

CHRIST POLYTECHNIC INSTITUTE RAJKOT



MANDATORY DISCLOSURE

Address: Christ Campus Munjaka, Ishwariya Road
Rajkot-360005

Contact No: 9427164732

Email: info@christpolytechnicrajkot.edu.in

CHRIST POLYTECHNIC INSTITUTE, RAJKOT

Name of the Institute:

Christ Polytechnic Institute
Address: Christ Campus
Munjaka,
Ishwariya Road ,Rajkot-360005

Phone: +91-9427164732

E-mail: dec610owner@gtu.edu.in

Name and address of the Trust/Society/Company and the Trustees:

Rajkot Kelvani Samaj
Bishop's House
Kalawad Road,
Rajkot-360005,
Gujarat, India.

Name and address of Vice Chancellor/Principal/Director:

Fr. Dr. Jomon Thommana
Director
Bishop's House,
Kalawad Road,
Rajkot 360005.
Gujarat, India.
Phone: 9377002220
Email ID: director@christcollegerajkot.edu.in

MRS. NYMPHEA GOGIA

PRINCIPAL
Phone:9825096960

Email: dec610owner@gtu.edu.in

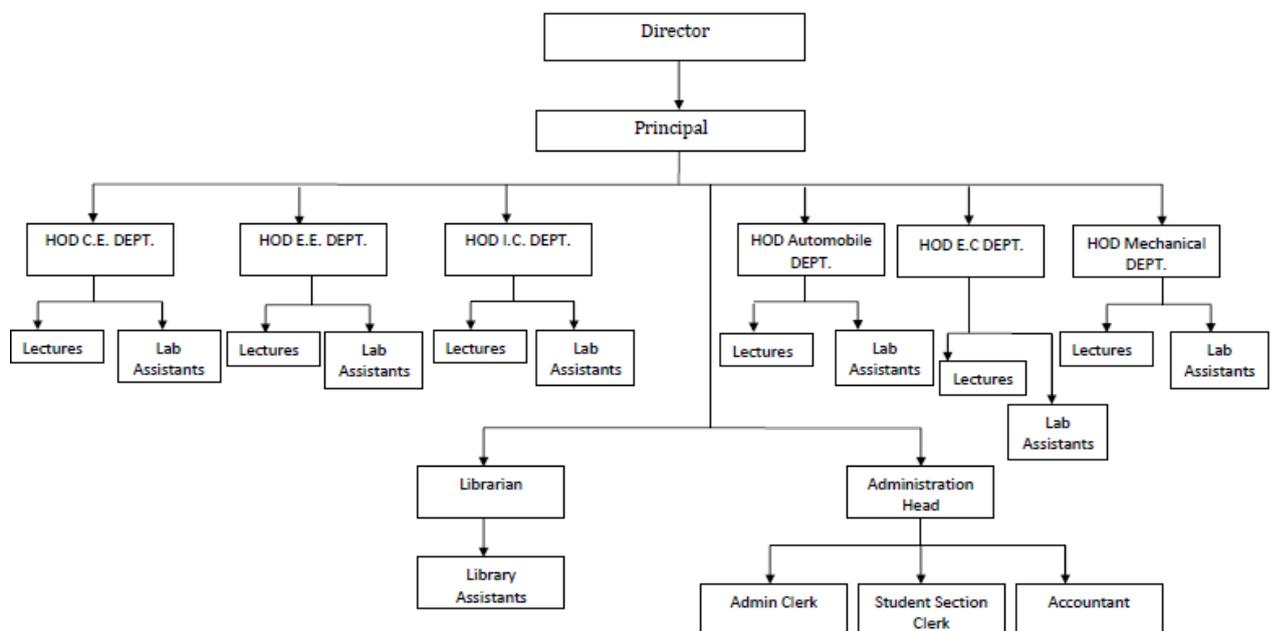
Name of the affiliating University

Gujarat Technological University (GTU), Ahmedabad.

Governance: Members of the board and their brief background

Sr. No.	Name	Designation	E-mail	Age	Father's Name	Resident of
1	Bishop Jose Cherian Chittooparambil	President	rajkotbishop@gmail.com	68	Mr. Cherian	Bishop's House, Rajkot
2	Fr. George Joseph Pendanath	Trustee	jobypendanath@yahoo.co.in	45	Mr. Joseph	Adipur
3	Fr. Thomas Lonappan Nadakkalan	Trustee	thomasnada@yahoo.com	45	Mr. Lonappan	Christ Hospital, Rajkot
4	Fr. Biju Sebastian Parampakath	Trustee	fr.biju@rediffmail.com	47	Mr. Sebastian	Veraval
5	Fr. Jomon Varkey Vattachira	Trustee	jomonvattachira@yahoo.com	44	Mr. Varkey	Bhuj
6	Fr. Sijo Poulouse Vadakumcherry	Trustee	spoulouse@gmail.com	47	Mr. Poulouse	Limbdi
7	Fr. Benny Joseph	Trustee	benny2moon@yahoo.co.in	49	Mr. Joseph	Bishop's House, Rajkot

Organizational chart and processes:



Student Feedback on Institutional Governance/Faculty performance

Sr.No.	Name	Designation
1	Prof. Niraj Trivedi	Convener
2	Ms. Naisargi Dholakia	Member

Grievance Redressal mechanism for Faculty, staff and students

Christ Polytechnic Institute Rajkot has formed Grievance redressal Committee for the prevention, prohibition and redressal of any kind of grievance at work place as per the rules and regulations laid down by AICTE, and DTE Gandhinagar.

Faculty, staff and students may report to GRC members at any time. Any genuine problem related with the day to day working of the college can be addressed to the cell in writing. Request signed by the concerned person bearing his/her full address only will be accepted.

Anonymous letters/request will not be considered in any case. The Committee will look into the genuineness of the matter and necessary steps will be taken to redress the same in the consultation with the principal. The grievance can be directly hand over to the members of the committee

Establishment of Anti Ragging Committee

ANTIRAGGING SQUAD/COMMITTEE

Appointment Order Reference Number:	Anti-Ragging Committee & Squad/CPI/Antiragging/2012-2013	Anti-Ragging Committee & Squad/CPI/Antiragging/2012-2013	Anti-Ragging & Squad Committee/CPI/Antiragging/2018-19/01	Anti-Ragging Committee/CPI/antiragging/2021-22	Anti-Ragging Committee/CPI/antiragging/2021-22	Anti-Ragging Committee/CPI/antiragging/2021-22	Anti-Ragging Committee/CPI/antiragging/2021-22	Anti-Ragging Committee/CPI/Antiragging/2021-22	Anti-Ragging Committee/CPI/Antiragging/2021-22
Date of Appointment:	11/09/2012	21/09/2012	19/06/2018	01/04/2022	01/04/2022	01/04/2022	01/10/2021	01/10/2021	01/10/2021
Name of Committee member/Squad Member:	Mrs. Nympha Gogia	Ms. Hiral Trivedi	Mr. Niraj Trivedi	Mr. N.M. Vyas	Mr. Vishal Chauhan	Fr. Thomas Mathew	Mr. Kalpeshbhai Jadvani	Mr. Kashyap Chavda	Mr. Harsh Chandrani
Committee Designation:	Chair Person	Committee/Squad Member	Committee/Squad Member	Civil/police administration representative	Local media representative	NGO Representative	Parents representative	Senior Student representative	Junior Student representative
Associated with	Teaching	Teaching	Teaching	Civil Services	Media	NGO	Student	Student	Student
Gender:	Female	Female	Male	Male	Male	Male	Male	Male	Male
Contact No:	9825096960	8849410427	9586116970	9624014909	9909039339	9737455580	9408491433	7778811301	9409746304
Email ID:	gnymphea@gmail.com	hiral.trivedi03@gmail.com	nirtrivedi11@gmail.com	nmvyas@rmc.gov.in	vishalchauhan401@gmail.com	thomasmathew411@gmail.com	nikjadvani@gmail.com	kashyapchavda0312@gmail.com	hschandrani@gmail.com

Establishment of Online Grievance Redressal Mechanism:

[Home | Christ Polytechnic Institute Grievance Redressal System – Rajkot \(christpolytechnicrajkot.edu.in\)](#)

Establishment of Grievance Redressal Committee in the Institution**Student & Faculty-Staff Grievance Redressal Committee**

Sr. No	Name	Role
1	Mrs Nympha Gogia	Chairman
2	Mr Niraj Trivedi	Member Secretary
3	Mr Ritesh Patadiya	Member Faculty
4	Ms Maulika Bhatti	Member Faculty
5	Mr Ankit Mehta	Member Faculty

Establishment of Internal Complaint Committee (ICC)

ORDER NO	DATE OF APPT	NAME	PROFESSION
ICCGR001	16/11/19	PARVADIYA HITESH N	MEMBER
ICCGR005	16/11/19	NYMPHEA GOGIA	CHAIRPERSON
ICCGR002	16/11/19	NAISARGI DHOLAKIA	MEMBER
ICCGR003	16/11/19	HIRAL TRIVEDI	MEMBER
ICCGR004	16/11/19	JIGNESH KHARA	MEMBER
ICCGR006	16/11/19	ELIZEBETH SAJI	MEMBER
ICCGR007	13/03/21	DEVANG KUKADIYA	STUDENT
ICCGR010	1/10/21	GORESARA POOJA	STUDENT
ICCGR011	1/10/21	SINDHAV ARJUN	STUDENT

Establishment of Committee for SC/ST

Sr. No.	Name	Role
1	Mrs. Nympha Gogia	CHAIRPERSON
2	Ms. Avani Parmar	MEMBER
3	Mr Jignesh Khara	MEMBER
4	Mr Niraj Trivedi	MEMBER
5	Mr Paresh Vaghasia	MEMBER

Internal Quality Assurance Cell

Sr.No.	Name	Designation
1	Mrs Nympeha Gogia	Chairman
2	Mr Niraj Trivedi	Member Secretary
3	Mr Dhaval Pansuriya	Member
4	Mr Ritesh Patadiya	Member
5	Sr Nimy .K.I	Member
6	Fr(Dr.) Jomon Thommana	Member trust
7	Mr Vyomesh Desai	Expert1
8	Dr Yvonne Fernandes	Member

Programmes:**Programmes approved by AICTE**

ENGINEERINGANDTECHNOLOGY(DIPLOMALEVEL)

a. Status of Accreditation of the Courses

- i. Total number of Courses:06
- ii. No. of Courses for which applied for Accreditation:0
- iii. Status of Accreditation: Not Accrediated

b. Courses details

Name	Number Of seats	Duration	Last year Cutoff Rank of admission	Fee
Electrical Engineering	60	3years	32554	41000INR
Mechanical Engineering	60	3years	42436	41000INR
Electronics& Communication Engg.	30	3years	NA	41000INR
Instrumentation& Control Engg.	60	3years	1024890018	41000INR
Computer Engineering	60	3years	1024890027	41000INR
Automobile Engineering	60	3years	1024890025	41000INR

c. Placement Details:

Academic Year	No. of students placed	No. of students selected for Higher Studies
2019-20	11	35
2020-21	20	30
2021-22	17	40

Faculty:

Please visit: [Staff : Christ Polytechnic Institute - Rajkot \(christpolytechnicrajkot.edu.in\)](http://christpolytechnicrajkot.edu.in)

Sr. No.	Dept	Total
1	EC	4
2	IC	8
3	CE	8
4	EE	8
5	ME	8
6	AE	8

Profile of Principal

- Name: Nympeha Gogia
- Date of Birth: 11/06/1969
- Unique ID: CPIPRIN/EC001
- Education Qualifications: M. Tech. Electronics & Communication
- Work Experience: 29 years
- Teaching: 17 years
- Industry: 12 years (As a Senior production Engineer in Manufacturing of Consumer Electronics products)
- Area of Specialization: Electronics and Communication
- No. of papers published in National/ International Journals/ Conferences: 04
- Setting up of Electronics Manufacturing unit pvt. limited company as a women Entrepreneur
- Technical Training and workshops: 14
- Profile of Faculties other than Principal: <https://www.christpolytechnicrajkot.edu.in/staff/>

Details Regarding fees

Term fees for each semester are collected account head wise as indicated in the following table and the notices regarding this have been published on every six months. All the students are given time of approximately one month to pay the fees.

FEES HEAD	BOYS		GIRLS
	TFWS	Non-TFWS	ALL
	Tuition Fee	0	41000

Details of No. of TFW Students: -

Sr. No.	Admission Year	Branch	No. of Students
1	2019/20 /21	E.C.	0
		I.C.	1
		C.E.	3
		MECHANICAL	0
		AUTOMOBILE	0
		ELECTRICAL	0
		Total	4

Number of scholarships offered by the Institution, duration and amount: -

Sr. No	Scholarship offered by Institution	Duration	Scheme name	Eligibility	Approx. amount
2	National Scholarship Portal	Yearly	Post Metric	Minority	Direct Bank Transfer
3	M.Y. S.Y scholarship	Yearly	Post Metric	80 Percentile for fresh 50 percentiles for renewal	Direct Bank Transfer 3,000/- for sadhansahay (once in course) 12,000 for Food bill.
4	Digital Gujarat		Separate file has attached for scheme		

SCHOLARSHIP SCHEME DIGITAL GUJARAT 2020-21
(FOR MORE DETAILS REFER TO DIGITAL GUJARAT WEBSITE)

CATEGORY	SCHEMENAME	INCOME LIMIT	BOY OR GIRL	INFORMATION
S. T.	Umbrella Scheme for Education of ST Students Post-Matric Scholarships (VKY-6.1)	Rs. 2. 50 Lacs	BOTH	Education and maintenance charge
	Post-Matric Scholarship For girls (Having annual family income more than 2.50 Lac) (VKY-6)	No Limitation	Only Girls	Education and maintenance charge
	Financial Assistance to Purchase of Instruments and other Stationary for Medical and Engineering Students (VKY-7)	Rs. 2. 50 Lacs	BOTH	Rs. 5000/- (For First year student who have purchased stationary items and having G.S.T bill of stationary of rs.5000)
	Financial Assistance for 12th passed out S.T. student for the purchase of Tablet. (VKY -16)	No Limitation	Both	Rs. 1000/- (For students who have received tablet by paying rs. 1000)
	BCK78(Post-Matric Scholarship For girls)	No Limitation	Only Girls	Education and maintenance charge

MANDATORY DISCLOSURE

S.E.B.C.	BCK 80 (Financial Assistance to Purchase of Instruments and other Stationary for Medical And Engineering Students)	Rs. 2. 50 Lacs	BOTH	Rs. 5000/- (For First year student who have purchased stationary items and having G.S.T bill of stationary of rs.5000)
	BCK 81 A (POST MATRIC SCHOLARSHIP)	Rs. 2. 50 Lacs	BOTH	Education and maintenance charge
	BCK81(POSTMATRICSCHOLARSHIP)	1,20,000 (village) &1,50,000 (city)	Only Boys	Education and maintenance charge
	Tablet Assistance Scheme	No Limitation	Both	Rs. 1000/- (For students who have received tablet by paying rs.1000)
E. B.C	Dr. Ambedkar Post Matric Scholarship	Rs. 2. 50 Lacs	Both	Education and maintenance charge
S.C.	Post Matric Scholarship for SC Students (GOI)(BCK-6.1)	Rs. 2. 50 Lacs	Both	Education and maintenance charge
	Instrumental Help to SC Students (Medical, Engineering, Diploma Students Only) (BCK-12)	Rs. 2. 50 Lacs	BOTH	Rs. 5000/- (For First year student who have purchased stationary items and having G.S.T bill of stationary of rs.5000)
	Post Matric Scholarship for SC Girls Students Only (Having annual Family Income Between 2.50 to 6.00 Lac) (State Government Scheme) (BCK-5)	Rs. 2.50 lacs to Rs. 6 Lacs	Only Girls	Education and maintenance charge
	Tablet Assistance to SC Students (BCK-353)	No Limitation	Both	Rs. 1000/- (For students who have received Tablet by paying Rs.1000)

Admission

Number of seats sanctioned with the year of approval

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 20-21	Intake Approved for 20-22	NRI Approval Status	PIO /FN/ Gulf quota/OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	DIPLOMA	MECHANICAL ENGINEERING	Gujarat Technological University, Ahmedabad	60	60	No	No
ENGINEERING AND TECHNOLOGY	DIPLOMA	AUTOMOBILE ENGINEERING	Gujarat Technological University, Ahmedabad	60	60	No	No
ENGINEERING AND TECHNOLOGY	DIPLOMA	COMPUTER ENGINEERING	Gujarat Technological University, Ahmedabad	60	60	No	No
ENGINEERING AND TECHNOLOGY	DIPLOMA	ELECTRONICS & COMMUNICATION ENGG	Gujarat Technological University, Ahmedabad	30	30	No	No

MANDATORY DISCLOSURE

ENGINEERING AND TECHNOLOGY	DIPLOMA	INSTRUMENTATION & CONTROL ENGINEERING	Gujarat Technological University, Ahmedabad	60	60	No	No
ENGINEERING AND TECHNOLOGY	DIPLOMA	ELECTRICAL ENGINEERING	Gujarat Technological University, Ahmedabad	60	60	No	No

Number of Students admitted under various categories each year in the last three years

2019-20

Level of Edu./ Courses	Year	Intake	*All Students			Sch. Caste			Sch. Tribe			S.E.B.C.			P.H.		
			B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
E.C.	I	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I.C.	I	60	9	0	7	1	0	1	0	0	0	1	0	1	0	0	0
C.E	I	60	31	14	45	0	0	0	0	0	0	5	1	6	0	0	0
MECH	I	60	3	0	3	2	0	2	0	0	0	0	0	0	0	0	0
AUTO.	I	60	6	0	6	0	0	0	1	0	1	1	0	1	0	0	0
ELE.	I	60	4	0	4	2	0	2	0	0	0	0	0	0	0	0	0

2020-21

E.C.	I	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I.C.	I	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C.E	I	60	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
MECH.	I	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUTO.	I	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELE.	I	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2021-22

E.C.	I	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I.C	I	60	5	0	5	0	0	0	1	0	1	0	0	0	0	0	0
C.E.	I	60	37	14	51	3	2	5	0	0	0	6	1	7	0	0	0
MECH.	I	60	2	0	2	1	0	1	0	0	0	1	0	1	0	0	0
AUTO.	I	60	4	0	4	0	0	0	0	0	0	1	0	1	0	0	0
ELE.	I	60	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0

Number of applications received during last two years for admission under Management Quota and number admitted: 06

Admission Procedure

Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)

-Admission is based on 10th standard merit marks of subject Mathematics, science and English and website is <http://www.acpdc.co.in>

Calendar for admission against Management/vacant seats

**CHRIST POLYTECHNIC INSTITUTE RAJKOT**Christ Campus, Vidya Niketan, Saurashtra University P. O.
Rajkot-360 005, Gujarat, India.**ADVERTISEMENT FOR ADMISSION IN MANAGEMENT QUOTA SEATS**

Branch	Shifts	Seats
Computer Engineering	1 st	06

ADMISSION OPEN

- Mechanical Engineering
- Automobile Engineering
- Electrical Engineering
- Instrumentation and Control Engg.

REGISTRATION FOR**MQ SEATS :- 01/10/21 TO 06/10/21****MERIT DECLARATION AND ADMISSION****CONFIRMATION:- 14/10/21****Director, Christ Polytechnic Institute, Rajkot****સંપર્ક : 9586116970, 9825096960**Website : www.christpolytechnicrajkot.edu.in
Email : dec610owner@gtu.edu.in

લભામ બ્રાંચમાં
આકર્ષક સ્કોલરશીપ
ઉપલબ્ધ

Criteria and Weightages for Admission

-Admission is based on 10th standard merit marks of subject Mathematics, science and English and website is <http://www.acpdc.co.in>

List of Applicants

List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats.

Annexure-

B- MQ

<i>First Year Diploma Engineering Management Quota Admission Year 2021-22</i>						
Admitted List for Computer Engineering Branch on Management Quota Seats						
Branch Name			Computer Engineering			
Sr. No.	Inter-Se Merit No	Application Number	ACPDC Merit No (If generated by ACPDC)	Name of the Candidate (as per ACPDC Registration)	Category (Open)	Gender (M/F)
1	1	FYMQ001	NA	DAVDA RONAK KAMLESH	OPEN	M
2	2	FYMQ003	NA	GORSERA POOJA BHIMBHAI	OPEN	F
3	3	FYMQ004	NA		OPEN	F

				CHAUHAN STUTI DILIPBHAI		
4	4	FYMQ002	NA	SOLANKI PULKITJITENDRABHAI	OPEN	M
5	5	FYMQ005	NA	JADIYA RAJ PARESHBHAI	OPEN	M
6	6	FYMQ006	NA	NAKUM ANISHA RAJENDRA	OPEN	F

As merit list is generated centrally for all the diploma seats of the state, the merit is available with admission committee, it is a centralized merit list.

In all categories of Admissions merit is generated through ACPDC software

Results of Admission under Management seats/Vacant seats

Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)



Date: 20/9/21

LOCAL ADMISSION COMMITTEE 2021-22

The following local admission committee has been formed for the Management Quota Admissions 2021-22 in Diploma Courses run at Christ Polytechnic Institute, Rajkot. The members will carry out all the procedures to fill up the 06 seats of Computer Engineering as Management Quota (Morning Shift) as per the guidelines issued by ACPDC, Ahmedabad.

- | | |
|---|----------|
| 1. Fr.(Dr.) Jomon Thommana
Director, C.P.I.,Rajkot | Chairman |
| 2. Mrs. Nympha Gogia
Principal, C.P.I., Rajkot | Member |
| 3. Mr. Niraj Trivedi
H.O.D IC Dept, C.P.I., Rajkot | Member |

Director
Christ Polytechnic Institute, Rajkot

Score of the individual candidate admitted arranged in order or merit*First Year Diploma Engineering Management Quota Admission Year 2021-22***Inter-se Merit List for Management Quota including CANDIDATES**

Institute code & Name

CHRIST POLYTECHNIC INSTITUTE RAJKOT(610)

Inter-Se Merit No	ACPDC Merit No (If generated by ACPDC)	Merit marks	Application Number	Name of the Candidate	category (MQ)	category merit no
1	NA	183	FYMQ001	DAVDA RONAK KAMLESH	MQ	OP-1
2	NA	169	FYMQ003	GORSERA POOJA BHIMBHAI	MQ	OP-2
3	NA	161	FYMQ004	CHAUHAN STUTI DILIPBHAI	MQ	OP-3
4	NA	129	FYMQ002	SOLANKI PULKIT JITENDRABHAI	MQ	OP-4
5	NA	121	FYMQ005	JADIYA RAJ PARESHBHAI	MQ	OP-5
6	NA	118	FYMQ006	NAKUM ANISHA RAJENDRA	MQ	OP-6

Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate

NIL

List of the candidate who joined within the date, vacancy position in each category before operation of waiting list

There is no waiting list

Information of Infrastructure and Other Resources Available INSTRUCTIONAL AREA

Sr. No.	Room Type	Total No.	Total Area
01	Class Room	14	925
02	Laboratory	33	2272
03	Tutorial Room	6	146
04	Drawing Hall	1	132
05	Computer Centre	1	150
06	Seminar Hall	1	140
07	Workshop	1	240
08	Library & Reading Room	2	450
09	Additional Workshop	1	150
10	Language Laboratory	1	69
Grand Total		61	4674

ADMINISTRATIVE AREA

Sr. No.	Room Type	Total No.	Total Area
01	Faculty Room	7	284
02	Department Office	5	102
03	Cabin for Head of Department	5	51
04	Central Store	2	30
05	Board Room	1	30
06	Housekeeping	1	10
07	Exam Control Office	1	32
08	Main Admin Office	1	168
09	Maintenance	1	10
10	Pantry for Staff	1	10
11	Placement Office	1	50
12	Principals Room	1	32
13	Reception	1	30
14	Security	1	10
Grand Total		29	849

AMENITIES AREA

Sr. No.	Room Type	Total No.	Total Area
01	Toilet (Gents + Ladies)	09	160
02	Stationary Store	01	10
03	Cafeteria	01	150
04	First Aid Sick Room	01	16
05	Girls Common Room	01	100
06	Boys Common Room	01	100
Grand Total		14	536

TOTAL AREA
(INSTRUCTIONAL + ADMINISTRATIVE + AMENITIES + CIRCULATION)

SR. NO.	AREA TYPE	TOTAL AREA.
01	INSTRUCTIONAL AREA	4674
02	ADMINISTRATIVE AREA	849
03	AMENITIES AREA	536
04	CIRCULATION AREA	1710
TOTAL AREA		7769

On line examination facility (Number of Nodes, Internet bandwidth, etc.)

The Number of Nodes is 250. The Nodes suitable for online examinations are considered. The CWAN-Campus Wide Area Network provides the Internet facility with 100 MBPS/KN Link. The CWAN is set up with 700+ Wired IO Ports and 47 Wireless Access Points throughout the institute: including Library, Centre of Excellence and Hostels.

The institute has WIFI facility

Barrier Free Built Environment for disabled and elderly persons

Ramps are provided for easy access in toilets too.

Occupancy Certificate

Rajkot Municipal Corporation, it has been uploaded on AICTE AND UNIVERSITY PORTAL

Fire and Safety Certificate

Institute has required numbers of fire extinguishers and hose pipe; The Institution has uploaded valid Fire Safety Certificate issued by the Competent Authority.

Hostel Facilities

Sr. No.	Name of Hostel	No. of Rooms	Capacity
1	Girls Hostel	30	150

Library

Number of Library books/Titles/Journals available (Programme-wise)

Sr no	Programme name	No. of books
1	TOTAL	8750

List of online National/International Journals subscribed

Name of the Journal	
Sr. No.	Name of the Serial
1	Journal on Software Engineering
2	Journal on Electrical Engineering
3	Journal on Electronics Engineering
4	Journal on Mechanical Engineering
5	Journal of Computer Science
6	Journal on Instrumentation & Control Engineering
7	IUP Journal of Mechanical Engineering
8	Lighting India
9	Journal of Instrumentation Society of India
10	Electronics for You
11	Digit
12	BBC knowledge
13	BBC Top Gear
14	Overdrive
15	Latest Facts in general knowledge
16	Safari
17	Tell me why
18	Science Reporter

E-Library facilities: Not Available

National Digital Library (NDL) subscription details:

Club Registration no:74ce5241-d4fc-40b7-b339-ab88307bdb56

Laboratory and Workshop**List of Major Equipment/Facilities in each Laboratory/Workshop**

Course	Name of the Laboratory	Lab/Major Equipment
Computer Engineering	C, C++, JAVA, ADBMS, DBMS, CM, CN, WDD, FOSD, PROJECT, PHP, .NET, SWPD	DELL PC, LENOVO PC, ASSEMBLED PC, PRINTERS, UNINTERRUPTED POWER SUPPLY
Electronics & Communication Engineering	Mobile Communication	Phone Trainer (ST-2132) No. 3
Electronics & Communication	Microwave Engineering	MICROWAVE Test Bench with

Engineering		other Accessories (MT-9001)
Electronics & Communication Engineering	Consumer Electronics	ADTRON 6027 PA SYSTEM
Electronics & Communication Engineering	Fiber Optics Communication	Fiber Optics Trainer (ST-2501)
Electronics & Communication Engineering	Microcontroller	8051-microcontroller Trainer Kit With LCD display + Keyboard+ PS Cables
Electronics & Communication Engineering	TTA	Automatic Telephone (AT) Exchange/EPABX Trainer (ST-2657)
Electronics & Communication Engineering	Microprocessor	8085 UP-Trainer KIT (DYNA-85) 8085 UP-Trainer KIT (DYNA-85L)
Electrical Engineering	EIM	Maxwell's Bridge, Schering Bridge (AB-13), Inductance Bridge (AB-59)
Electrical Engineering	IE	Study of TRIAC & AC Phase Control (PET-404) Study of SCR & AC Phase Control with Power Supply (PET-402) Forced Commutated Circuits with Power Supply (PET-429) Universal Motor Speed Control with Power Supply & Motor (PET-412)
Electronics & Communication Engineering	PCE	DSB/SSB AM Receiver Trainer (ETB-234) Frequency Modulation & Demodulation with Power Supply (ETB-98) DSB/SSB AM Receiver Trainer (ETB-232)
Electronics & Communication Engineering	Digital Communication	PAM Modulator & Demodulator with Power Supply (ETB-112) PWM Modulator & Demodulator with Power Supply (ETB-113) PPM Modulator & Demodulator with Power Supply (ETB-114) FSK Modulator & Demodulator with Power Supply (ETB-206) ASK Modulator & Demodulator with Power Supply (ETB-208) Digital Time Division Multiplexing with Power Supply (ETB-211)
Instrumentation & Control Engineering	Digital Techniques	D/T Flip-Flops (MODEL-N4) JK Flip-Flops (MODEL-N5) 4-bit Binary Shift Register (MODEL-N20) Analog to- Digital Converter (MODEL-N32)
Instrumentation & Control Engineering	Analog Electronics	CRO – 20 MHz with Curve Tracer 1 MHz Function Generator Forward & Reverse Biased V/I-Characteristics of a PN-junction diode Forward & Reverse Biased V/I-Characteristics of a Zener diode Operation of Half-Wave & Full-Wave Rectifier Operation of C, CRC, CLC Filter Circuits Operation of different types of

		Clipper Circuits Operation of different types of Clamper Circuits Operation of Half-Wave & Full-Wave Voltage Doubler Circuits Characteristics of Different types of LEDs Characteristics
Electrical Engineering	EN	Network Theorems (MODEL-A3) Maximum Power Theorem (MODEL-A4) Series Resonance (MODEL-B3) Parallel Resonance (MODEL-B4)
Electronics & Communication Engineering	Television Engineering	Colour Pattern Generator (ST-2670) Colour TV Trainer (ST-2651)
Instrumentation & Control Engineering	BMI	E.C.G. Simulator (ST 2352) Electro Encephalograph Trainer (ST-2355)
Instrumentation & Control Engineering	PLC	PC, Programmable Logic Controller Trainer (ST-2401 A)
Instrumentation & Control Engineering	PI-II	Electronic Level Controller Demonstration Unit with Pump Measurement and Control of Temperature using RTD Probe Measurement of Pressure using Pressure Transducer
Instrumentation & Control Engineering	CIS	Open Loop Control System Closed Loop Control System Open Loop Control System
Instrumentation & Control Engineering	CC	LVDT Module, Inductive Pick-Up Module Speed Measurement Pick Up Module Force Measurement Pick Up Module Piezo Electric Pick-Up Module Strain Gauge Module
Instrumentation & Control Engineering	IT	Measurement and Control of Temperature using RTD Probe Measurement of Pressure using Pressure Transducer Pressure built up & release facility for above model Potentiometer Conductivity Meter
Instrumentation & Control Engineering	AI	Measurement and Control of Temperature using RTD Probe Measurement of Pressure using Pressure Transducer Pressure built up & release facility for above model Potentiometer Conductivity Meter
Electrical Engineering	SGP	LABINSTANTENOUS RELAY,CONTROL RELAY,AUXILLARY RELAY.TRIPPING RELAY,DEFINITE TIME RELAY,LOCAL ,BREAK UP RELAY,OVER CURRENT INVERSE RELAY,ACB MOTORISED TYPE L&T,MCCB 15AMPS,BUCHHOLZ RELAY
Electrical Engineering	EIM	Body tester ,motorized 60 kv ,with accessories

Electrical Engineering	EM	Speed control of motor, characteristics of generator, DC generator set, Transformer
Electrical Engineering	Electrical Workshop	Analog megger, Analog earth tester, clip on meter, multimeters, megger meter
Mechanical/Automobile Engineering	Workshop	AUTOMOBILE WORKSHOP PLATE MACHINE, DRILLING MACHINE, GRINDER, BENCH VISE, SPANNER AND PIPE WRENCH, PLIERS, WIRE STRIPPERS, FILES, DIAL VERNIER, MICROMETER, TAPE SET DIE SET, C CLAMP WELDING MACHINE, MAGNETIC V BLOCK
Mechanical/Automobile Engineering	Workshop	UNIVERSAL MACHINE VICE, OXYGEN ACETYLENE REGULATOR AND TORCH, T BAR CRAMP, BENCH VISE, ANVIL, SWAGE BLOCK, GRANITE SURFACE PLATE, CAST IRON SLOTTED AND WEBBED ANGLE PLATE, STEEL V BLOCK.
Mechanical/Automobile Engineering	F.O.M.E.	MODELS OF BAB COCK WILCOX BOILER, COCHRAN BOILER, MODEL OF BELT PULLEYS, BELT DRIVE LOOSE AND FAST, UNIVERSAL COUPLING, CONICAL FRICTION CLUTCH, CENTRIFUGAL CLUTCH, SECTIONAL MODEL OF 4 STROKE PETROL ENGINE
Mechanical/Automobile Engineering	AM	SIMPLE SCREW JACK, DOUBLE PURCHASE CRAB, SINGLE PURCHASE CRAB, DIFFERENTIAL AXEL AND WHEEL, PARALLEL FORCE APPARATUS, UNIVERSAL FORCE TABLE
Mechanical/Electrical Engineering	B.O.C.E.	METRIC CHAIN 10 M, RANGING ROD, MAGNETIC COMPASS, WOODEN PEGS, PRISMATIC COMPASS, PLUMB BOB, DUMPY LEVEL, BUBBLE TUBE LEVEL, OFF SET ROAD, WOODEN MALLET, TELESCOPIC STAFF, SOLID STAFF, STEEL ARROW
Mechanical/Automobile Engineering	ED	MD48 CHARTS RELATED TO SUBJECTS IN AUTOMOBILE AND MECHANICAL
Mechanical Engineering	FM	FLUID MECHANICS FMC001, REYNOLDS APPARATUS,

		CENTRIFUGAL PUMP TEST JIG WITH VARIABLE SPEED, RECIPROCATING PUMP TEST JIG WITH VARIABLE SPEED, HYDRAULIC PRIME WITH PELTON WHEEL TEST JIG
Automobile Engineering	Auto Lab	LABCAR PARTS AND ACCECORIES
Automobile Engineering	A.T.M.	TRANSMISSION SHAFT, CLUTCH PLATE, BRAKING SYSTEM, WHEELS AND TYRES
Mechanical Engineering	Workshop Technology	TECHNOLOGYLATHE MACHINES MILLING MACHINE DRILLING MACHINE JIGSAW MACHINE
Automobile Engineering	A.E.	CROSS SECTION MODEL OF TWO STROKE PETROL ENGINE, FOUR STROKE PETROL/DIESEL ENGINE CARBURETTOR CROSS SECTION MODELS

Number and configuration of System

Total Number of Computers: 300

Major software packages available

- 1 Windows 7 OS (Win PRO) 7 ACDMC System Software LATEST VERSIONFQC – 02312 (Multi User)
- 2 Win Server 7 NL ACDMC System Software LATEST VERSIONGJC – 00378 (Multi User)71504
- 3 Windows Office Pro Plus 2007 ACDMC Application Software LATEST VERSION79P - 00360 (Multi User)
- 4 Windows Visual Pro 2008 ACDMC Application Software LATEST VERSIONC5E – 00340 (Multi User)
- 5 Win SVR Standard ACDMC System Software LATEST VERSIONP73 – 04966 (Single User)
- 6 Win SVR Cal 2008 ACDMC System Software LATEST VERSIONR18 – 02639 (Multi User)10624

Orell Digital Language Lab
Campus ERP

Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops etc.)

Teams: At present, online academic activities are conducted through Microsoft Teams and Zoom Platform with individual accounts of all faculties and students. Microsoft Teams and Zoom Platform is also being used to conduct various meetings for the faculties.

Webinars: Various Seminars, Online workshops, academic, and motivational webinars are being organized through Zoom, Google Meet, YouTube Live and Facebook Live.

Facilities for conduct of classes/courses in online mode (Theory & Practical)

We have sufficient number of smart classes to conduct on line classes as well as practicals

Innovation Cell**INNOVATIVE CLUB**

As per the AICTE norms and GTU Directive, Innovation cell has been formed by the institute to encourage students for working on innovative projects in their User defined project and Industrial defined projects. MOUs has been done with reputed industries in Rajkot to facilitate our students so that they get the platform to work.

NAME	PROFESSION
NYMPHEA GOGIA	PATRON
PAYAL KAPADIYA	MEMBER
HIRAL TRIVEDI	MEMBER
ANKIT MEHTA	MEMBER
DARSHAN GOSWAMI	MEMBER
LATHIYA ANKIT	STUDENT IC
KASHYAP CHAVDA	STUDENT COMPUTER
VALA RAHUL	STUDENT MECH

The orders have been given to each committee member and consent form has been acknowledged by all committee members

Social Media Cell**MEDIA CELL**

As prescribed, the institute has a social media cell and social media sites where the achievements and upcoming events are posted on a regular basis.

NAME	ROLE
NIRAJ TRIVEDI	MEMBER
MEHUL VAGHELA	MEMBER

The links of institute's various social media access are as below:

Facebook: <https://www.facebook.com/christ.placement>

Instagram: [Christ Polytechnic Institute \(@cpirajkot\) • Instagram photos and videos](#)

YouTube Channel: https://youtube.com/channel/UCKPnG1N_pbfH-mgoGWomZCQ

MANDATORY DISCLOSURE

Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDMI Institutions and University Departments

Not Applicable

List of facilities available

Games and Sports Facilities

Cricket ground

Volley ball court

Badminton Court

Table Tennis

Basketball Court

Facilities for Extra-Curricular Activities

- . Auditorium-capacity 250 seat including PA system and Projector with big screen.
- . open Auditorium with a capacity of 1500

Activities at Campus:

- TECHNOSPARK 2020 A TECHNICAL EVENT 2/29/2020
- FELICITATION 4/11/2020
- FDP Use of ICT IN TEACHING AND LEARNING PROGRAM 12/31/2020
- Seminar: ELECTRIC POWER STATION 7/17/2020
- Seminar: ELECTRIC SUB STATION 9/3/2020
- Workshop: GEOMETRIC MODELLING IN UNIGRAPHICS NX 1/20/2021
- Seminar: EMERGING TECHNOLOGIES 2/5/2020
- Seminar: DIGITAL SKILLS AND IBM SKILL PLATFORM 2/2/2021
- External Talk: ARTIFICIAL INTELLIGENCE 5/19/2020
- Seminar: DIGITAL MARKETING 5/20/2020
- Workshop: Gujarat Energy Development Agency 2/26/2021
- Womens day 3/8/2021
- Webinar: Workshop on Embedded Systems 3/12/2021
- Quiz Competition on Engineers Day 9/15/2021
- QUIZ o MANIA 9/25/2021
- Workshop: Roof top solar and Surya 10/9/2021
- INDUCTION PROGRAMME: 9/30/2021
- External Talk: EXTERNAL TALK ON ORIENTATION 9/29/2021
- Seminar: E NATIONAL LEVEL AWARENESS PROGRAMME 11/25/2021
- POSTER PRESENTATION 12/4/2021
- External Talk: EXPERT TALK ON "Career in Electrical Vehicle Technology" 12/1/2021
- Webinar: IoT 2/5/2021
- Webinar: Solar Ambassador Kick Off Session V2 2/12/2022
- Workshop: Machine Learning Unleashed 3/25/2022
- Workshop: IoT & Robotics 3/31/2022
- State Level Techfest: Technospark'22 on 4/9/2022

MANDATORY DISCLOSURE

Soft Skill Development Facilities

Language Laboratory

1	Departmental level	WORKSHOP ON AUTOMATION
2	Department level	STTP CUM WORKSHOP ON PLC/SCADA
3	Department level	WORKSHOP ON AUTOMATION
4	Department level	WORKSHOP ON AUTOMATION PROLIFIC
5	Department level	AUTOMATION WORKSHOP
6	Department level	AUTOMATION WORKSHOP
7	Department level	WORKSHOP ON AUTOMATION PROLIFIC
8	Department level	FDP TECHNICAL
9	Department level	SOFTWARE TRAINING
10	Department level	AUTOMATION TRAINING
11	Department level	ROBOTICS WORKSHOP
12	Department level	CAD CAM WORKSHOP
13	Department level	ADVANCE 3D CAD MODELLING WORKSHOP
14	Department level	SEMINAR BY PROLIFIC FOR MECHANICAL STUDENTS
15	College level	PARTICIPATION IN SMART

MANDATORY DISCLOSURE

HACKATHON

16	College level	AUTOMATION WORKSHOP FOR ELECTRICAL STUDENTS
17	College level	WORKSHOP BY POSSIBLE AUTOMATION
18	College level	GUJARAT ENERGY DEVELOPMENT AUDIT
19	College level	WORKSHOP BY IIT INNOVATION CELL
20	College level	GUJARAT ENERGY DEVELOPMENT AUDIT
21	College level	WORKSHOP ON ANDRIOD
22	College level	GUJARAT ENERGY DEVELOPMENT AUDIT
23	Department level	Skill Development Programme on Hybrid Vehicle, Ser
24	Department level	skill development on computer basics
25	College level	ENERGY CONSERVATION PROGRAMME
26	College level	workshop on Surya Roof top solar

Teaching Learning Process

Step 1: Prior Knowledge.

Step 2: Presenting new material.

Step 3: Challenge.

Step 4: Feedback.

Step 5 Repetition.

Curricula and syllabus for each of the Programmes as approved by the University

Latest updated copy of university syllabus available on <http://syllabus.gtu.ac.in/>

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Academic Calendar of the University

Latest updated copy of university academic calendar available on

<https://www.gtu.ac.in/AcademicCal.aspx>

Teaching Load of each Faculty

Each faculty member of the institute is given the teaching load as per the AICTE and GTU Norms

COMPUTER DEPARTMENT						
SEMESTER - 2						
SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
4300005	Physics	2nd	3	0	2	4
4300016	Indian Constitution	2nd	2	0	0	2
4311603	Static Web Page Design	2nd	0	0	4	2
4320002	Engineering Mathematics	2nd	3	1	0	4
4320701	Electronic and Computer Workshop Practice	2nd	0	0	2	1
4320702	Basic Object Oriented Programming	2nd	3	0	4	5
4320703	Basics of Digital Electronics	2nd	3	0	2	4
GRAND TOTAL			14	1	14	22
SEMESTER - 4						
SUBJECT CODE	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
3340701	ADVANCED DATABASE MANAGEMENT SYSTEM	4th	3	4	0	7
3340702	COMPUTER NETWORKS	4th	3	2	0	5
3341603	FUNDAMENTALS OF SOFTWARE DEVELOPMENT	4th	3	2	0	5
3340704	.NET PROGRAMMING	4th	3	4	0	7
3340705	COMPUTER ORGANIZATION AND ARCHITECTURE	4th	3	0	0	3
3340706	WEB DEVELOPMENT TOOLS	4th	0	4	0	4
GRAND TOTAL			15	16	0	31
SEMESTER - 6						
SUBJECT CODE	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
3360701	ADVANCE JAVA PROGRAMMING	6th	3	4	0	7
3360702	PROFESSIONAL PRACTICES USING DATABASE	6th	0	4	0	4
3360703	NETWORKING MANAGEMENT & ADMINISTRATION	6th	3	4	0	7
3360704	MOBILE COMPUTING AND APPLICATION DEVELOPMENT	6th	3	4	0	7
3360705	DYNAMIC WEBPAGE WITH SCRIPTING LANGUAGE	6th	3	4	0	7
3360706	ADVANCED WEB TECHNOLOGY	6th	3	4	0	7
3360707	PROJECT-II	6th	0	6	0	6
GRAND TOTAL			15	30	0	45

ANY TWO SUBJECTS FROM 3360703, 3360704, 3360705, 3360706

MANDATORY DISCLOSURE

COMPUTER DEPARTMENT						
SEMESTER - 1						
SUBJECT CODE	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
4300001	Basic Sciences	1st	3	1	0	4
4300002	Communication Skills in English	1st	2	0	2	3
4300003	Environment and Sustainability	1st	3	0	0	3
4300015	Sports and Yoga	1st	0	0	2	0
4300018	Fundamentals of Electrical and Electronics	1st	3	0	2	4
4310701	Fundamentals of Computer	1st	0	0	4	2
4310702	Basic Computer Programming	1st	3	0	4	5
GRAND TOTAL			14	1	14	21

SEMESTER - 3						
SUBJECT CODE	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
3330701	OPERATING SYSTEM	3rd	3	2	0	5
3330702	PROGRAMMING IN C++	3rd	3	2	2	7
3330703	DATABSE MANAGEMENT SYSTEM	3rd	3	2	2	7
3330704	DATA STRUCTURE	3rd	3	2	2	7
3330705	MICROPROCESSOR & ASSEMBLY LANGUAGE	3rd	3	2	0	5
GRAND TOTAL			15	10	6	31

SEMESTER - 5						
SUBJECT CODE	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
3350701	COMPUTER MAINTENACE AND TROUBLE SHOOTING	5th	3	2	0	5
3350702	DYNAMIC WEB PAGE DEVELOPMENT	5th	3	4	0	7
3350703	JAVA PROGRAMMING	5th	3	4	0	7
3350704	COMPUTER AND NETWORK SECURITY	5th	3	4	0	7
3350705	MULTIMEDIA AND ANIMATION TECHNIQUES	5th	3	4	0	7
3350706	PROJECT-I	5th	0	4	0	4
GRAND TOTAL			15	22	0	37

ANY ONE SUBJECTS FROM 3350704 & 3350705

MANDATORY DISCLOSURE

ELECTRICAL DEPARTMENT

SEMESTER - 1

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
4300001	Basic Sciences	1st	3	1	0	4
4300002	Communication Skills in English	1st	2	0	2	3
4300006	Engineering Chemistry	1st	3	0	2	5
4300010	Basics of Information and Communication Technology	1st	0	0	4	4
4300015	Sports and Yoga	1st	0	0	2	2
4300017	Basics of Mechanical Engineering	1st	0	2	2	4
4310901	D.C. Circuits	1st	3	1	2	6
GRANDTOTAL			11	4	14	28

SEMESTER - 3

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3330901	AC CIRCUITS	3rd	3	2	2	7
3330902	D C MACHINES AND TRANSFORMER	3rd	4	0	4	8
3330903	ELECTRICAL INSTRUMENTION	3rd	4	0	2	6
3330904	ELECTRICAL POWER GENERATION	3rd	4	2	0	6
3330905	ELECTRONICS COMPONENTS AND CIRCUITS	3rd	4	0	2	6
GRANDTOTAL			19	4	10	33

SEMESTER - 5

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3350901	WIRING ESTIMATING, COSTING & CONTRACTING	5th	3	0	2	5
3350902	ENERGY CONSERVATION & AUDIT	5th	4	0	2	6
3350903	POWER ELECTRONICS	5th	4	0	2	6
3350904	MICROPROCESSOR AND CONTROLLER APPLICATIONS	5th	4	0	2	6
	ELECTIVE-I (ANY ONE)	5th	3	0	2	5
3350908	PROJECT-I	5th	0	0	4	4
GRANDTOTAL			18	0	14	32

ANY ONE SUBJECTS FROM

3350905	WIND AND SOLAR ENERGY SYSTEMS
3350906	SPECIAL ELECTRICAL MACHINES
3350907	ELECTRIC TRACTION AND CONTROL

MANDATORY DISCLOSURE

ELECTRICAL DEPARTMENT

SEMESTER - 2

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
4300003	Environment and Sustainability	2nd	3	0	0	3
4300005	Physics	2nd	3	0	2	5
4300013	Basic Engineering Drawing and Graphics	2nd	2	0	4	6
4310001	Basics of Civil Engineering	2nd	0	2	2	4
4320002	Engineering Mathematics	2nd	3	1	0	4
4320901	A.C. Circuits	2nd	3	1	2	6
4320902	Electrical Engineering Workshop Practice	2nd	0	0	2	2
GRAND TOTAL			14	4	12	30

SEMESTER - 4

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3340901	POLYPHASE TRANSFORMERS AND	4th	4	0	4	8
3340902	TRANSMISSION AND DISTRIBUTION OF ELECTRICAL POWER	4th	4	0	2	6
3340903	UTILIZATION OF ELECTRICAL ENERGY	4th	4	0	2	6
3340904	DIGITAL ELECTRONICS AND DIGITAL INSTRUMENTS	4th	4	0	2	6
3340905	COMPUTER AIDED ELECTRICAL DRAWING	4th	0	0	4	4
GRAND TOTAL			16	0	14	30

SEMESTER - 6

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3360901	SWITCHGEAR & PROTECTION	6th	4	0	2	6
3360902	INSTALLATION, COMMISSIONING AND MAINTENANCE	6th	4	0	2	6
	ELECTIVE-II(ONE SUBJECT FROM SAME GROUP AS PER SUBJECT SELECTED FROM ELECTIVE GROUP OF SEM 5)	6th	3	0	2	5
	ELECTIVE-III(ONE SUBJECT FROM SAME GROUP AS PER SUBJECT SELECTED FROM ELECTIVE GROUP OF SEM 5)	6th	3	0	2	5
3360909	PROJECT-II	6th	0	0	6	6
GRAND TOTAL			14	0	14	28

ELECTIVE-II

GROUP 1 (POWER)

3350905	SOLAR AND WIND SYSTEM
3360903	POWER SYSTEM OPERATION AND CONTROL
3360904	SUBSTATION ENGINEERING AND POWER QUALITY
Group 2 (INDUSTRIAL)	
3350906	SPECIAL ELECTRICAL MACHINES
3360905	DESIGN PARAMETERS OF ELECTRICAL EQUIPEMENT AND MACHINES
3360906	ELECTRICAL DRIVES
GROUP 3 (COMMERCIAL)	
3350907	ELECTRICAL TRACTION AND CONTROL
3360907	MAINTENANCE OF TRANSFORMER AND CIRCUIT BREAKER
3360908	ELECTRIFICATION OF BUILDING COMPLEXES

MANDATORY DISCLOSURE

INSTRUMENTATION & CONTROL DEPARTMENT

SEMESTER - 1

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
4300001	Mathematics	1st	3	1	0	4
4300002	Communication Skills in English	1st	2	0	2	4
4300005	Physics	1st	3	0	2	5
4300012	Engineering Drawing and Computer Aided Design	1st	0	0	4	4
4300015	Sports and Yoga	1st	0	0	2	2
4311701	Fundamentals of Instrumentation and Control Engineering	1st	3	0	2	5
4311702	Instrumentation Workshop	1st	0	0	2	2
GRAND TOTAL			11	1	14	26

SEMESTER - 3

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3331701	SAFETY INSTRUMENTED SYSTEMS & SAFETY	3rd	3	0	2	5
3331702	TELEMETRY SYSTEM	3rd	3	0	2	5
3331703	DIGITAL TECHNIQUES	3rd	4	0	2	6
3331704	CONTROL COMPONENTS	3rd	3	0	4	7
3331705	PROCESS APPLICATION & INSTRUMENTATION MAINTENANCE MANAGEMENT		3	0	2	5
3331706	INSTRUMENTATION DRAWING	3rd	0	0	4	4
GRAND TOTAL			16	0	16	32

SEMESTER - 5

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3351701	ELECTRONIC & PNEUMATIC	5th	3	0	4	7
3351702	PROCESS INSTRUMENTATION-II	5th	3	0	4	7
3351703	ANALYTICAL INSTRUMENTATION	5th	3	0	2	5
3351706	PROJECT-I(WITH SEMINAR)	5th	0	0	6	6
3351704	PLC PROGRAMMING	5th	3	0	2	5
3351705	MICROPROCESSOR AND MICROCONTROLLER IN INSTRUMENTATION	5th	3	0	2	5
GRAND TOTAL			15	0	20	35

ANY ONE SUBJECTS FROM 3351704&3351705

MANDATORY DISCLOSURE

INSTRUMENTATION & CONTROL DEPARTMENT

SEMESTER - 2

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
4300003	Environment and Sustainability	2nd	3	0	0	3
4300008	Engineering Mechanics	2nd	3	1	0	4
4321701	Industrial Transducers	2nd	3	0	2	5
4321702	Fundamentals of Information Technology Systems	2nd	2	0	4	6
4321703	Programming Methodology	2nd	0	0	4	4
4321704	Fundamentals of Electrical and Electronic Instrumentation	2nd	3	0	2	5
GRAND TOTAL			14	1	12	27

SEMESTER - 4

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3341701	CONTROL INSTRUMENTATION SYSTEM	4th	3	0	4	7
3341702	PROGRAMMABLE LOGIC CONTROLLER AND DISTRIBUTED CONTROL SYSTEM	4th	3	0	4	7
3341703	PROCESS INSTRUMENTATION-I	4th	3	0	4	7
3341704	BIOMEDICAL INSTRUMENTATION	4th	3	0	4	7
3341705	INSTRUMENTATION SIMULATION PRACTICES	4th	0	0	4	4
GRAND TOTAL			12	0	20	32

SEMESTER - 6

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3361701	APPLIED INSTRUMENTATION	6th	3	0	4	7
3361702	INDUSTRIAL POWER CONTROL	6th	3	0	4	7
	ELECTIVE- II	6th	3	0	2	5
	ELECTIVE- III	6th	3	0	2	5
3361707	PROJECT- II (WITH SEMINAR)	6th	0	0	6	6
GRAND TOTAL			12	0	18	30

GROUP 1: INDUSTRIAL

3361703	DCS AND SCADA
3361704	INSTRUMENTATION DATA COMMUNICATION

GROUP 2: EMBEDDED

3361705	PIC MICROCONTROLLER AND EMBEDDED SYSTEMS
3361706	EMBEDDED NETWORKS

MANDATORY DISCLOSURE

MECHANICAL DEPARTMENT

SEMESTER - 1

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
4300001	Mathematics	1ST	3	1	0	4
4300002	Communication Skills in English	1ST	2	0	2	4
4300004	Applied Physics	1ST	3	0	2	5
4300007	Engineering Drawing	1ST	2	0	4	6
4300015	Sports and Yoga	1ST	0	0	2	2
4301901	Engineering Workshop Practice	1ST	0	0	4	4
4310001	Basics of Civil Engineering	1ST	0	2	2	4
GRAND TOTAL			10	3	16	29

SEMESTER - 3

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3331901	MANUFACTURING ENGINEERING-I	3rd	3	0	4	7
3331902	THERMODYNAMICS	3rd	3	0	0	3
3331903	FLUID MECHANICS AND HYDRAULIC MACHINES	3rd	4	0	2	6
3331904	STRENGTH OF MATERIALS	3rd	3	0	2	5
3331905	APPLIED ELECTRICAL AND ELECTRONIC ENGINEERING	3rd	3	0	2	5
3331906	COMPUTER AIDED MACHINE DRAWING	3rd	0	0	4	4
3330001	HUMAN RESOURCE MANAGEMENT	3rd	2	0	0	2
GRAND TOTAL			18	0	14	32

SEMESTER - 5

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3351901	THERMAL ENGINEERING-II	5th	2	0	2	4
3351902	DESIGN OF MACHINE ELEMENTS	5th	3	0	2	5
3351903	MANUFACTURING ENGINEERING-III	5th	3	0	4	7
3351904	INDUSTRIAL ENGINEERING	5th	3	0	2	5
3351905	ESTIMATING, COSTING AND ENGINEERING CONTRACTING	5th	2	0	2	4
	ELECTIVE-I [ANY ONE ELECTIVE FROM ANY ONE GROUP]	5th	3	0	2	5
3351908	PROJECT-I	5th	0	1	3	4
GRAND TOTAL			16	1	17	34

ANY ONE SUBJECTS FROM 3351906

3351906	SELF EMPLOYEMENT AND ENTREPRENEURSHIP DEVELOPMENT OR
3351907	OPERATIONS MANAGEMENT AND INFORMATION SYSTEMS
GROUP 2-THERMAL	
3351906	SELF EMPLOYEMENT AND ENTREPRENEURSHIP DEVELOPMENT OR
3351907	OPERATIONS MANAGEMENT AND INFORMATION SYSTEMS
GROUP 3-FLUID	
3351906	SELF EMPLOYEMENT AND ENTREPRENEURSHIP DEVELOPMENT OR
3351907	OPERATIONS MANAGEMENT AND INFORMATION SYSTEMS

MANDATORY DISCLOSURE

MECHANICAL DEPARTMENT

SEMESTER - 2

SUBJECT CODE	SUBJECTNAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
4300003	Environment and Sustainability	2nd	3	0	0	3
4300008	Engineering Mechanics	2nd	3	1	2	6
4300014	Basics of Electrical and Electronic Engineering	2nd	0	2	2	4
4300019	Computer Applications and Graphics	2nd	0	0	4	4
4320001	Applied Mathematics	2nd	3	1	0	4
4321901	Engineering Thermodynamics	2nd	3	0	0	3
4321902	Mechanical Drafting	2nd	2	0	4	6
GRAND TOTAL			14	4	12	30

SEMESTER - 4

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3341901	MANUFACTURING ENGINEERING - II	4th	3	0	4	7
3341902	THERMAL ENGINEERING-I	4th	3	0	2	5
3341903	THEORY OF MACHINES	4th	4	0	2	6
3341904	COMPUTER AIDED DESIGN	4th	2	0	2	4
3341905	METROLOGY & INSTRUMENTATION	4th	4	0	4	8
3341906	PLANT MAINTENANCE AND SAFETY	4th	3	0	2	5
GRAND TOTAL			19	0	16	35

SEMESTER - 6

SUBJECT CODE	SUBJECT NAME	SEM	THEORY	TUTORIAL	PRACTICAL	TOTAL
3361901	COMPUTER AIDED MANUFACTURING(CAM)	6th	2	0	2	4
3361902	TOOL ENGINEERING	6th	3	0	2	5
3361903	INDUSTRIAL MANAGEMENT	6th	3	0	0	3
	ELECTIVE-II (FIRST SUBJECT FROM ANY ONE GROUP)	6th	3	0	2	5
	ELECTIVE-III (SECOND SUBJECT FROM ANY SAME GROUP)	6th	3	0	2	5
3361910	PROJECT-II	6th	0	0	6	6
GRAND TOTAL			14	0	14	28

ELECTIVE-II,III

GROUP-1 MANUFACTURING

3361904	MANUFACTURING SYSTEMS.
3361905	FABRICATION TECHNOLOGY.

GROUP-2 THERMAL

3361906	POWER PLANT ENGINEERING
3361907	THERMAL SYSTEMS AND ENERGY EFFICIENCY

GROUP-3 FLUID ENGINEERING

3361908	HYDRAULIC SYSTEMS
3361909	PNEUMATIC SYSTEMS

MANDATORY DISCLOSURE

AUTOMOBILE DEPARTMENT

SEMESTER - 2

SR. NO	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
4300003	ENVIRONMENT SUSTAINABILITY	2nd	3	0	0	3
4300008	ENGINEERING MECHANICS	2nd	3	2	1	6
4300014	BEEE	2nd	0	2	2	4
4300019	COMPUTER APPLICATION AND GRAPHICS	2nd	0	2	0	2
4300020	ENGINEERING MATERIAL	2nd	3	2	0	5
4301901	ENGINEERING WORKSHOP	2nd	0	4	0	4
4320202	THERMODYNAMICS & HYDRAULICS	2nd	3	0	1	4
GRAND TOTAL			12	12	4	28

SEMESTER - 4

SR. NO	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
3340201	VEHICLE BODY ENGINEERING	4th	3	2	0	5
3340202	VEHICLE KINEMATICS & DYNAMICS	4th	4	0	2	6
3340203	MODERN VEHICLE TECHNOLOGY	4th	4	2	0	6
3340204	AUTOMOBILE INDUSTRIAL MANAGEMENT	4th	3	2	0	5
3340205	AUTOMOBILE TRADE PRACTICE	4th	0	2	0	2
3340206	AUTOMOBILE MANUFACTURING TECHNOLOGY	4th	4	2	0	6
3340207	HUMAN RESOURCE MANAGEMENT FOR AUTO INDUSTRY	4th	2	0	0	2
GRAND TOTAL			20	10	2	32

SEMESTER - 6

SR. NO	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
3330201	AUTOMOBILE ENGINE AUTO ENGINES DIAGNOSIS AND TESTING	6th	4	2	0	6
3330202	AUTO TRANSMISSION-MECHANISM DIAGNOSIS AND TESTING	6th	4	2	0	6
3330203	AUTO ELECTRICAL SYSTEM DIAGNOSIS AND TESTING	6th	4	2	0	6
3330204	VEHICLE AIR CONDITIONING	6th	3	2	0	5
3330205	MOTOR VEHICLE ACTS & LOSS ASSESSMENT	6th	3	0	0	3
3330206	TECHNICAL SEMINAR	6th	1	2	0	3
GRAND TOTAL			19	10	0	29

AUTOMOBILE DEPARTMENT**SEMESTER - 1**

SR. NO	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
4300001	MATHEMATICS	1st	3	0	1	4
4300002	COMMUNICATION SKILL IN ENGLISH	1st	2	2	0	4
4300004	APPLIED PHYSICS	1st	3	2	0	5
4300007	ENGINEERING DRAWING	1st	2	4	0	6
4300015	SPORTS AND YOGA	1st	0	2	0	2
4310001	BASIC OF CIVIL ENGINEERING	1st	0	2	2	4
4310201	AUTO TRADE PRACTICE	1st	0	4	0	4
GRAND TOTAL			10	16	3	29

SEMESTER - 3

SR. NO	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
3330201	AUTOMOBILE ENGINE	3rd	3	2	0	5
3330202	AUTOMOBILE TRANSMISSION	3rd	3	2	0	5
3330203	AUTOMOBILE ELECTRICAL SYSTEM	3rd	3	2	0	5
3330204	FUEL & LUBRICANT	3rd	3	2	0	5
3330205	AUTOMOBILE POLLUTION CONTROL	3rd	3	2	0	5
3330206	AUTOMOBILE COMPONENT DESIGN	3rd	4	2	0	6
GRAND TOTAL			19	12	0	31

SEMESTER - 5

SR. NO	SUBJECT NAME	SEM	THEORY	PRACTICAL	TUTORIAL	TOTAL
3350201	INDUSTRIAL TRAINING	5th	0	30	0	30
GRAND TOTAL			0	30	0	30

Continuous Evaluation System

Assignments

Class Tests

Presentations

Participation in Technical Events

Poster Presentations

Enrolment and placement details of the students in the last 3 years**Enrolment details of the students in the last 3 years**

Enrolled Students Detail		
Year	No. of First Year students	C to D Students
2019	65	15
2020	1	14
2021	62	61

Placement details of the students in the last 3 years

	2019	2020	2021
Number of Companies Visited for Placements	5	1	0
Total Companies (On Campus, Off Campus, Pool Campus, WalkIn Drives)	8	9	8
Total Number of students interested for placements	19	18	17
Number of students placed by campus placements	19	18	17
Lowest Salary Package	2	2	2
Highest Salary Package	3	3	4
Average Salary Package	2.5	2.5	3
Self Employed students	4	5	4

Industrial Linkages:

- ELECTRONICS AND COMMUNICATION ENGINEERING: INDIAN NAVY STATION
- INSTRUMENTATION AND CONTROL ENGINEERING: WOCKHART HOSPITAL
- INSTRUMENTATION AND CONTROL ENGINEERING: KIDNEY HOSPITAL
- ELECTRICAL ENGINEERING: JJ PV SOLAR INDUSTRY VERAVAL SHAPAR
- ELECTRICAL ENGINEERING: THERMAL POWER STATION SIKKA
- ELECTRICAL ENGINEERING: SUZLON WIND POWER DHROL
- ELECTRICAL ENGINEERING: EXPRESS ELEVATORS RAJKOT
- ELECTRICAL ENGINEERING: A.L.D.C SUB STATION JETPUR
- ELECTRONICS AND COMMUNICATION ENGINEERING: EQDC GANDHI NAGAR
- INSTRUMENTATION AND CONTROL ENGINEERING: PELICAN ROTOFLEX
- INSTRUMENTATION AND CONTROL ENGINEERING: B T SAVANI KIDNEY HOSPITAL
- MECHANICAL ENGINEERING: BALAJI WAFERS
- ELECTRICAL ENGINEERING: METODA SUB STATION
- ELECTRICAL ENGINEERING: ABB INDIA LIMITED BARODA

MANDATORY DISCLOSURE

- ELECTRICAL ENGINEERING: EXCEL CERAMICS
- ELECTRICAL ENGINEERING: FALCON PUMPS
- COMPUTER ENGINEERING: Vedansh Info private limited
- ELECTRICAL ENGINEERING: TPS SIKKA JAMNAGAR
- INSTRUMENTATION AND CONTROL ENGINEERING: B.T.SAVANI HOSPITAL
- INSTRUMENTATION AND CONTROL ENGINEERING: ALCOP WIRE INDUSTRIES
- ELECTRICAL ENGINEERING: PAN POWER SOLAR PLANT
- APPLIED MECHANICS: SARDAR SAROVAR NIGAM NARMADA
- INSTRUMENTATION AND CONTROL ENGINEERING: ALCOP INDUSTRY GIDC METODA
- INSTRUMENTATION AND CONTROL ENGINEERING: EXCEL ENGINEERING KOTHARIA
- INSTRUMENTATION AND CONTROL ENGINEERING: CHRIST HOSPITAL RAJKOT
- AUTOMOBILE ENGINEERING: ST WORKSHOP RAJKOT
- MECHANICAL ENGINEERING: PANCHNATH AUTO SHAPAR
- ELECTRICAL ENGINEERING: EMF TRANSFORMERS PVT LIMITED
- ELECTRICAL ENGINEERING: AMELECTRIC LOCO SHED
- ELECTRICAL ENGINEERING: EXCEL CERAMICS PRIVATE LIMITED
- MECHANICAL ENGINEERING: PANCHNATH AUTO
- ELECTRICAL ENGINEERING: ALDC JETPUR
- ELECTRICAL ENGINEERING: TPS SIKKA JAMNAGAR
- ELECTRICAL ENGINEERING: EMBICON TECH HUB
- MECHANICAL ENGINEERING: GENIUS TECHNOLOGY RAJKOT
- AUTOMOBILE ENGINEERING: GENIUS TECHNOLOGY RAJKOT
- INSTRUMENTATION AND CONTROL ENGINEERING: Aarohi Embedded System Pvt. Ltd.
- INSTRUMENTATION AND CONTROL ENGINEERING: NSIC
- ELECTRICAL ENGINEERING: NSIC
- INSTRUMENTATION AND CONTROL ENGINEERING: RTTC, BSNL
- COMPUTER ENGINEERING: RTTC, BSNL
- AUTOMOBILE ENGINEERING: Panchnath Auto Pvt. Ltd., Rajkot
- MECHANICAL ENGINEERING: TRANSMISSION MAHINDRA
- MECHANICAL ENGINEERING: GENIUS TECHNOLOGY GONDAL ROAD RAJKOT
- ELECTRICAL ENGINEERING: TRANSMISSION MQA
- INSTRUMENTATION AND CONTROL ENGINEERING: ALL INDIA RADIO

MoUs with the Industry

	Organisation	From	Till	Purpose
1	Reliance Jio Infocom Ltd	6/11/2018	Till Cancelled by any one party	Placement and training
2	Accura Engineering	18/01/21	17/1/2023	Industrial visits and training
3	Radhika Hydraulics Rajkot	29/01/2021	28/01/23	Industrial visits and training
4	Liftwell hydraulics Pvt Ltd	12/01/21	11/1/23	Placement and training
5	Narendra Mart	12/01/21	11/1/23	Internship and Placement
6	Nityam Webtech ltd	12/01/21	Till Cancelled by any party	Training

LoA and subsequent EoA till the current Academic Year

<https://christpolytechnicrajkot.edu.in/Docs/ea-of-aicte.pdf>

Best practices adopted if any

- Students are inspired to take advantage of MSME, various training programs and workshops has been conducted under SAMBHAV programmes.
- Students are motivated to take part in various technical events, hackathons, workshops automation training
- Students are motivated to take part in cultural activities, NCC/NSS, every year we organize sports week

