Mandatory Disclosure

1. Name of Institution

Name	Laljibhai Chaturbhai Institute of Technology, Bhandu	
Address	Lalji-Park, Mehsana - Unjha Highway, Taluka: Visnagar, District: Mehsana, Bhandu – 384120.	
State	Gujarat	
Contact No.	(02765) 287145, 9687637251	
Website	Bit.ly/lcitbhandu, www.lcit.mlct.org.in	
Email	principal@lcit.org	

2. Brief note about Institute:

Laljibhai Chaturbhai Institute of Technology, (called LCIT Parivar) was established by M. L. Charitable Trust; Bhandu with effective & efficient vision and mission to nurture the intellectual growth of rural area students and to serve humanity by offering highest order of excellence in bachelor and master engineering. LCIT is affiliated with Gujarat Technological University, Ahmadabad and approved by AICTE, New Delhi. LCIT Parivar members are working in a team to create synergy effect to satisfy all stake holders' trust by all round development of engineer in academic and co-curricular activities. LCIT has created world-class demand driven engineering by imparting practical skills with believe in success is our trend and to succeed is our goal.

3. Name & Address of the Principal

Name	Dr. Dipak M. Patel	
Address	Laljibhai Chaturbhai Institute of Technology, Bhandu	
	Lalji-Park, Mehsana - Unjha Highway, Taluka: Visnagar, District: Mehsana, Bhandu – 384120.	
Contact No.	9687637139	
Email	principal@lcit.org	
Highest Degree Ph.D.		
Field of specialization Solar Refrigeration, I.C & Auto.		

4. Name of Affiliating University

Name of the affiliating university	Gujarat Technological University, Ahmedabad
Address	Nr.Vishwakarma Government Engineering College, Nr.Visat Three Roads, Visat - Gandhinagar Highway, Chandkheda, Ahmedabad – 382424 - Gujarat
Website	https://www.gtu.ac.in/
Latest affiliation period	2021-2022

5. Vision, Mission, Principal's Sir & Chairman Sir Message

Vision

- To prepare our students for leadership in their Profession and Society.
- To produce demand driven world-class engineers.
- To gain national recognition as a first tier college of engineering.

Mission

Laljibhai Chaturbhai Institute of Technology will nurture the intellectual growth of its students
and serve humanity to creation, application and dissemination of knowledge relevant to
technology and become one of the premium engineering colleges and achieve the highest order
of excellence in teaching.

Principal Sir Message

• On behalf of M.LC.T. & L.C.I.T., It's my immense pleasure to welcome you heartily to join LCIT Parivar and to be a member of peaceful green modern educational campus. I am sure & assured you that you will feel proud with full of satisfaction as an associated member with us in our LCIT Parivar. Our members are committed to work in a team to create synergy effect to achieve LCIT's noble Mission & Vision. I am confident that LCIT Team members will satisfy all stake holders' trust & will be helpful for all-round development of an engineer in academic excellence, co-curriculum & extra curriculum activities. We create tomorrow's engineers are ready to face any challenges of highly competitive global industrial market. It's my honor to be with you in LCIT Parivar as a Principal & Team Leader in your golden period of learning journey by fetching lots of opportunities to make your engineering dream in reality. My best wishes are with you for your bright career and future.

Chairman Sir Message

• It gives me the immense pleasure to welcome you to the learning institutes established by Manchhiba Laljibhai Charitable Trust. We believe in building & maintaining exemplary educational institutes with qualified faculties, empowering learning environment that help you build a strong foundation to be a globally competent professionals. Our primary focus is to set up all students for success in a positive, inclusive teaching & learning environment such that they can reach their full potential. It is a matter of great pride that our colleges have made consistent progress in academic, co-curricular & extra-curricular activities to achieve the effective & efficient mission & vision of the trust. We are confident that in the years to come, you will build a very strong foundation of knowledge & skills that help you on your journey to achieve your goals and society at large. My good wishes for your bright career.

6. Name of Approval Body:

All India Council for Technical Education, New Delhi (AICTE), Visit www. aicte-india.org

7. Name of the organization running the Institution

Name of the organization running the Institution	Manchhiba Laljibhai Charitable Trust, Bhandu
Type of the organization	Charitable Trust
Address of the organization	Lalji-Park, Mehsana - Unjha Highway, Taluka: Visnagar, District: Mehsana, Bhandu – 384120.

Website of the Organization	www.mlct.org.in
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8. Governance

Members of Board of Governance

1.	Chairman	Mr. Bhogilal L. Patel
2.	Vice Chairman	Mr. Purshottam L. Patel
3.	Trustee	Mr. Harilal L. Patel
4.	Trustee	Mr. Dineshbhai L. Patel
5.	Trustee	Mrs. Laxmiben B. Patel
6.	Trustee	Mr. Dasharthbhai J. Patel
7.	Director	Mr. Shankarbhai P. Patel
8	Administrator	Mr. Harendrabhai D. Patel
9	Principal & Member Secretary	Dr. Dipak M. Patel

$Organizational\,chart\,and\,flow\,processes$

9. Programs

• Under Graduate Courses:

Program	Intake (2021-22)	Duration	Fees
Electrical Engineering	30	4 Years	77,000/-
Civil Engineering	60		
Computer Engineering	60		
Mechanical Engineering	60		

• Post Graduate Courses:

Program	Intake (2021-22)	Duration	Fees
I.C. & Automobile	18	2 Years	1,18,000/-
Machine Design	12		
Computer	18		

P.E. & E.D.	24	
1 121 a 2151	27	

10. Academic Sessions

Academic Sessions	Two Sessions per Year
Examination System, Year / Sem.	Semester Pattern @ Two semesters per Year

11. Various Achievements of Institute:

- ➤ ISTE Gujarat Section has awarded Best Student Award for years 2004, 2005, 2007, 2011, 2016, 2017 and 2019 under ISTE students' chapter for carried out curricular, co-curricular and extra-curricular activities for all round development of students.
- ➤ Under faculty development programme, LCIT Parivar has won Gujarat Section ISTE Best Faculty Chapter Award for years 2007, 2011, 2012, 2017 and 2019 with first rank in Gujarat in year 2019.
- LCIT Parivar has obtained BE 100% excellent result in GTU examinations of semester VIII of Summer-2021 & in Summer-2020 with 100% results in semester VI examinations of Summer-2020 with 18 students secured 10 out of 10 SPI.
- LCIT Parivar has achieved excellent results in Bachelor and Master Engineering programme. Obtained GTU Gold Medal in Master P.E.E.D Programs in years 2018 & 2020, I.C. & Auto. in years 2014 & 2018, VLSI in 2014 with Judo Gold Medalist in Sports in GTU in year 2016.
- ➤ Training and Placements cell has carried out MEGA JOB FAIR in our campus with the help of Government of Gujarat and offered 4658 jobs in 76 plus recruiter companies' part of 100% job assistance. With the help of Active TPO Cell Excellent alumni placements possible on very good positions on Public & Private Sectors.
- ➤ Students' team participated in Grand Finale Event of Smart Gujarat for New India Hackathon-18 and secured 3rd Position with 20,000 Rs. Prizes from Education Minister.
- First rank in Classical Vocal Solo Event and Third rank in Poster Making Event in Youth Festival-19 Organized by GTU.

12. Infrastructural Facility Details:

- ➤ Wi-Fi campus with well equipped and latest laboratories with smart classroom.
- ➤ Modern library and e-learning resources. Wide collections of text books, reference books and magazines & journals in central and departmental library.
- > Hi-Tech communication English laboratory & provision of camera in campus for security.
- > Student facilitation center & facility of indoor and outdoor sports with play ground.
- Transportation facility on concessional rate.
- > Separate hostel facilities for girls and boys with very good mess & canteen facility.
- Training and Placement cell for 100% job assistance.
- Industry institution interaction cell & MOUs with industry for seminars & workshops.

13. Details of Research/SSIP/Industry Collaboration/Placement/other

- ➤ MOUs with various companies and SSIP. Received SSIP grant Rs. 1, 00, 000 per year part of appreciations of students' excellent projects.
- > TPO cell for the training and placement and for 100% job assistance. All alumni are placed on very good positions in public and private sectors.
- ➤ Offered UG & PG programs in Machine Design, I. C. & Auto., VLSI, P.E.E.D and Software Engineering with
- Expert lecture by eminent persons from industry and organization.
- Technical workshop for faculties and students part of curricular, co-curricular and extra-curricular activities under ISTE students' and faculties' chapters.
- Industrial visits for the students for technical knowledge improvement.
- ➤ Organizes technical event "Search" and annual function "Pratibha" and sports event "Junoon" with celebration of Navratri & Dadiya Function every year.
- Active alumni cell with interactions and its get together.
- Student start up and for unique innovation R&D cell.
- Classes on the personality development and career guidance for students by field experts.
- > IDP / UDP projects and project assistance for final year students to develop good quality of project. Offers

- internship for industrial exposure.
- ➤ Project fair and Farewell function.
- Participation of students in youth festival and hackathon events.
- Award system for top three rankers based on semester SPI.
- ➤ Unique library award system for students and staff for effective and efficient use of library resource facility.
- ➤ Daily attendance SMS system to the parents. Also, attendance award system.
- > Remedial classes for the poor students and extra coaching to complete 100% syllabus.
- ➤ NPTEL video and E-learning resources. Latest software and hardware facilities part of learning recourses.
- Extra and co-curricular activities for the students.
- Anti ragging cell. It's ragging free campus.
- Tobacco free, peaceful, modern green and clean campus for learning.
- Trust offers lowest fees and highest scholarship. Also, offers free education to eligible as per Trust and Government of Gujarat norms. For more details pl. visit bit.ly/lcitbhandu
- ➤ Qualified experience best faculties for teaching & learning process. Class counselors for career counseling.
- Active NSS unit. Blood donation camp, tree plantation, free medical camp etc. services for society. Allopathic and Homoeopathic hospital facility for students and society.
- > Parents meeting, orientation program every year.
- > Offers GRE, TOEFL & IELTS extra classes free of cost with competitive exam guidance.
- > Various National & International Day's celebrations. Yoga activities for physical and mental health.
- Students and parents feedback system. Parents visit by staff at home regularly for interactions and feedbacks.
- ➤ Women development cell and Udhisha innovation club.
- ➤ Students quiz and training for interview skills.
- ➤ Prime location on Mehsana-Unjha state highway with Road and Rail connectivity.
- ➤ LCIT Parivar imparting sound technical knowledge among students by taking care likes family members.

14. Faculty Detail of LCIT:

Visit institute official web. www.lcit.mlct.org.in for updated details.

15. Different Committees of LCIT Parivar

For effective & efficient functioning following committee are formed.

Sr. No.	Name of Committee	Scope of Work
1	Academic Committee. 1. Shree S. P. Patel [Campus Director] 2. Shree Harendrabhai D. Patel [Administrator] 3. Prof. (Dr.) Dipak M. Patel [Principal] 4. Prof. Viral K. Pandya [ME] 5. Prof. Shabbirali M. Champa [EE] 6. Prof. Mayur. K. Patel [CE] 7. Prof. Sumit B. Patel [Civil]	 To look after regular academic activities. To implement various academic reforms at the department. To arrange for induction training for the newly recruited teachers. To arrange for pedagogy lecture on regular basis at department level. To motivate faculties, staff and students for regularizing teaching-learning process. To arrange get together of all staff members at the end of the Semester / Year. To take students feedback, peer rating etc. in odd and in even semesters for staffperformance appraisal and for corrective actions. Also keep records of analysis. Take faculties feedback of class room/lab. teaching for performance appraisal andfor corrective actions.

2	Training & Diagoment / Internehin &	Cupport to arrange industrial tours & training for
2	Training & Placement / Internship & Industry VisitCommittee 1. Prof. Sumit B. Patel [Civil] [C] 2. Prof. Arpankumar P. Patel [Civil] [CC] 3. Prof. Vishant M. Patel [ME]	 Support to arrange industrial tours & training for students as per GTU/AICTE Guidelines and detailed records of it. To prepare students to face various interviews. To arrange campus interviews also increased industry-
	4. Prof. Ami P. Patel [CE]5. Prof. Anand K. Joshi [EE]6. Prof. Bharat K. Korot [CE]	 department interaction. To plan and implement the continuing education programs.
	7. Prof. Sumit M. Sharma [Cīvil] 8. Prof. Dhaval J. Patel [ME] 9. Prof. JigneshKumar N. Patel [ME] 10. Prof. Devkumar A. Rai [EE]	To implement activities as per the MOUs with various organization and look for opportunities to have similar MOUs with organizations, which can help the growth of
	11. Prof. Gireeshkumar G. Prasad [CE] 12. All HODs & Others Responsible Staff	 department. Approach various industries for consultancy and testing assignments. Develop the good industrial relations.
		To invite industries expert for students and staff lecture.
3	Women Development Cell. 1. Ms. Jigna H. Patel [PRO] [C]	To investigate the cases of sexual harassment of girl students and lady staff members and recommend
	2. Prof. Ami P. Patel [CE][CC]	necessary punitive actions.
	3. Prof. Nidhi J. Patel [CE] 4. Ms. Hina B. Suthar [HRD] 5. Ms. Binks ben J. Patel [Principal PA]	To carry out activities to prevent women harassment at the campus.
	5. Ms. Rinkuben J. Patel [Principal PA]	To carry out activities for the overall development of the women.
4	Anti-Ragging Committee	To attend complaint about ragging in the campus
	 Prof. Viral K. Pandya [ME] [C] Mr. Rakeshbhai G. Patel [Admin] [C] 	immediately and investigate the cases to recommend
	3. Prof. Ami P. Patel [CE] [CC]	necessary punitive actions. To improve the harmony among the students.
	4. Ms. Jigna H. Patel [PRO] 5. Prof. Sumit M. Sharma [Civil]	To carry out activities, that can have smooth induction of
	6. Others HODs	students in the main stream of the department and college.
		To comply with Hon. Supreme Court Judgment with
		AICTE/GTU ETC. Guidelines.
5	R &D / Udisha Innovation Club	To bring awareness about research & development activities that can be carried out at campus.
	Committee / Startup / SSIP 1. Prof. Viral K. Pandya [ME] [C]	activities that can be carried out at campus. To motivate faculties, staff & students to take challenging
	2. Prof. Arpankumar P. Patel [Civil] [CC]	tasks/ projects. To collect innovative items for display in Innovation
	3. Prof. Shabbirali M. Champa [EE] 4. Prof. Sumit M. Sharma [Civil]	Centre of the department.
	5. Prof. Henil D. Suthar [CE] 6. Prof. Nikunj R. Nayak [ME]	 To organize competition of innovative projects. To motivate students for taking projects through video
	7. Prof. Devkumar A. Rai [EE]	shows.
	8. Prof. Gireeshkumar G. Prasad [CE] 9. Prof. Sharvil B. Mistry [Civil]	Work at par with GTU guidelines and instructions.
6	Grievance Redressal Cell	Work as per AICTE guidelines 25/05/2012 circular F.No. 37-3/Legal/2012.
	 Prof. Viral K. Pandya [ME] [C] Ms. Jigna H. Patel [PRO] [CC] 	To ensure complete discipline among the every
	3. Prof. Mayur. K. Patel [CE]	individual at the campus and resolve their grievances.
	4. Prof. Vishant M. Patel [ME] 5. Prof. Ami P. Patel [CE]	Carry out activities to create environment of self- discipline and harmony among all at the campus.
	6. Prof. Khushbu N. Patel [CE]	For any complaint, the committee will take appropriate
	7. Prof. Komal B. Prajapati [Civil]	decision which will be informed to the HOD also it will be
		informed to their parents in coordination with their counselors.
7	Time Table Committee	 To calculate the teaching workload as per GTU teaching
	 Prof. Viral K. Pandya [ME] [C] Prof. Sumit B. Patel [Civil] [CC] 	scheme. • Prepare the class time table, master time table, class/lab
	3. Prof. Shabbirali M. Champa [EE]	usage time table, faculties free slot time tables and
	4. Prof. Mayur. K. Patel [CE] 5. Prof. Vishant M. Patel [ME]	individual faculty time table on the basis of teaching load
	6. Prof. Henil D. Suthar [ČE]	distribution provided by HODs of respective departments for all the semesters.
		Coordinate first year classes with the help of first year coordinator.
		Manage teaching and infrastructural resources in
		coordination with Office, Student Section.
		 Committee has to coordinate all the activities as outlined by academic committee.
	[6]	

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8	GTU Co-ordination 1. Prof. Vishant M. Patel [ME] [C] 2. Prof. Sumit B. Patel [Civil] [CC] 3. Prof. Viral K. Pandya [ME] 4. Prof. Shabbirali M. Champa [EE] 5. Prof. Henil D. Suthar [CE] 6. Prof. Arpankumar P. Patel [Civil]	 Coordination of various GTU related activities considering all the GTU circulars To help student sections to carry out various activities as per GTU norms & circulars. To handle the viva practical files/external exam of GTU and all details record of all activities.
9	Institute Website and E-governance Committee & LCIT E - Mirror 1. Prof. Mayur. K. Patel [CE] [C] 2. Prof. Arpankumar P. Patel [Civil] [CC] 3. Prof. Bharat K. Korot [CE] 4. Prof. Khushbu N. Patel [CE] 5. Prof. Henil D. Suthar [CE] 6. Prof. Sumit M. Sharma [Civil]	 To update college website time to time. To develop different modules for E- Governance project. To provide required help and supports to the students, who are implementing this project for the department. Coordinate with department offices for understanding various activities in practice before implementing in new systems and also the formats used. To maintain and update department website, regularly. Will provide all detail related to mandatory discloser, web info, staff, etc. Committee has to prepared and published monthly dated every month on 15th LCIT E Mirror by collecting the department level as well as institute levels micro to macro details.
10	ISTE Student & Faculty Chapter and Institute Pedagogy Activities 1. Prof. Shabbirali M. Champa [EE] [C] 2. Prof. Arpankumar P. Patel [Civil] [CC] 3. Prof. Sumit M. Sharma [Civil] 4. Prof. Ami P. Patel [CE] 5. Prof. Henil D. Suthar [CE] 6. Prof. Vishant M. Patel [ME]	 Organize various activities under the ISTE Chapters as per the ISTE guidelines and maintain the record. To carry out activities in coordination with ISTE HQ, for increasing memberships. Maintain accounts of the ISTE chapter. To organized pedagogy lecture series for staff and students. To organized industry/academic experts lectures for students and staff and detailed record of it.
11	Resource Management and Video Camera Committee 1. Prof. Vishant M. Patel [ME] [C] 2. Mr. Dhruv H. Nayi [Net Admin] [CC] 3. Mr. Sanket N. Dhobi [Net Admin] 4. All HODs & Dept. Lab. Assistants	 To maintain & service various department level resources like EPABX, OHP, Multimedia Projectors and PA system etc. To arrange above resources for various department level activities. To maintain web camera of campus.
12	Library Committee 1. Prof. Viral K. Pandya [ME] [C] 2. Prof. Sumit M. Sharma [Civil] [CC] 3. Prof. Ami P. Patel [CE] 4. Prof. Sharvil B. Mistry [Civil] 5. Prof. Anand K. Joshi [EE] 6. Mr. Prakash M. Prajapati [Librarian] 7. Mr. Rashesh J. Patel [Librarian]	 To assist the librarian in matters pertaining to short listing of books recommended by depts. In line with the budgetary provisions and AICTE norms. To suggest online resource requirement for the department. Operate library facility for various stake holders in and after office hours.
13	Sports & Yoga Training Committee 1. Prof. Sumit M. Sharma [Civil] [C] 2. Prof. Henil D. Suthar [CE] [CC] 3. Prof. Anand K. Joshi [EE] 4. Prof. Vishant M. Patel [ME]	 Plan and arrange for indoor & outdoor sports activities in odd & even terms respectively. Decide the requirement for sports equipments. Select the students for participation at university level. Maintain the record of prizes won by the students. Maintain the stock register & sports goods in liaison with stores section. To organized yoga activities.

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14	Student Section Committee 1. Prof. Sumit B. Patel [Civil] [C] 2. Prof. Ami P. Patel [CE] [CC] 3. Ms. Jigna H. Patel [PRO] 4. Prof. Mayur. K. Patel [CE] 5. Prof. Shabbirali M. Champa [EE] 6. Prof. Vishant M. Patel [ME] 7. Prof. Nikunj R. Nayak [ME]	 Develop systems for smooth functioning of students section. Liaison with admission committee for professional courses. Assign roll numbers to the students through the student section. Monitor enrolment of students at University and also made students identity card provision. Make arrangements for student concession passes for ST and Railway. Keep records fail, detained, cancel admission of students. Keep all students details by filling of students details on google link with the help of counselors.
15	Stock Verification, Purchase & Maintenance Committee 1. Prof. Shabbirali M. Champa [EE] [C] 2. Prof. Sumit M. Sharma [Civil] [CC] 3. Prof. Arpankumar P. Patel [Civil] 4. Prof. Vishant M. Patel [ME] 5. All Others HODs & Dept. Lab. Assistants	 Develop the process for the smooth implementation of purchase related activities at the department level and central level. Develop standard templates for all purchase related activities like, inviting quotations, comparative statements, inspection reports, bill passing process etc. Carry out inter-department stock verification, at least twice in a year. To implement smooth process for maintenance related activities at department as well as inter-department level. Maintains all lab instruments in working with the help of lab in charge. To maintain all purchase and maintenance related records at the department and support similar activities at the department level HOD & lab in charge.
16	Alumni Liaison Committee 1. Prof. Sumit B. Patel [CIVIL] [C] 2. Prof. Vishant M. Patel [ME] [CC] 3. Prof. Sharvil B. Mistry [Civil] 4. Prof. Nidhi J. Patel [CE] 5. All HODs & Staff Who are Our Alumnus	 Carry out activities as per the guide lines given in the constitution of alumni association of the department. To develop strong alumni relations and create database of department alumni. To organized alumni functions. To invite alumni at the various department functions & activities. To invite alumni for expert lectures. To take help of alumni for industries visit, training and placement activities.
17	Anti Tobacco and Cleanliness Committee 1. Prof. Sumit M. Sharma [Civil] [C] 2. Prof. Vishant M. Patel [ME] [CC] 3. Prof. Ami P. Patel [CE] 4. Prof. Anand K. Joshi [EE] 5. Prof. Devkumar A. Rai [EE] 6. Prof. Gireeshkumar G. Prasad [CE]	 To create awareness among the faculties and students to avoid consuming tobacco in any form. To arrange various activities to curb this habits. To ensure tobacco free, hygienic and clean and green campus.
18	Accreditation and AMIE Committee 1. Prof. Viral K. Pandya [ME] [C] 2. Prof. Mayur. K. Patel [CE] [CC] 3. Prof. Henil D. Suthar [CE] 4. Prof. Sumit M. Sharma [Civil] 5. Prof. Arpankumar P. Patel [Civil] 6. Prof. Ami P. Patel [CE] 7. Prof. Anand K. Joshi [EE] 8. Prof. Devkumar A. Rai [EE] 9. Prof. Gireeshkumar G. Prasad [CE] 10. All Others HODs & Other Sections Heads	 To carry out all the activities for application towards the accreditation. To prepare reports towards the accreditation. To coordinate with all the departments for related activities. Carry out necessary exercises like Mock, SWOT etc. either in-house or in consultation with third party. Identify the consultant for the same, if required. Do needful to apply online via AICTE web portal and prepare required proposal for the same. To carry out the experimental performance and report preparation for external students coming from AMIE.

19	DC Co andinatan	To community all the costinuities maleted to stanting DC
	PG Co-ordinator 1. Prof. Vishant M. Patel [ME] [C] 2. Prof. Henil D. Suthar [CE] [CC] 3. Prof. Anand K. Joshi [EE] 4. Prof. Arpankumar P. Patel [Civil]	 To carry out all the activities related to starting PG programs at the department in various departments To carry out need analysis for the specialization to be opted for. To analyze the requirement of infrastructural as well as human resources for the identified programs. To prepare brief report of the requirement in the standard format for all the departments Do needful to apply online via AICTE web portal and prepare required proposal for the same.
20	Pratibha, Farewell, Days Celebration and	To carry out all the related activities at department and institute level.
	Cultural Event Etc.	mistrate level.
	 Prof. Mayur K. Patel [CE] [C] Prof. Shabbirali M. Champa [EE] [CC] Prof. Ami P. Patel [CE] Prof. Khushbu N. Patel [CE] Prof. Sumit M. Sharma [Civil] 	
	6. Prof. Arpankumar P. Patel [Civil]	
	 Prof. Nikunj R. Nayak [ME] Prof. Vishant M. Patel [ME] 	
21	Technical Events, Search, National	To organize technical events at the department and
	Conference, Parents Meeting Etc.	institute level and prepared report.
	 Prof. Mayur K. Patel [CE] [C] 	To carry out necessary exercises related to the technical
	2. Prof. Virál K. Pandya[MĒ] [ČC]	events. Develop systems for smooth functioning during any
	 Prof. Sumit M. Sharma [CIVIL] Prof. Ami P. Patel [CE] 	Develop systems for smooth functioning during any technical event.
	5. Prof. Nikunj R. Nayak [ME]	
	 Prof. Sharvil B. Mistry [Civil] All Others HODs & Counselors 	
	7. All Others HODS & Counselors	
22.	Hostel and Canteen Committee 1. Prof. Mayur K. Patel [CE] [C]	To visit hostel and canteen frequently and report to the management.
	2. Prof. Ami P. Patel [CE][CC]	 To look after hostel maintenance. To resolve the canteen/hostel related problems.
	 Prof. Vishant M. Patel [ME] Prof. Sumit B. Patel [CIVIL] 	To check the students in hostel during working hours.
	5. Prof. Sumit M. Sharma [Civil]	
	6. Prof. Arpankumar P. Patel [Civil]	
	7. Ms. Jigna H. Patel [PRO]	
	8. Ms. Hina B. Suthar [HRD]	
	9. Ms. Rinkuben J. Patel [Principal PA]	
23	Examination Committee	Arrange mid, remedial etc. exam as per GTU scheme and
	1. Prof. Sumit B. Patel [CIVIL] [C]	collect compile result for submission to university.
	 Prof. Vishant M. Patel [ME] [CC] Prof. Ami P. Patel [CE] 	Arrange for dispatch internal/external result to parents with the help of counselors.
	4. Prof. Shabbirali M. Champa [EE]	Will provide the necessary stationary for conducting
	, , ,	department examination & keep record of it.
		Exam forms process, mark sheets distribution etc. as per
		HOD instructions.
		Do a detail result analysis of the exams with the help of counselors.
		Prepare list of institute/university list of toppers and maintained record for awards.
24.	Notice Board Committee	Will check and display N. B. and update the N. B. Every
	 All HODS [C] Prof. Sumit M. Sharma [Civil] [CC] 	 week minimum. Committee will keep record of display on N. B.
	3. Prof. Ami P. Patel [CE]	Update the department white board slogan, quiz, GD
	4. Ms. Rinkuben J. Patel [Principal PA]	Topic every day.
		Keep the notices properly.

25	AICTE/ UGC/ LIC/ FRC/ Vocational Courses Committee 1. Prof. Mayur K. Patel [CE] [C] 2. Prof. Shabbirali M. Champa [EE] [CC] 3. Prof. Arpankumar P. Patel [Civil] 4. Prof. Sumit M. Sharma [CIVIL] 5. Prof. Sharvil B. Mistry [Civil] 6. Prof. Henil D. Suthar [CE] 7. All Others HODs & Other Sections Head	To carry out the activities related with AICTE/UGC/LIC/FRC work as per guidelines. Plan for requirement of additional courses / faculties at the campus.
26	Students Attendance Monitory Committee 1. Prof. Viral K. Pandya [ME] [C] 2. Prof. Vishant M. Patel [ME] [CC] 3. Ms. Jigna H. Patel [PRO] 4. All HODs & Concerns Counselors	 Take round and trace students who bunk the lectures and labs. Phone calls and records of it for students who are absents more than two days without prior permission of counselors take help of counselors. Daily E Mail to mass bunk of students for single hour with the help of counselors. Monitor Daily SMS of students sent by counselors and update DND Etc. in case of failure. Maintain enough stock of sms for regular service in concern with service provider. Make sms templates for uniformity. Arrange to send attendance letter to the parents with the help of counselors. Put monthly compilation of attendance on notice board.
27	ST / SC / MYSY / NTDNT / Other Scholarships Committee 1. Prof. Shabbirali M. Champa [EE] [C] 2. Prof. Sumit M. Sharma [CIVIL] [CC] 3. Ms. Jigna H. Patel [PRO] 4. Prof. Sharvil B. Mistry [Civil] 5. Prof. Anand K. Joshi [EE] 6. Prof. Nikunj R. Nayak [ME] 7. Prof. Arpankumar P. Patel [Civil]	To look after the all benefits/scholarship etc. given by government and other bodies and informed to students and complete the process on time in liaison with student section committee.
28	First Year / Bridge Course Coordinator 1. Prof. Viral K. Pandya [ME] [C] 2. Prof. Shabbirali M. Champa [EE] [CC] 3. Prof. Sumit M. Sharma [CIVIL]	 Coordination of various GTU related activities considering all the GTU circulars etc. To help student sections/exam committee to carry out various activities as per GTU norms & circulars.
29	Format Committee 1. Prof. Viral K. Pandya [ME] [C] 2. Prof. Sumit B. Patel [CIVIL] [CC] 3. Ms. Rinkuben J. Patel [Principal PA]	 Committee will provide various format to fill data at institute level for uniformity of work in all Departments. Central sms template if required.
30	College Branding & Marketing Committee 1. Prof. Viral K. Pandya [ME] [C] 2. Prof. Sumit B. Patel [CIVIL] [CC] 3. Prof. Vishant M. Patel [ME] 4. Prof. Ami P. Patel [CE] 5. Prof. Sharvil B. Mistry [Civil] 6. Prof. Anand K. Joshi [EE] 7. Prof. Nikunj R. Nayak [ME] 8. Prof. Arpankumar P. Patel [Civil] 9. Prof. Henil D. Suthar [CE] 10. All Others HODs & All Others Staff	 Committee will do various activities for MARKETING MIX 4 P'S: Product, Price, Place and Promotion to strength the name of LCIT Parivar. Committee will do all efforts to increased Brand Name and Fame of LCIT Parivar.
31	Anti Sexual Harassment Cell 1. Ms. Jigna H. Patel [PRO] [C] 2. Prof. Ami P. Patel [CE] [CC] 3. Prof. Viral K. Pandya [ME] 4. Prof. Sumit B. Patel [CIVIL] 5. All Others HODs	 Work as per Supreme Court guidelines & as per UGC circular 1998. To develop the guidelines and norms for a policy against sexual harassment. To develop principles and procedures for combating sexual harassment. To work out details for the implementation of the policy. To prepare a detailed plan of action, both short and long term.

32	Equal Opportunities Cell 1. Prof. Shabbirali M. Champa[EE] [C] 2. Prof. Arpankumar P. Patel [Civil] [CC] 3. Prof. Anand K. Joshi [EE] 4. Prof. Nikunj R. Nayak [ME]	 To promote diversity and inclusive practices on the campus & provide the disadvantaged groups with adequate opportunities. To raise awareness regarding issues amongst the stakeholders & help to create an enabling & non discriminative environment for the disadvantaged groups in the institution of higher education. To ensure implementation of policies, schemes and programmes for the inclusion of underprivileged groups within the framework of policies and guidelines of the GOI/UGC.
33	SPIC MACAY Heritage Club 1. Prof. Shabbirali M. Champa [EE] [C] 2. Prof. Mayur K. Patel [CE] [CC] 3. Prof. Ami P. Patel [CE] 4. Prof. Khushbu N. Patel [CE]	 SPIC MACAY (Society for the Promotion of Indian Classical Music and Culture Amongst Youth) is a non-political, nationwide, voluntary movement founded in 1977 by Dr Kiran Seth, Professor-Emeritus at IIT-Delhi who was awarded the 'Padma Shri' for his contribution to the arts in 2009. Work as per guidelines of AICTE circular 15/07/2016.
34	Vigilance Cell 1. Prof. Sumit M. Sharma [CIVIL] [C] 2. Prof. Vishant M. Patel [ME] [CC] 3. Ms. Jigna H. Patel [PRO] 4. All HODs	Work as per AICTE guidelines.
35	College Transportation Committee 1. Prof. Sumit B. Patel [CIVIL] [C] 2. Prof. Henil D. Suthar [CE] [CC] 3. Prof. Ami P. Patel [CE] 4. Prof. Vishant M. Patel [ME] 5. All Others HODs	Look after the free college transportation facilities and maintained the details of transportation in formats for monthly billing.

15. MoUs with the Industry

Date	Name of External Agency	Brief Details of MOU
16/04/2021	DIGICO	Yash plaza, University Road, Patan
11/04/2021	STAD Solution	302, Sunrise Avenue, Stadium Commerce Road, Navarangpura, Ahmedabad
09/02/2021	TOPS Technologies Pvt. Ltd.	905, Samedh Complex, Chimanlal Girdharlal Road, Ellis Bridge, Ahmedabad
01/12/2016	Soft Concept	65, 1st Floor, Sona Complex, Kheralu Road, Visnagar
06/06/2017	Honneyway Techonology Pvt. Ltd.	2na Floor, Pvan Complex, Nr. BAliya Hanuman, Patan
28/11/2016	Zorens Infotech Pvt. Ltd.	217, 218, 2nd Floor, Dharti Manan Plaza, Mehsana
24/11/2021	Govrnment Enginnering College, Gandhinagar	GEC, Sector 28, Gandhinagar
16/04/2021	Meta Planners and Consultants	B-703 Royal Regency, Near Mevada green party plot, Nava Naroda, Ahmedabad-382330
05/04/2021	Maruti Infrastructure	154, Rajeev Gandhi Complex, Deesa-385535
01/04/2021	B B Construction	Old Para first line, Near Maniba Tower, Mehsana-384001
07/04/2021	N P Construction	Sudarshan Arcade, Borisana Road, Kalol-382721
22/06/2021	Sofcon India Pvt. Ltd.	Usmanpura, Ashram Road, Ahmedabad-380013
01/07/2021	Prolific Sysytem & Tech. Pvt. Ltd.	Ellisbridge, Ahmedabad-380006
24/06/2021	Krayonics Automation	Blue Irish, Vastral, Ahmedabad-382424
13/07/2021	Gayatri Electric Works	Palanpur, Gujarat-385001
09/07/2021	Krishna Electricals	Unjha, Mehsana-384170
17/03/2021	Ausperial Pharma	Ausperial Pharma, Prahlad Nagar, Ahmedabad,

		Gujarat
21/03/2021	Shri Ganesh Thresher	Shri Ganesh Thresher, Ashapura Agrotech, Near
		Relway Pul, Pachot-bypass, Mehsana, Gujarat
07/07/2021	K.M.Strips	K.M.Strips, Someshwar Industrial Park,
		Opp.Nirma,Nr.G.S.P.L Station Ahmedabad-
		Mehsana Highway, Mandali, Gujarat
17/03/2021	Nilkanth Auto Care	Nilkanth Auto Care, Nilkanth Autocare, Near
		Starline, Nagalpur, Mehsana, Gujarat

16. Admission Criteria

As per admission rules of AICTE & ACPC admission committee guidelines declared time to time. Pl. visit web: http://www.jacpcldce.ac.in for more details.

17. Admission Procedure

As per guidelines by Admission Committee for Professional Courses (ACPC), Ahmedabad

18. Information of Infrastructure and Other Resources Available

Number of Class Rooms and size of each

No. of Classroom	Total Area Sq.mt.
A-201	80.25
A-202	80.25
A-203	80.25
A-204	80.25
A-205	80.25
A-206	80.25
A-207	80.25
A-208	80.25
A-209	80.25
A-210	80.25
A-211	80.25
A-212	80.25

Number of Tutorial rooms and size of each

No. of Tutorial room	Total Area Sq.mt.
TR-6	40.12
TR-7	40.12

40.12
40.12
40.12
40.12
40.12
40.12
40.12
40.12
40.12
40.12
40.12

Number of Drawing Halls with capacity of each

No. of Drawing Halls	Total Area Sq.mt.
DH-1-Workshop	93.4
DH-2-Workshop	63.5

• Number of Computer Centres with capacity of each

No. of Computer Centers	Total Area Sq.mt.
A 113B	65
A 104	100

Hostel Facilities

Sr. No.	Name of Hostel	No. of Rooms	Capacity
1	Boys Hostel	60	240
2	Girls Hostel	120	480

19. Library

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

Sr no	Programme name	No. of books
1	Mechanical Engg.	5031
2	Electrical Engg.	5018
3	Civil Engg.	2967
4	Computer Engg.	6191
5	Electronics & Communication Engg.	4376
6	VLSI DESIGN PG	601
7	I/C AUTO PG	515
8	CE PG	511
9	PE & D PG	422
10	MACHINE DESIGN PG	420
11	GENERAL	1593
	TOTAL	27645

• List of online National/ International Journals subscribed

Name of the Journal	ISSN no	Website
Int. Journal of Mechanics & Design	2582 - 2896	www.journalpub.com
Auto Today	N A	
IUP Journal of Electrical and Electronics Eng.	0974 - 1704	www.iupindia.in
IEEMA Journal	0970 - 2946	
IUP Journal of Computer Science	0973 - 9904	www.iupindia.in
Open Source for You	2456 - 4885	www.opensourceforu.com
IUP Journal of Structural Engineering	0974 - 6568	www.iupindia.in
Indian Infrastructure	N A	www.inianinfrastructure.com
General Knowledge Today	N A	www.competitionreview.in
Drishti Current Affairs Today	N A	
Competition Affairs	N A	www.competitionreview.in
Latest Fact in General Knowledge	N A	www.eliberty.in

20. Laboratory and Workshop

List of Major Equipment/Facilities in each Laboratory/Workshop

Course	Name of the Laboratory	Lab / Major Equipment
Mechanical	AES	125 It solar water heater
		Solar parabolic cooker
		Solar water still (Order placed)
		Solar Drier(Order placed)
		Sunshine Recorder- Imported (Order placed)
		Surya Mapi (Order placed)

Mechanical	CAD /CAM LAB	IBM think center A50 with CD writer & DVD combo drive
		IBM think center A50
		Ethernet switch 16 port10/100 MBPS of D-link
		Stabilizer 7 KVA
		Lane cable
		Pro-engineer Wildfire 5 software
		CNC lathe trainer model CLT-100
		CNC M/C accessories
		CAM offline software
		Printer HP DNJ 30 Link jet A3 Size
		IBM RAM 512 MB
		Trainer 1010 Overhead Projector
		ANSYS (DVD) 11.0 (5DVD in One Set)
Mechanical	EGD	Geometric Models
		Various Solid Models
		Model of Penetration
		Projection of Straight line Apparatus
		Shaft Journal Bearing
		Split muff coupling
		Knuckle Joint
		Riveted Joint
		Flange coupling
		Riveted Joint
		Four Angle Stand
Mechanical	BME	Model of Lancashir Boiler
		Model of Cransh Boiler
		Model of Babcock & Wilcox boiler
		Model of Locomotive boiler
		Model of Cocharn Boiler
		Model of Vertical water tube boiler
		Stop Valve
		Steam Injector
		Combined High Steam
		Feed Check Valve
		Sectional Working Model of 4-s Diesel Engine
		Sectional Working Model of 4-s Petrol Engine
		Internal Exapanting Shoe
Mechanical	FMHM	Bernoulli's Theorem Apparatus
		Reynolds's Apparatus (Vertical Tube Type)
		Flow measurement Devices
		Triangular, Trapezoidal, Rectangular & V-Notch tank apparatus

		Pipe friction Apparatus
		Metacentric Height Apparatus.
		Free & forced Vertices Apparatus
Mechanical	FPE	Two stage two cylinder air compressor test rig energy meter type
		Closed circuit Francis turbine test rig
		Closed circuit Pelton wheel turbine test rig
		Closed circuit vertical shaft Kaplan turbine test rig
		Gear pump test rig
		Multi speed C.F. Pump test rig
		Reciprocating pump test rig
Mechanical	HMT	Pin-Fin efficiency
		Natural convection heat transfer test rig
		Forced convection heat transfer test rig
		Heat transfer through composite wall test rig
-		Heat conduction through the metal rod test rig.
		Thermal conductivity of insulating powder test rig.
		Parallel & Counter flow heat exchanger.
		Plate type heat exchanger.
		Thermal conductivity of liquid test rig.
		Drop & film wise heat transfer test rig.
		Unsteady state heat transfer test rig.
		Stiffen boltzman constant apparatus.
		Emisivity measurement test rig.
		Critical heat flux test rig.
		Boiling heat transfer test rig.
		Critical radius of Insulating material
		Heat Pipe
		Servo Voltage Corrector
Mechanical	ICE	Two stroke single cylinder engine (BAJAJ)
		Cooling system
		LPG gas system
		Suspension system
		Ignition system for SI engine
		Cut sectional gear box
		Model of single plate clutch
		Model of multi plate clutch
		Model of cone clutch
		Model of clow clutch
		Cut sectional hydraulic break
		Cut sectional model of differential gear box
		Four stroke four cylinder petrol engine with morse test testring

		Cut sectional model of carburetor for scooter
		Cut sectional model of carburetor for moped
		Cut sectional model of water pump
Mechanical	Kinematics and Dom	Cam Analysis Apparatus
coaca.	TANTOTTIALISS ATTA 2 STITL	Inversions of four bar mechanism
		Governor model
		Whirling of shaft Apparatus
		Universal vibration Apparatus
		Screw jack
		Static & dynamic balancing Apparatus
		Governor Apparatus
		Influence of Inertia upon Velocity& Acceleration
		Coriollier Component of Acceleration
		Electronic weight machine
		Single Stage Helical Gear (Order placed)
		Single Stage Spiral Gear (Order placed)
		Rack & Pinion (Order placed)
		Worm and Worm Wheel (Single) (Order placed)
		Cyclodial Gear (Order placed)
		" MC" make Digital Tachometer contact type range
Mechanical	M&I	0.9999 rpm (Order placed) Digital Vernier Caliper
Widefialliear	- Mai	Vernier Height Gauge
		Stroboscope (speed measurement testring)
		Sine Bar
		Universal Bevel Protector
		Pressure Transducer Set
		Strain Measurement
		Calibration of Thermocouple Test rig Indian
		Mechanical Comparator
		Tool Makers Microscope
		Profile Projector
		Surface Finish Tester
		Surface Plate
Mechanical	MT	Metallurgical Microscope
		C.C.T.V. System
		Refractory furnace with digital temp. control
		Metallographic Reference materials
		Polishing machine
		Ultrasonic flow dector model 4400MV with rechargable battery
		Jomney& Quench Apparatus HSN
Mechanical	THERMAL ENGG	Refrigaration cycle testring Air conditioning cycle testring
		All conditioning cycle testing

Mechanical heat pump testring Vapour absorption refrigeration test ring Working model of gas turbine plant De-level Turbine with Transparent window Pressure & Velocity compounded Steam Turbine Air & Steam Pressure Turbine Pure Reaction Steam Turbine Wind Mill Mode Mechanical THERMODYNAMIC Thermal Power Plant Modal Junker's gas Calorimeter Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files, 6shape, 1 rough, 1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper Vernier height gauge Firm joint caliper Ty block clamp Surface plate Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table, 1-13 drill Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL" Electrical drill			Ice plant testring
Working model of gas turbine plant De-level Turbine with Transparent window Pressure & Velocity compounded Steam Turbine Air & Steam Pressure Turbine Pure Reaction Steam Turbine Wind Mill Mode Mechanical THERMODYNAMIC Thermal Power Plant Modal Junker's gas Calorimeter Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files, 6shape, 1 rough, 1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper Vernier height gauge Firm joint caliper Viblock clamp Surface plate Steel scale "kristel" Steel scale "kristel" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table, 1-13 drill Depth gauge - protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			Mechanical heat pump testring
De-level Turbine with Transparent window Pressure & Velocity compounded Steam Turbine Air & Steam Pressure Turbine Pure Reaction Steam Turbine Wind Mill Mode Mechanical Mechanical THERMODYNAMIC Thermal Power Plant Modal Junker's gas Calorimeter Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files ,6shape ,1 rough ,1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier height gauge Firm joint caliper Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Steel scale "kristel" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table ,1-13 drill Depth gauge - protractor Marking punches "SMARAT" Takesaw machine "KAMAL"			Vapour absorption refrigeration test ring
Pressure & Velocity compounded Steam Turbine Air & Steam Pressure Turbine Pure Reaction Steam Turbine Wind Mill Mode Thermal Power Plant Modal Junker's gas Calorimeter Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files, óshape, 1 rough, 1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper Vernier height gauge Firm joint caliper Volock clamp Surface plate Steel scale "Kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table, 1-13 drill Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			Working model of gas turbine plant
Pressure & Velocity compounded Steam Turbine Air & Steam Pressure Turbine Pure Reaction Steam Turbine Wind Mill Mode Thermal Power Plant Modal Junker's gas Calorimeter Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files, óshape, 1 rough, 1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper Vernier height gauge Firm joint caliper Volock clamp Surface plate Steel scale "Kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table, 1-13 drill Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			De-level Turbine with Transparent window
Air & Steam Pressure Turbine Pure Reaction Steam Turbine Wind Mill Mode Mechanical THERMODYNAMIC Thermal Power Plant Modal Junker's gas Calorimeter Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files ,6shape ,1 rough ,1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm Joint caliper V block clamp Surface plate Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge — rortractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			
Wind Mill Mode Mechanical THERMODYNAMIC Thermal Power Plant Modal Junker's gas Calorimeter Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files ,6shape ,1 rough ,1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper Vernier height gauge Firm joint caliper Verlock clamp Surface plate Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge - protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			Air & Steam Pressure Turbine
Mechanical THERMODYNAMIC Thermal Power Plant Modal Junker's gas Calorimeter Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files, 6shape, 1 rough, 1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier height gauge Firm joint caliper Vernier height gauge Firm joint caliper Surface plate Steel scale "kristel" Steel scale "kristel" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge "IFAMARAT" Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			Pure Reaction Steam Turbine
Junker's gas Calorimeter Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Bench vice Files, óshape, I rough, 1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper Vehick clamp Surface plate Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table, 1-13 drill Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			Wind Mill Mode
Bomb Calorimeter Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files, 6shape, 1 rough, 1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table, 1-13 drill Depth gauge - protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"	Mechanical	THERMODYNAMIC	Thermal Power Plant Modal
Electronic Weight Balance Orsat gas Apparatus Mechanical WORKSHOP Bench vice Files ,6shape ,1 rough ,1 smooth File handles Dividers & calipers Surface gauge and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge – protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			Junker's gas Calorimeter
Mechanical WORKSHOP Bench vice Files ,6shape ,1 rough ,1 smooth File handles Dividers & callipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			Bomb Calorimeter
Mechanical WORKSHOP Bench vice Files,6shape,1 rough, 1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table, 1-13 drill Depth gauge with plain type Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			Electronic Weight Balance
Files.6shape.1 rough, 1 smooth File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table, 1-13 drill Depth gauge with plain type Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"	-		Orsat gas Apparatus
File handles Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge - protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"	Mechanical	WORKSHOP	
Dividers & calipers Surface gauges and scribers Surface gauge Scriber Punches square head non roll center punch "TAPARIA" Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table,1-13 drill Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			
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Engineering ball pen "TAPARIA" Metal oil can Vernier caliper Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge — protractor Marking punches "SMARAT" Hacksaw machine "KAMAL"			Surface gauges and scribers Surface gauge Scriber
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Vernier height gauge Firm joint caliper V block clamp Surface plate Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			Metal oil can
Firm joint caliper V block clamp Surface plate Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge — protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			Vernier caliper
V block clamp Surface plate Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			Vernier height gauge
Surface plate Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			Firm joint caliper
Steel scale "kristel" Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			V block clamp
Steel scale "kristel" Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			Surface plate
Angle plate "CI SMARAT" Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor, chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			Steel scale "kristel"
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Try square Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			Angle plate "CI SMARAT"
Wire brush Hand Hacksaw "BIBICO" Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			<u> </u>
Commercial frame Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			•
Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			Hand Hacksaw "BIBICO"
Measuring Tape Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			Commercial frame
Hacksaw blade Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			
Sensitive Drilling machineComplete with electric motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			
motor,chack and V-belt, with square table ,1-13 drill Depth gauge with plain type Depth gauge – protractor Marking punches "SMARAT Hacksaw machine "KAMAL"			
Marking punches "SMARAT Hacksaw machine "KAMAL"			motor,chack and V-belt, with square table ,1-13 drill
Marking punches "SMARAT Hacksaw machine "KAMAL"			Depth gauge – protractor
Hacksaw machine "KAMAL"			

		Grinder machine
		Hand operated shear
		Outside micrometer ,HIP
		Spanner Set
		Screw Driver Set, Taparia
ELECTRICAL	Basic Electrical Engineering	Kind of current system of Distribution line winding
	2g	Conductors, terminal & connections of condu, Cable fitting
		Lenz's law self & mutual induction
		A.C.Generator
		Treatment against electric shock
		D.C.generator& its parts
		Watt Hour meter
		Permanent Magnet Moving coil instruments
		M.I. instrument
		Fleming "s left hand rule
		Kirchoff's law.
		Newton's law of gravitation
		Single Phase Variac- "AE"2-Amp
		Single Phase Variac- "AE"8 -Amp
		Single Phase Variac- "AE"15 -Amp
		Single Phase Transformer "AE"
		Single Phase Load Bank,5 KW
		Single Phase Load Bank, 1.5 KW
		Power Capacitor, 2KVAR
		Power Capacitor, 4 KVAR
		Screw Driver, (5",6",8",10",12")
		Screw Driver With neon Lamp
		Plier + Cutter
		Moving Coil Voltmeter, 0-300V, AE make
		Moving Coil Voltmeter, 0-15/30V, AE make
		Moving Coil Ammeter, 0-2 A, AE make
		Moving Coil Ammeter, 0-5 A, AE make
		Moving Coil Ammeter, 0-10 A, AE make
		Moving Iron Voltmeter,0-600V, AE make
		Moving Iron Voltmeter,0-75-150-300V, AE make
		Moving Iron Voltmeter,0-300V, AE make
		Dynamometer type Wattmeter 2.5/5 A,150/300V,AE make
		Moving Coil Ammeter, 0-1/3/10 A, AE make
		Moving Coil Ammeter, 0-10 A, AE make
		Moving Coil Ammeter, 0-5 A, AE make

		Moving Cail Ammator O 15 A AE make
		Moving Coil Ammeter, 0-15 A, AE make
		Chock Coil, 1-Phase-5A
		Rheostate 100 ohm/5A
		LampLoad Single phase1.5KW
		Resistive load 1.5 KW,1- phase
		Chock coil, 3- phase 15 Amp
		Resistive load, 3-phase
		Rheostate, 200 ohm/2 amp
		B-H Trainer kit
		Analog Stop-Watch
		Decade Resistaancebox,PL :33.07, Toshniwal
		Decade Resistance box, AER- 40,
		Aquila make.
ELECTRICAL	Switch gear and protection	Non Directional Inverse Time Over Current Relay E/F O/C CDG 11
		Non Directional Inverse Time Over Current Relay CDG 31 E/F & O/C
		Non Directional Over Current IDMT Relay CDG – 21
		Self Powered Directional Inverse Time O/C OR E/F Relay CDD21
		High Speed Harmonic Restraint Differential Relay For Two Winding Transformer DTH31
		Definite Time Over Current Relay (Single Pole) Static, CTU – 12
		Microprocessor Based Induction Motor Protection Numerical Relay, MICOM p-211
		Restricted Earth Fault Relay Instantaneous Armature Type, CAG- 14
		Testing Equipment For Testing Of O/C & O/L Relays CFB
		SemaPhore Relay VAM12 (Total 4, 1 Faulty)
		Non Directional very Inverse Time Relay CDG 13
		Indication Lamp 240Volt (Red)
		Indication Lamp 240Volt (Green)
		Push Button Switch (Green & Red)
		Precision Limit Switch
		Rotary Switch (8 Way)
		Rotary Switch (F& R)
		Single Phase Preventer ,10 AMP
		Change Over Switch on Load 63A
		Contactor
	+	Suppressor
		Auxiliary Contactor block
		Thermal Load Relay, 16A
		MCB 16A, Single Pole
		MCB 10A, Single Pole
		MICD TOA, SITIGIE FOIE

RCCB, Single Phase , 16A
Contactor ,25A,(L&T)
Current Transformer ,10/5, 15VA
Current Transformer ,10/5, 30VA
Current Transformer ,100-5/5AMP
AC Portable Meter, 0/10AMP
AC Portable Meter, 0/0.1AMP
AC Panel Meter, 0-300V AC Panel Meter, 0-500V
Wattmeter 0.25/0.5/1 AMP 150/300/600 Volt
Potential Transformer Portable , (230/115V,15VA)
Potential Transformer Portable , (230/115V,30VA)
Rheostat ,9 ohm,12A,PL-13.01
Rheostat ,200 ohm,1.7A,PL-12.01
Rheostat ,500 ohm,1.7A,PL-14.01
Rheostat ,18 ohm,5A,PL-12.01
Rheostat ,200 ohm,2.8A,PL-15.01
Rheostat ,1200 ohm,0.6A,PL-12.01
Rheostat ,21 ohm,2.8A,PL-11.01
Winding Temperature Indicator, 2000°C
Single Phase Isolator ,63A
Auto Transformer ,0-270V,5A, Single Phase,50HZ
Transformer,3-Phase 230V/115V,3KVA Air Cooled
Rheostat ,12 ohm,10A
Protection C.T. with Wooden Box, 7.5/1A
Protection C.T. with Wooden Box, 10/1A
Protection C.T. with Wooden Box, 15/1A
P.T. with Wooden Box, 250/110V, 5VA
3-Phase Variac ,0-470Volt,15A
Synchronscope
·
HRC Fuse ,80KA, 32A
HRC Fuse Base
HRC Fuse, 10A
D- Type Cartridge Fuse 6A with,50KA
Drop Out Fuse (H.V.expulsion),5AMP
MCB , 32 A , 4 Pole
Digital Tong Tester Model- 2250 Meco.
3-Phase/1-Phase Clamp on Meter Model No.4500
Drop Out Fuse,5A
4mm Cable lugs
Lug Climping Tools 6mm
3-Phase Energy meter, 5A Analog with Acrylic body
3-Phase Energy meter, 5A Digital
[24]

		Earth Tester
		Gas Operated Relay, Buchhoz RelayGOR-1
		Potential Transformer 250/110V, 5VA
		SMPS
		Digital Thermometer
ELECTRICAL	Electrical Machine	Electric Panel Table
		D.C.shunt motor: 3.7 kw, 230 V,1500 rpm Coupled to D.C. Compound generator: 2.2kw, 230 V, 1500 rpm. "ALFA" make.
		D.C. shunt motor: 3.7 kw, 230 V, 1500 rpm Coupled to D.C series generator: 2.2kw, 230V, And 1500 rpm."ALFA" make.
		D.C. shunt motor: 3.7 kw, 230 V, 1500 rpm Coupled to Synchronous generator: 2.2kw, 230V, And 1500 rpm."ALFA" make
		Three phase induction motor: 3.7 kw, 440 V,1500 rpm Coupled to D.C compound generator: 2.2kw,230V,1500 rpm."ALFA" make
		Three phase induction motor with pony brake arrangement, 2.2kw, 440V, and 1500rpm."ALFA" make
		Single phase transformer: 230/115 V with tapping 0%, 50%, 86.6% and 100%.
		CRO 20 Mhz, dual trace, "anshuman "make
		Three phase variac Input: 440 V,Output: 0-470 V,20A.
		Auto transformer starter
		Star-Delta starter
		Direct online starter
		Three Point starter
		Four point starter
		Tachometer, 0-9999 rpm
		Power factor meter C.T. coil 10 A, P.T. coil 125/250/500 V
		Frequency meter,40/50/60 Hz, 110/230/440 V, "kew" make
		Frequency meter, 40/50/60 Hz, 110/230/440 V."AE" make
		Three phase resistive load
		Dynamo type Wattmeter 10/20A,300/600V. "KEW" make
		Dynamo type Wattmeter 05/10A,0/150/300/600V. "KEW" make
		Dynamo type Wattmeter 10/20A,300/600V. "AE" make
		Dynamo type Wattmeter 05/10 A, 0/150/300/600V. "AE" make
		Moving Coil Ammeter 0-10/20A,"kew" make
		Moving Coil Ammeter 0-10/20A,"AE" make
		Moving Coil Voltmeter.0-75/150/300V,"KEW" make
		Moving Coil Voltmeter. 0-75/150/300V,"AE" make
		Moving Iron Ammeter, 0-10/20A,"KEW" make
		Moving Iron Ammeter, 0-10/20A,"AE" make
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Moving Iron Voltmeter, 0-75/150/300V,"KEW" make
Moving Iron Voltmeter, 0-150/300/600,"KEW" make
Moving Iron Voltmeter, 0-75/150/300,"AE" make
Moving Iron Voltmeter, 0-150/300/600,"AE" make
Single phase lamp load , 1.5 KW
Rectifier Set
R-L-C series Parallel Resonance Kit
D.C.Machine Cut view model 1 KW
Cut view of Three phase induction motor, 3.7 KW
Knief Switch, 10 A
Diode Bridge Rectifier (10A)
Drill Machine (Black & Decker)
 Three phase lamp load
·
Moving iron Ammeter Range 0/3/10 A , AC/DC KEW Make
Moving iron Ammeter Range 0/5 A , AC/DC KEW Make
Moving iron Ammeter Range 0/20/30 A AC/DC KEW Make
Moving iron Voltmeters Range -0/15/30 V ,AC/DC KEW Make
Moving iron Voltmeters Range -0/75/150/300 V ,AC/DC KEW Make
Moving iron Voltmeters Range -0/150/300/600 V ,AC/DC KEW Make
Watt meters Range 0/5/10/20 V,0/5/10/15 A AC/DC KEW Mke
Multimeters (DIGITAL) MECO Make,9A, 06
1 – phase Variac (5A) Range 230/270 V KEW Make
TPDT, Knief Switch 20 A
Clamp on meter
Winding Machine
2HP DC Shunt motor 230V, 1500 rpm with PONY brake & flywheel arrangements motor should mounted on MS channel
2 HP,230V,1500 rpm DC Shunt motor # 2 HP,230 V,1500 rpm DC Shunt generator (identical for hopkinson's test) Set should mounted on MS channel
2 HP,230V,1500 rpm DC series motor coupled with 2 HP,230 V,1500 rpm DC series generator (identical) set should mounted on MS channel
3 HP ,230 V ,1500 rpm DC shunt motor # 2 KVA, 440 V , 50Hz , 3-phase cylindrical pole alternator set should mounted on suitable MS channel
2 HP ,230 V ,1500 rpm DC shunt motor # 1KVA, 440 V , 50Hz , 3-phase induction generator set should be mounted on suitable MS channel
5 HP 1500 rpm 440 V ,50 Hz , 3- phase induction starts synchronous motor with PONY break arrangements with suitable starter set should mounted on MS
channel 1 – phase ½ HP ,50 Hz 1500 rpm, repulsion induction

		motor
		2H.P. 3-Phase 440V squirrel cage motor with pole
		changing
		2 HP ,440 V ,990 rpm, slip ring induction motor with PONY break arrangements with suitable starter set
		should mounted on MS channeL
		Brushless alternator 2.5 KVA,3-phase,440,50 Hz
		should be mounted on suitable MS channel 2 KVA,50 Hz 440/220 V 3- phase transformer with off
		load tap changing arrangements (5%,2.5%,0-2.5-5
		%)ss 1-phase rectifier with filter,10A
		•
		Drill Machine "kulkarni" Make (KPT)-563 13-mmSr.No 454-115
		Single phase1KVA 230/115 Air cooled Transformer
		2.5HP,230V,1500rpm Single phase induction motor
		3Windings Transformers (3KVA), 18terminal
		3Windings Transformers (3KVA), 12terminal
		Ammeter(0-1-3-10A),AC/DC
		Portable Wattmeter (low power Factor 0.2)0-50-100-200Volt 0-5-10AMP
		Portable Wattmeter(low power Factor 0.2)0-125-250-500Volt 0-1-2AMP
		3Phase Variable Chock coil 30AMP
		1Phase meter Test bench
		1Phase low power Factor meter 120-240V,5-25AMP
		Digital Lux meter
		Motor Checker
		Megger-Insulation Tester
		Growler
		Ammeter, DC(0-5-10-50-100)mA
		Voltmeter DC(0-25-50) V
		Energy meter 3-Phase in Acrylic body
		Analog Type Stop Watch
ELECTRICAL	Control System	Open loop control system
LLLOTRIOTL	oontrol dystein	Basic feed back control system
		Type "O" control system
		Type "1" control system
		Type "2" control system
		Test signal generator (for type 0,1,2 control system)
		Ratio control system
		Proportional (P)control system
		Proportional integral (PI) control system
		Proportional derivative(PD) control system
		Proportional integral derivative(PID) control system
		Bode plot demonstrator
		Lead-Leg networks (Passive & active)

Potentiometers and effect of loading
Measurement of linear displacement using LVDT (digital)
Measurement of strain using strain gauges (digital)
Measurement and control of temperature using RTD probe (digital) (with heating process)
Measurement and control of temperature using thermocouple (digital) with heating process
Measurement and control of temperature using thermister (digital) with heating process
Measurement of angular displacement using capacitive transducer (digital)
Stepper motor demonstration unit with 3.5 kg cm ,Torque motor.
A.C. position servo (servo stabilizer) system demonstration unit
D.C. position servo system demonstration unit
D.C. servo motor (speed-Torque) demonstration unit
A.C. servo motor (speed-Torque) demonstration unit
A.C. Position Control System
A.C. synchro: transmitter & receiver demonstration unit
A.C. synchro : Differential generator demonstration unit
A.C. synchro: control transformer demonstration unit
Magnetic Amplifier
30 MHz Oscilloscope ,HM203G, Scientific make.
3- MHz, Function Generator, model HM-5030-4, Scientific make
0-75/150/300 mV ,Voltmeter,KEW make.
0-250/500/1000 micro Amp, Ammeter, KEW make.
Proportional integral Derivative (PID) control system
Test Signal Generator
Cyclo converter Trainer
DC Shunt Motor Speed Control Trainer
Op-Amp Trainer kit
MOSFET Trainer kit
LC Oscillator Trainer kit
RC Coupled Amplifier
Class-A Amplifier
Class-B Amplifier
Class-C Amplifier
Class-B push pull Amplifier
Transistor Characteristics
BistableMultivibrators Trainer kit
UJT Characteristics
FET Characteristics

		DIAC Characteristics
		TRAIC Characteristics
		SCR Characteristics
		LDR Characteristics
		Photo Diode Characteristics
		Photo Transistor Characteristics
		Opto-Coupler Characteristics
		Clipping & Clamping Circuit
		Schmitt Trigger
		RC Phase shift Oscillator
		Darlington Transistor Amplifier
		Regulated DC Power Supply
		UPS 500VA
		Digital Multimeter
		Voltmeter 75 / 150 / 300 mV
		Voltmeter 150 / 300 / 600 mV
		Ammeter 250 / 500 / 1000 μA
		Ammeter 100 / 300 / 500 mA
		Ammeter 250 / 500 / 1000 mA
		Digital Storage Oscilloscope
ELECTRICAL	Measurement	Maxwell Bridge , "Ed kit " make
		Desauty Bridge, "Ed kit " make
		Schering Bridge , "Ed kit " make
		Decade Capacitance Box –
		"Ed kit " make- 4 Dial
		"Ed kit " make- 6 Dial
		Decade Inductor Box –
		"Ed kit " make- 4 Dial
		"Ed kit " make- 6 Dial
		Rheostate- " LABIN " make
		10 Amp, 33 Ω double tube
		5 Amp, 100 Ω
		2.8 Amp, 150 Ω
		1.7 Amp, 330 Ω
		Rheostate- " Toshniwal" make
		2.8 Amp,140 Ω , Single tube.
		1.7 Amp, 400 Ω
		Single Phase Energy Meter 5/10 Amp , ISI Jaipur
		Megger Hand Operated "NIPPEN" make,500V
		Kelvin Bridge
	_	
		Power Supply Current Source
		Power Supply Current Source Conductivity Clamp- 100 cms "TOSHNIWAL"

		Spot Reflecting Galvanometer , PL-64 "TOSHNIWAL" make.
		WheastoneBridge , "TOSHNIWAL" make.
		Portable Potentiometer, "TOSHNIWAL" make. PL-52 N
		Digital Stop Watch , "GEM " make
		Voltmeter,75-150-300mV
		Instrumentation Tutor for Load Cell (LC-21) - Using Strain Gauge, Capacity- 2 kg.
		Characteristics of Strain Gauge (SG- 10) - Capacity: 1 kg. with one set of Weights
		Study of Linear Variable Differential Transducer (LVDT), (LVDT- 10 A).
		Hall Effect Experiment Hall Probe "Ge" Crystal p- type - Hall Probe Wooden Stand - Digital Hall Effect Set- Up (DHE-21) - Digital Gauss Meter (DGM-100)
		Instrumentation Tutor for Pressure Measurement (P- 12)- Using Strain Gauge Transducer
		Measurement of Force Trainer using Force Transducer
		Demonstration Set- Up for Water Level Transducer (CPI- 107) - Using Capacitive type Transducer Study of Torque Measurement Trainer (TM- 10)
		, ,
		RTD Demonstration Set –Up (T-10 B) - Using PT-100 type Transducer
		Measurement of Linear Displacement of Light Dependent Resistor (LDR) Trainer A light source fitted in a housing which is mounted in a channel with appropriate digital scale, power source: 230 V, 50 Hz.
		Study of Angular Displacement Trainer (CPI - 07) - Measurement of angle using Capacitive type Transducer.
		Level Controller Trainer using Inductive Transducer
ELECTRICAL	Power Electronics and PEED	Scientech make 25 MHz 2Channel 4trace Oscilloscope with built in Function Generator (ST251)
		Scientech make 25 MHz 2Channel 4trace Oscilloscope with built in Power Supply(ST251)
		Rishabh make Digital Multimeter (15S)
		Scientific make 3MHz Function Generator HM5030-4 with Digital readout of Frequency, Sweep mode etc.
		Scientific Dual Power Supply 30V, 5A with Digital Display of Voltage and Current PSD-3203 Scientific 4 16 digit Microprocessor based True PMS
		Scientific 4 ½ digit Microprocessor based True RMS Auto Ranging DMM HM5011-3A Protek make 4 4/5 True RMS DMM with built in RS 232
		Interface & Software 608
		HEMAG make Current Probe HZ 56
		Voltmeter, 75/150/300 mV
		Ammeter, 250/500/1000 µA
		Ammeter, 100/300/500 mA
		Ammeter, 250/500/1000 mA
		3phase half&full control rectifier
		Mosfet Chopper
		Series Inverter

		Parrellel Inverter	
		DV/DT Limitation of scr	
		A.F Output meter	
		Voltage Commulated Chopper	
		Zero voltage switching trainer	
		Universal motor speed control using SCR	
		Singal phase controlled bridge rectifier.	
		Singal phase Full wave half controlled bridge rectifier.	
		Triggering circuits of SCR	
		Forced commutation circuit Trainer	
		Curve Tracer	
		Characteristic of IGBT	
		Anderson bridge trainer	
		Hay's bridge trainer	
		Owen's bridge trainer	
		Wein bridge trainer	
		Universal impedence bridge	
		Decade capacitance box. (4-dials)	
		Decade capacitance box. (6-dials)	
		LCR Q meter	
		Power Analyzer	
		Digital Gauss meter	
		U.P.S. Demonstrator (HITECH)	
		Single Phase AC to AC Voltage Controller Trainer	
		Three Phase AC to AC Voltage Controller Trainer	
		Single Phase Inverter Trainer	
		Three Phase Inverter Trainer	
		Switched Mode DC-DC converter Trainer	
		Separately Excited DC Motor Drive (Chopper Fed)	
		DC Circuit Breaker Trainer	
		Three Phase Variable Frequency I.M Drive	
		Single Phase Variable Frequency I.M Drive	
		Synchronous Motor Drive	
		PMBLDC Motor Drive	
		Stepper Motor Drive	
		SRM Drive	
		Single Phase Dual Converter Rectifier Trainer	
		Dual Power Supply	
		Multimeter	
		Matlab Software	
ELECTRICAL	Microprocessor and	"ALPHA" make 8085 microprocessor training kit	
	Computer	Model: ACL 8501	

"Adtron":- make Digital IC trainer kit
"ALPHA" make 8085 Microprocessor training kit
Model: ACL 8506
"ALPHA" make 8086 Microprocessor training kit Model: ACL 8601
"ALPHA" make 8051 microcontroller training kit
Model: ACL 8301
PLC TRAINER. I/O expansion system; "Edutech": Make Embedded Lab-1
(a) 8051 Tutor
(b) 8051 C-Cross Compiler And Simulator
(c) C-Programming Tutor
(d) Visual Program Builder
(e) Educational Practice Board
(f) LCD Matrix Key Board Interfacing Kit
(g) Read-Time Clock& EEPROM Interfacing Kit With LCD
(h) 8-Bit ADC Interfacing Kit With Onboard LCD
(i) 8-Bit DAC Interfacing Kit
(j) Stepper Motor Interfacing Kit With 2 Kg. Stepper Motor And Power Supply
(k) Traffic Light Control Demonstration Kit
(I) I/O Expansion Kit
(m) 7-Segment Display / Matrix Key Board Interfacing Kit
8251 study card
8259 study card
DC motor controller card
8253 study card
Latch Buffer; Decoder Interface
Computer Set
(1) C.P.U
(2) Moniter
(3) Key Board
(4) Mouse
Computer Set
C.P.U
Moniter
Key Board
(4) Mouse
UPS 500VA Invertor 'Pulsive'10 Min Backup
Ethernet Switch 24 Port 10/100 MBPS D-link
Lan Cable
RJ 45 Connectors
Network Card 10/100 MBPS
CASPOC Software for Power Electronics
 [20]

	MiPower 6.0 Software for Power System
+	Learning CDs
	(1) Electro Magnetism
+	(2) D.C. Machines
+	(3) Three Phase Transformers
	(4) Synchronous Machines
	(5) Induction Motors
+	(6) fractional (FKW) motors
_	
	(7) Special purpose Machines
	(8) sub stations
	(9) Switch gear system
	(10) Protection scheme
	(11)Industrial control circuit
	(12)Static control of machines
	(13) Measuring Instruments
	Printer HP LJ 1020
	Lenova server set
	Mouse (Logitech optical mouse)
	Port d- link switch
	CPU IBM , Ibm 17" TFT ,
	TraRam004 ,512MB,DDR2 667
	SeghDD002 ,Book Hardisk
	Cab Usb 002,usb casing
	HpLeser jet 1020 +printer,hpprn00020,hplj1020+
	HP Scan 0004,Hpsy2410,scaner
	Mouse logi optical (B)
High Voltage	30 KV Testing Transformer with Control panel
	40 KV Rectifier Set
	40 KV Filter
	40 KV Resistance Divider
	30 KV Capacitance Divider
	50 mm Sphere gap Assembly
	0-60 KV oil test Kit
	0-5 KV Insulation Tester
	100 KV Impulse Generator (5 Stage, each of 20 KV)
	Rod Gap Apparatus
	Electrolytic Tank With Electrode control panel & digital meter
	Horn Gap Apparatus with Transformer
	Corona Study cage without transformer
	Grounding Hardware Pipe
	E.P.S. Study kit
Surveying	Plane table board, with stand, alidade, Plumbing fork,

spirit level, through compass Prismatic compass with Tripod Optical square		
Optical square		
Cross Staff Open type (with stand)		
Cross Staff Octagonal Type		
Aluminum Levelling Staff (4M)		
Metric Chain 30M Metric Chain 20 M		
Freemans (30 M), Fiber (20 M)		
Ranging Rod- 3M		
Steel arrow		
Auto level with Tripod		
Dumpy level with stand		
Free man's steel tape (20 M)		
Planimeter		
Vernier theodolite		
Wooden peg		
Total station with stand, prism stand		
Surveyors compass with tripod		
Line ranger		
Steel pegs		
Freeman's steel tape (30M)		
Optical square		
Leveling staff		
Metric chain (20M) with arrow		
Metric chain (20M) with arrow		
Open cross staff with stand		
CIVIL Highway		
Engineering C.B.R. TESTING MACHINE		
MARSHAL STABILITY TEST MACHINE		
DENSITY BASKET		
STANDARD PENETROMETER		
RING &BALL APPARATUS SPECIFIC GRAVITY BOTTLE		
CLEAVELAND FLASH & FIRE POINT APPARATU	2	
DUCTILITY TESTING MACHINE	<u> </u>	
TAR VISCOMETER		
CIVIL Engineering Geology SET OF ROCKS		
SET OF MINERALS		
SET OF EARTH MINERAL		
RR073-Interior of Earth		
RR076-Rocks And Volcanoes		
RR082-Formation of rocks		
RR085-Model Earthquake RR086-Folds And Faults		
RR086-Folds And Faults RR091-Deformation of the earth (Folds And Faults)	ılts)	
RR095-Mass Movement of Earth	4113 <i>)</i>	
RR100-Ground Water		

		Geological Map of India	
		Geological Map of Gujarat	
CIVIL	Engineering Geology	CONDUCTIVITY METER (TABLE MODEL) (M.T.C.)	
		COD DIGETION APPARATUS	
		HIGH VOLUME SAMPLER	
		DIGITAL PH METER DELUXE MODEL	
		BOD LICUBATORS	
		SOUND LEVEL METER	
CIVIL	Concrete Technology	Fine Sieve	
CIVIL	concrete recrinology	Course Sieve	
		Vicat needle appartus	
		Slump test Appartus	
		Le ChaliterMould Set	
		Le Chaliter Flask	
		Flow Table	
		Mortar Mixer	
		Vibrating Machine	
		Weight Balance 5 kg	
		Weight Balance 10 kg	
		Weight Platform Balance 300 kg	
		Hot air Oven	
		Cube Mould 5 X 5 X 5 cm	
		Cube Mould 7.06 X 7.06 X 7.06 cm	
		Cube Mould 15 X 15 X 15 cm	
		Blain Air Permeabillity Apparatus	
		Compaction Factor Appartus	
		Los angle abrasion testing machine.	
		v v	
		Aggregate impact value apparatus.	
		Rebound hammer	
		Flakiness index(gauge).	
		Elongation index(gauge).	
		Aggregate crushing value Apparatus.	
CIVIL	Engineering	Universal Force Table	
	Mechanics		
		Inclined Plane Kit for Law of Friction	
		Screw Jack	
		Mass Moment of Inertia	
		Single Purchase Crab	
		Wheel & Diff. Axle	
		Parallel Force Apparatus, Over Hang Beam Type.	
		Train Gear Wheel	
		Stop Watch	
CIVIL	Geo Technical	- Ctop Trates:	
OIVIL	Engineering	VISUAL IDENTIFICATION AND SPECIFIC GRAVITY	
	2. iginioon nig	HYDROMETER ANALYSIS	
		PLATIC LIMIT TEST	
		LIQUID LIMIT TEST	
		SHRINKAGE LIMIT TEST	
		PROCTOR COMPACTION TEST	
		RELATIVE DENSITY	
		CORE CUTTER & SAND REPLACEMENT	
		PERMEABILITY TEST APPARATUS	
		CONSOLIDATION APPARATUS	
		DIRECT SHEAR TEST APPARATUS	
· · · · · · · · · · · · · · · · · · ·		UNCONFINED COMPRESSION TEST APPARATUS	

		TRIAXIAL TEST APPARATUS	
		SAMPLING AUGER (100 mm diameter)	
		DYNAMIC CONE PENETRATION TEST APPARATUS	
		SWELL TEST APPARATUS	
		MOISTURE METER	
		VANE SHEAR APPRATUS	
		SWELL TEST APPARATUS	
		RAPID MOISTURE METER	
		DYNAMIC PANITRATION TESTING MACHINE	
		SAMPLING AUGUR	
		LABORATORY VANE SHEAR APPARATUS	
H&S	PHYSICS	P-N Junction Diode Kit	
1.00	11110100	Ultrasonic Interferometer	
		Four Probe Method Kit	
		Solar cell Characteristics set up	
		Young's Modulus kit	
		Fiber Optic Trainer(Link-A)	
		Hysteresis Loop Trace	
		Fiber Optic Trainer (LASER Diode kit)	
		Hall Effect Trainer	
COMPUTER	Computer Software	Computer Software Laboratory	
SCIENCE &	Laboratory	Lenovo Think Centre Intel Core2Duo CPU, 2.20 GHz, 1	
ENGINEERING		GB of RAM, 160 GB HDD-Total Unit-28	
		Computer Graphics Laboratory	
		LENOVO INTEL(R) CORE(TM)i5-8400 CPU@2.8GHZ	
		4GB RAM 1TB HDD- Total Unit-28	
		Computer Design Laboratory-I	
		LENOVO INTEL(R) CORE(TM)i5-8400 CPU@2.8GHZ 4GB RAM 1TB HDD- Total Unit-28	
		Computer Design Laboratory-II	
		LENOVO INTEL(R) CORE(TM)i5-8400 CPU@2.8GHZ	
		4GB RAM 1TB HDD- Total Unit-28	
		Computer Project Laboratory	
		Lenovo Think Centre Intel Core2Duo CPU, 2.20 GHz, 1	
		GB of RAM, 160 GB HDD- Total Unit-30	
		Language Laboratory	
		Lenovo Think Centre Intel Core2Duo CPU, 2.20 GHz, 1	
		GB of RAM, 160 GB HDD- Total Unit-60	

21. Computing Facilities

Sr.No	Particulars	Availability	
1.	No of Computer terminals	300	
3.	Hardware specification	Lenovo Think Centre Intel Core2Duo CPU, 2.20 GHz, 1 GB of RAM, 160 GB HDD	
3.	System Software	3	
4.	Application Software	21	
6.	Peripheral(s) / Printers	18	18
7.	Internet Accessibility (in kbps	100MBPS	

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

 Latest updated copy of university syllabus available on https://syllabus.gtu.ac.in/Syllabus.aspx?tp=BE

23. Academic Calendar of the University

• Latest updated copy of University academic calendar available on https://www.gtu.ac.in/AcademicCal.aspx

24. Training and Placements Detail

 Latest updated copy of Training and Placement Details on https://drive.google.com/file/d/10rconZWws2B7KXbCv8lrjVuap2iRihq7/view?usp=sharing

25. LCIT Parivar Activities Appreciated by Media

• Latest updated copy of LCIT Parivar available Activities Appreciated by Media on https://drive.google.com/file/d/1QUqFnJaYdjQwqquo12BXtw-vK5uwU5K1/view?usp=sharing

26. List of Carried out Activities for Students & Staff Under ISTE Students Chapter & Staff Chapter

 Latest updated copy of Activities for Students & Staff Under ISTE Students Chapter & Staff Chapter available on https://drive.google.com/file/d/1xhNITSBd4aZc-tvYz yatomTzHojFZ9B/view?usp=sharing

For more updated details & to know scholarship details pl. visit our website: bit.ly/lcitbhandu & www.lcit.mlct.org.in