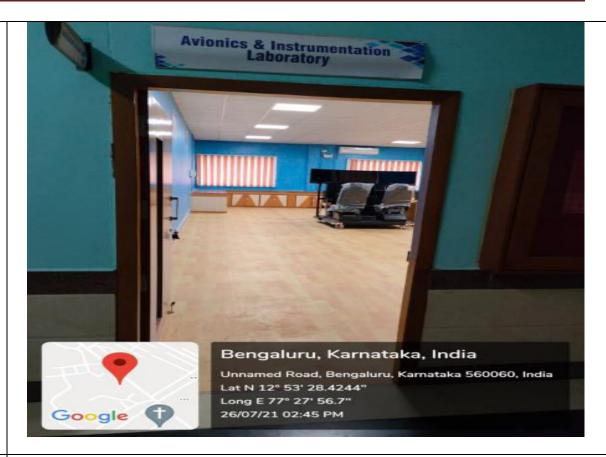
#### **AVIONICS AND INSTRUMENTATION LAB**



9.

8.

**AVIONICS AND INSTRUMENTATION LAB** 



#### PROPULSION LAB (UTM MACHINE)



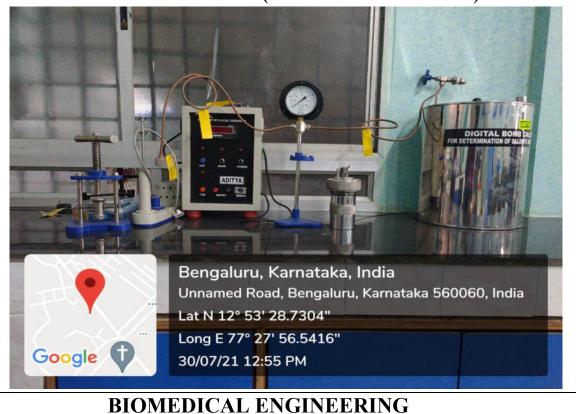
10.

11.

PROPULSION LAB (HOT AIR OVEN)



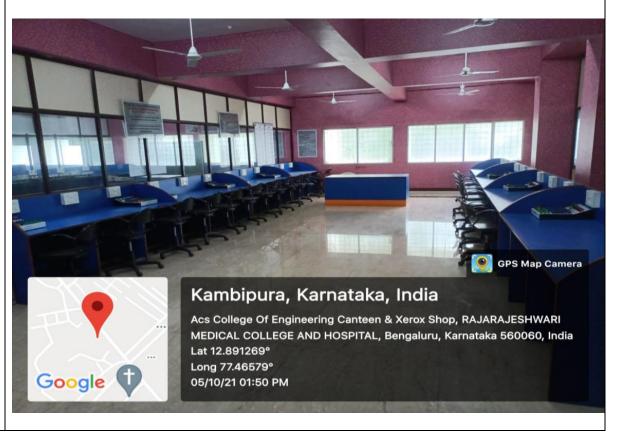
#### PROPULSION LAB (BOMB CALORIMETER)



#### ANALOG ELECTRONIC CIRCUITS LAB



#### DIGITAL DESIGN AND HDL LAB



#### EMBEDDED CONTROLLERS LAB



# BIOMEDICAL TRANSDUCERS AND MEASUREMENTS LAB

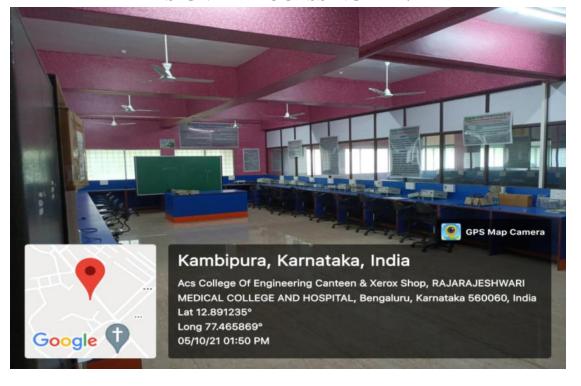


16.

# SIGNAL CONDITIONING CIRCUITS AND DATA ACQUISITION LAB.

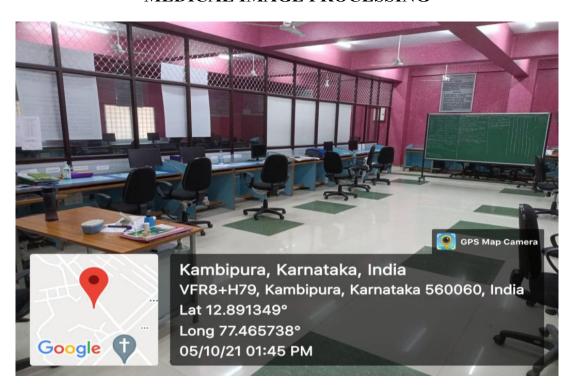


# CLINICAL INSTRUMENTATION AND SIGNAL PROCESSING LAB.



18.

#### MEDICAL IMAGE PROCESSING

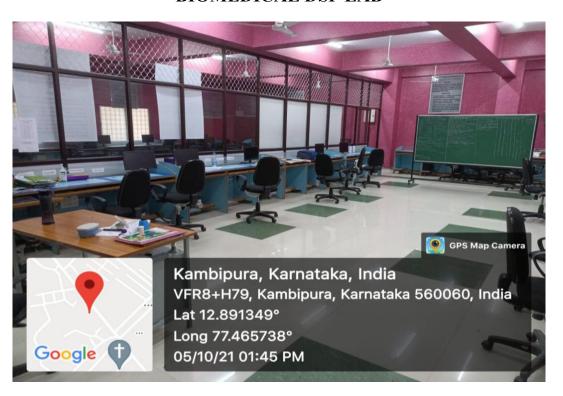


#### **JAVA PROGRAMMING**

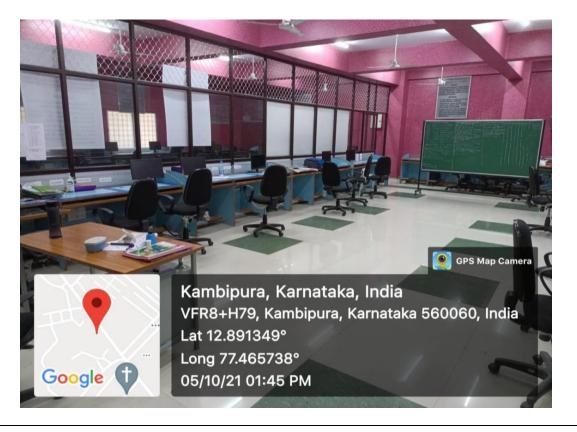


20.

#### **BIOMEDICAL DSP LAB**



#### ARM PROCESSOR LAB



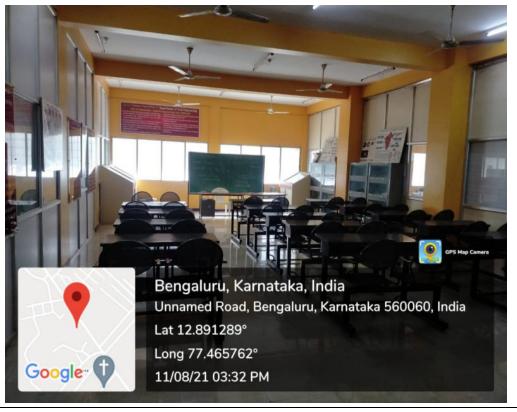
21.

## **CIVIL ENGINEERING**

#### BMT LABORATORY



#### **GEOLOGY LABORATORY**



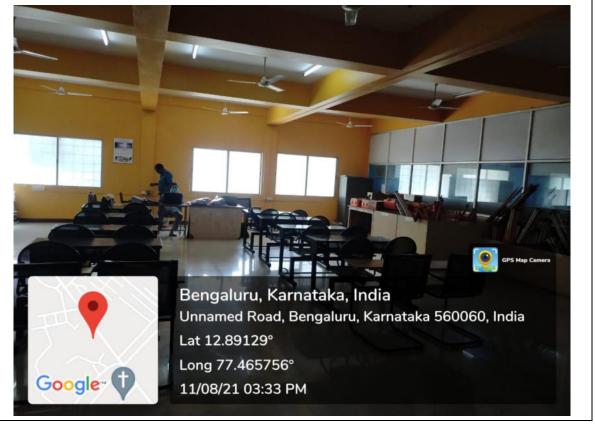
24.



# Kambipura, Karnataka, India VFR8+H6J, Kambipura, Karnataka 560060, India Lat 12.891663° Long 77.465514° 12/08/21 12:33 PM



#### **SURVEY PRACTICE**



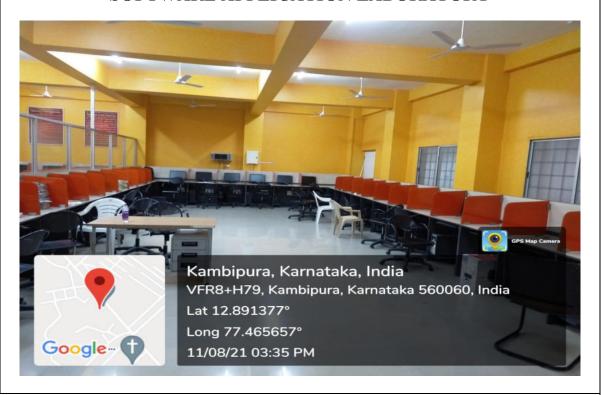
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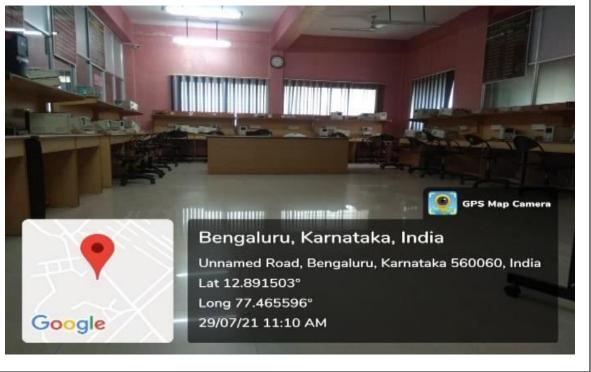


#### SOFTWARE APPLICATION LABORATORY



#### **ELECTRONICS AND COMMUNICATION ENGINEERING**

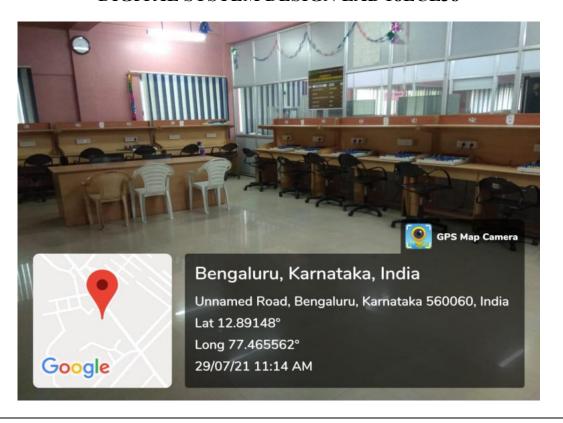
#### ANALOG ELECTRONICS LAB 18ECL 37



**32.** 

# Bengaluru, Karnataka, India Unnamed Road, Bengaluru, Karnataka 560060, India Lat 12.891503° Long 77.465596° 29/07/21 11:10 AM

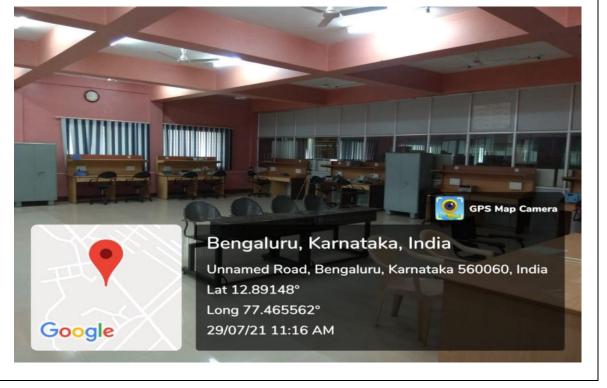
#### **DIGITAL SYSTEM DESIGN LAB 18ECL38**



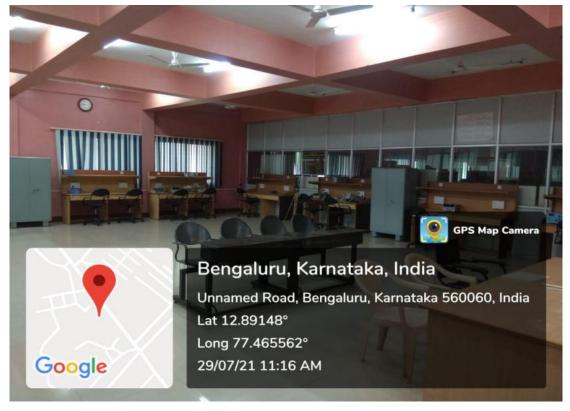
34.



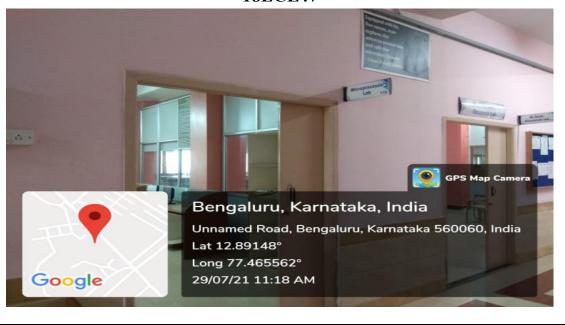




#### ANALOG AND DIGITAL COMMUNICATION 2 LAB 18ECL 67



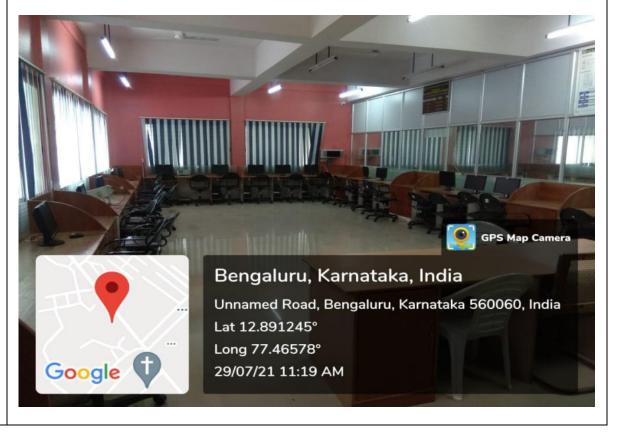
#### MICRO CONTROLLER/ PROCESSOR LAB 18ECL47



38.

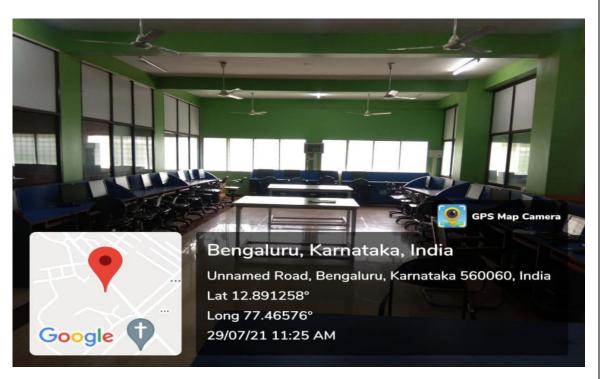
## Bengaluru, Karnataka, India Unnamed Road, Bengaluru, Karnataka 560060, India Lat 12.89148° Long 77.465562° 29/07/21 11:18 AM

#### HDL LAB 18ECL 58

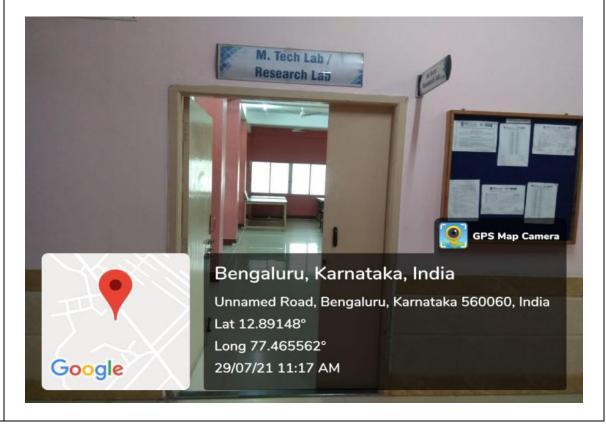


**40.** 

#### ARM AND ESD LAB 18ECL66

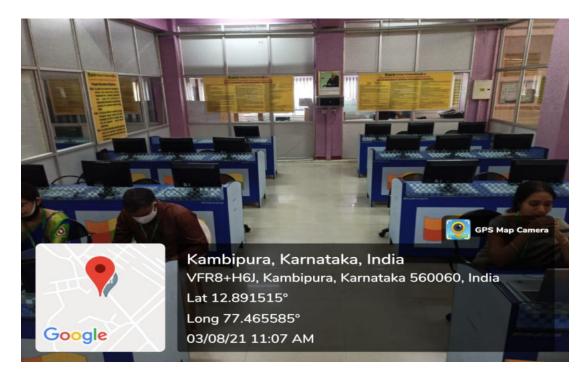


#### **MTECH LAB**



42.

#### MICRO CONTROLLER AND EMBEDDED SYSTEM LAB



## DATA STRUCTURE LAB / DESIGN AND ANALYSIS OF ALGORITHM LAB



44.

## DATABASE MANAGEMENT SYSTEM LAB WITH MINI PROJECT / COMPUTER GRAPHICS LAB WITH MINI PROJECT



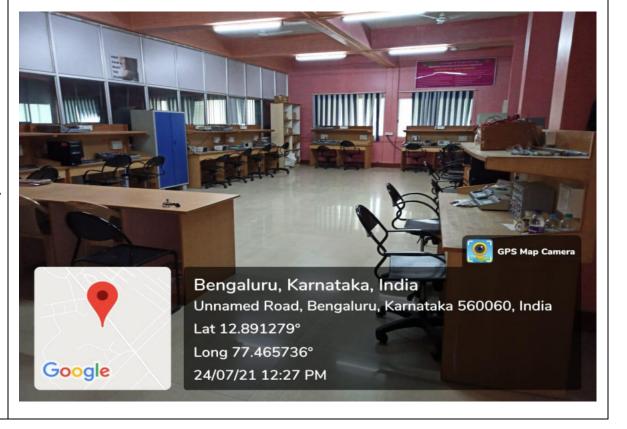
## SYSTEM SOFTWARE AND OPERATING SYSTEM LAB / MACHINE LEARNING LAB



46.



#### ANALOG AND DIGITAL ELECTRONICS



48.

#### MECHANICAL ENGINEERING

#### COMPUTER AIDED ENGINEERING DRAWING LAB



**49.** 

#### COMPUTER AIDED MODELING AND ANALYSIS LAB/



#### **CIM & AUTOMATION LAB**



#### COMPUTER AIDED MACHINE DRAWING



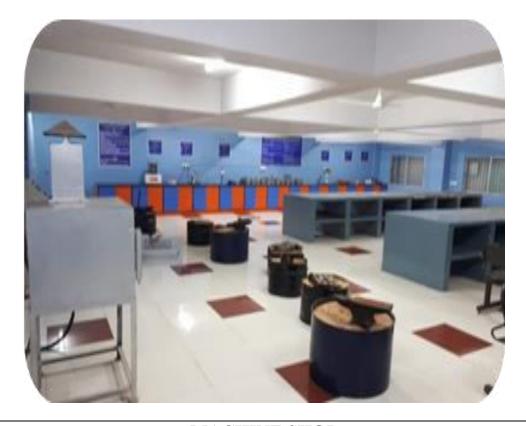
**52.** 

53.

METALLOGRAPHIC & MATERIAL TESTING LAB



FOUNDRY & FORGING LAB



MACHINE SHOP



FLUID MECHANICS LAB



MECHANICAL MEASUREMENTS



METROLOGY LAB



**59.** 

HEAT & MASS TRANSFER LAB

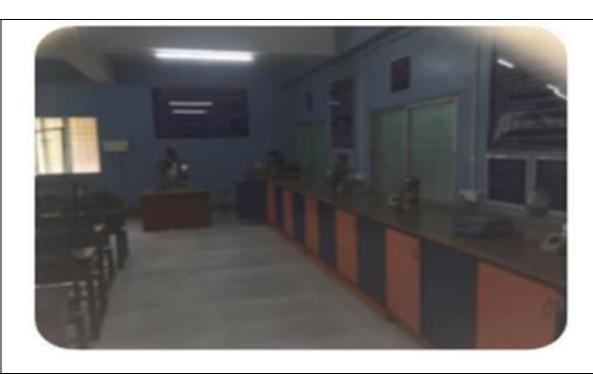


**DESIGN LAB** 



61.

**ENERGY CONVERSION LAB** 



#### BASIC SCIENCE

#### PHYSICS LAB



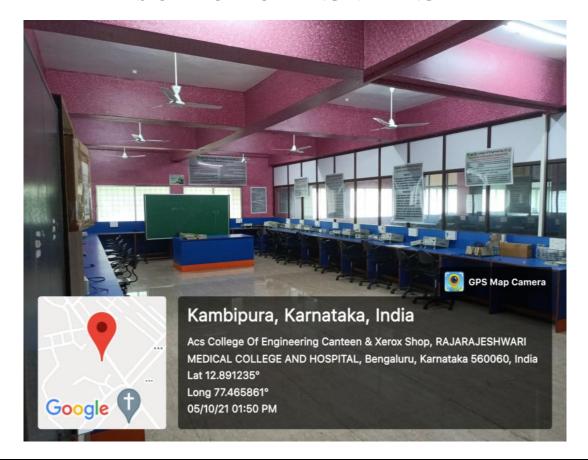
**62.** 

**63.** 

CHEMISTRY LAB



#### BASIC ELECTRICAL ENGINEERING LAB

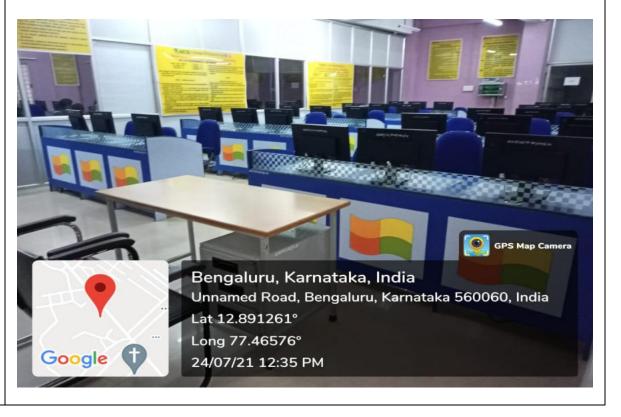


**64.** 

**COMPUTER PROGRAMMING LAB** 



#### CAD LAB













#### SYSTEM DETAILS

		Name of the	Total	Working	Not Working				
S.No	Department	lab	System	System	system	Projector	Printer	Scanner	UPS
1	CSE								
		HOD	3			4	0	0	1
		Lab1/DBA/MP	22			0	0	0	0
		Lab2/WD/DAA	22			0	0	0	0
		Lab3	24		one cpu missing	0	0	0	0
		SS&OS Lab 1&2	60			0	0	0	0
		Seminar Hall	1			0	0	0	0
2	ECE								
		HOD	2			3	2	0	1
		DSP Lab	22			0	0	0	0
		M.Tech							
		research	3			0	0	0	0
		Micro							
		processor	20			0	0	0	0
		VLSI & micro							
		ctrl	20			0	0	0	0
		HDL	18			0	0	0	0
		Prasana cabin	1			0	0	0	0
3	Mechanical								
		HOD	1			3	1	0	1
		CAMP LAB	22			0	0	0	0
		SIM LAB	22			0	0	0	0
		SURESH CABIN	1			0	0	0	0
						0	0	0	0
4	Civil								
		HOD	2			2	3	0	0
		CAD LAB	39			0	0	0	0
		DEPT LIBRARY	1			0	0	0	0











#### SYSTEM DETAILS

		SEMINAR HALL	1		1	0	0	0
		PRANAP CABIN	1		3	0	0	0
5	Bio-Medical	7 10 110 110						
	Dio medica:	HOD	1		1	1	1	1
		BMDSP/MIPLAB	38		0	1	0	0
		DIVIDSI / IVIII EX IB			0	0	0	0
6	EEE	GOUTHAM	1		0	0	0	1
		OTHERS			0	0	0	0
7	Aeronautical	OTTIENS						-
	Acronautical	HOD	2		2+2	1	0	1
		SIMULATION			2.2	_		1
		LAB	20		0	0	0	0
8	Aerospace							
	-	HOD	1		1	1	0	1
		IRNSS	2		0	0	0	0
9	physics							
		HOD	1		1	1	0	1
					0	0	0	0
					0	0	0	0
10	Chemistry							
		HOD	1		1	1	0	1
	MATHS							
		HOD	1		1	1	0	1
11	libraray							
		LIBRARY	26		0	1	1	1
					0	0	0	0
	CAED&CPL							
		LABI	30		0	0	0	0
		LAB II	30		0	0	0	0











#### SYSTEM DETAILS

12	Admin Office							
		ADMIN	9		0	7	2	0
		PRINCIPAL	1+1		0	1	0	1
		ADMISSION I&II	2		0	1	0	0
		EXAM CENTER	4		0	1	0	0
		CTDS	2		0	1	1	1
		R&D	6		0	3	0	0
13	<b>Board Room</b>							
		BOARD ROOM	1		1	1	0	0
14	BASEMENT							
		STORE	1		0	1	0	0
			488					
15	Camera							
	1st floor		7		0	0	0	0
	2nd floor		6		0	0	0	0
	3rd floor		6		0	0	0	0
	4th floor		6		0	0	0	0
	5th floor		6		0	0	0	0
	libirary		6		0	0	0	0
16	basement		0		0	0	0	0
17	CLASS							
		CAMERA	16		0	0	0	0
18	LAB		0					
		CAMERA	25		0	0	0	0
19	OTHERS/ser		29/SYSTEM					
	OTHERS 6TH		100/SYSTEM		0	0	0	0
	TOTAL	TOTAL SYSTEMS	618		26	30	5	13