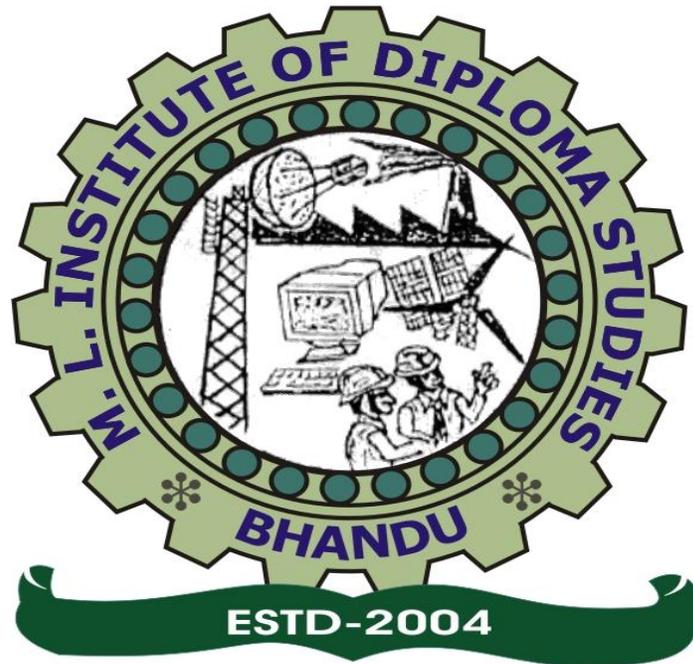


ANNEXTURE - A

M. L. Charitable Trust, Mumbai Sanchalit

**MANCHHIBA LALJIBHAI INSTITUTE OF DIPLOMA
STUDIES**

**MANDATORY DISCLOSURE
FOR THE ACADEMIC YEAR 2010-11**



At & Post: Bhandu-384 120, Lalji Park, Ta: Visnagar, Dist.: Mehsana (Gujarat)
Ph. No. 02765-287263/287145, Fax: 02765-287945/ 02765-287357
URL: www.mlids.org Email: mlidsbhandu@yahoo.co.in

I. Name of the institute

Manchhiba Laljibhai institute of Diploma Studies (MLIDS)

Address:

At & Post: Bhandu-384 120, Lalji Park, Ta: Visnagar, Dist.: Mehsana (Gujarat)
Ph. No. 02765-287263/287145, Fax: 02765-287945/ 02765-287357
Email: mlidsbhandu@yahoo.co.in

II. Name & Address of the Director

Prof. L C Pandya (Principal)

Address:

At & Post: Bhandu-384 120, Lalji park, Ta: Visnagar, Dist.: Mehsana (Gujarat)
Ph. No. 02765-287263/287145, Fax: 02765-287945/ 02765-287357
Email: lcpannya@yahoo.co.in

III. Name of the affiliating university

Gujarat Technological University, Ahmedabad And
Technical Examination Board, Gujarat state, Gandhinagar

IV. Governance

(1) Member of the board and their brief background.

Sr.No.	Name	Position	qualification
1.	Shri B L Patel	Chairman	M S Mech. USA
2.	Shri P L Patel	Trustee	B E Mech.
3.	Shri H L Patel	Trustee	B E Mech.
4.	Shri D L Patel	Trustee	B E Mech.
5.	Shri L B Patel	Trustee	B A
6.	Shri D J Patel	Trustee	B E Civil
7.	Prof. L.C. Pandya Principal	Member Secretary	B E (Mechanical)

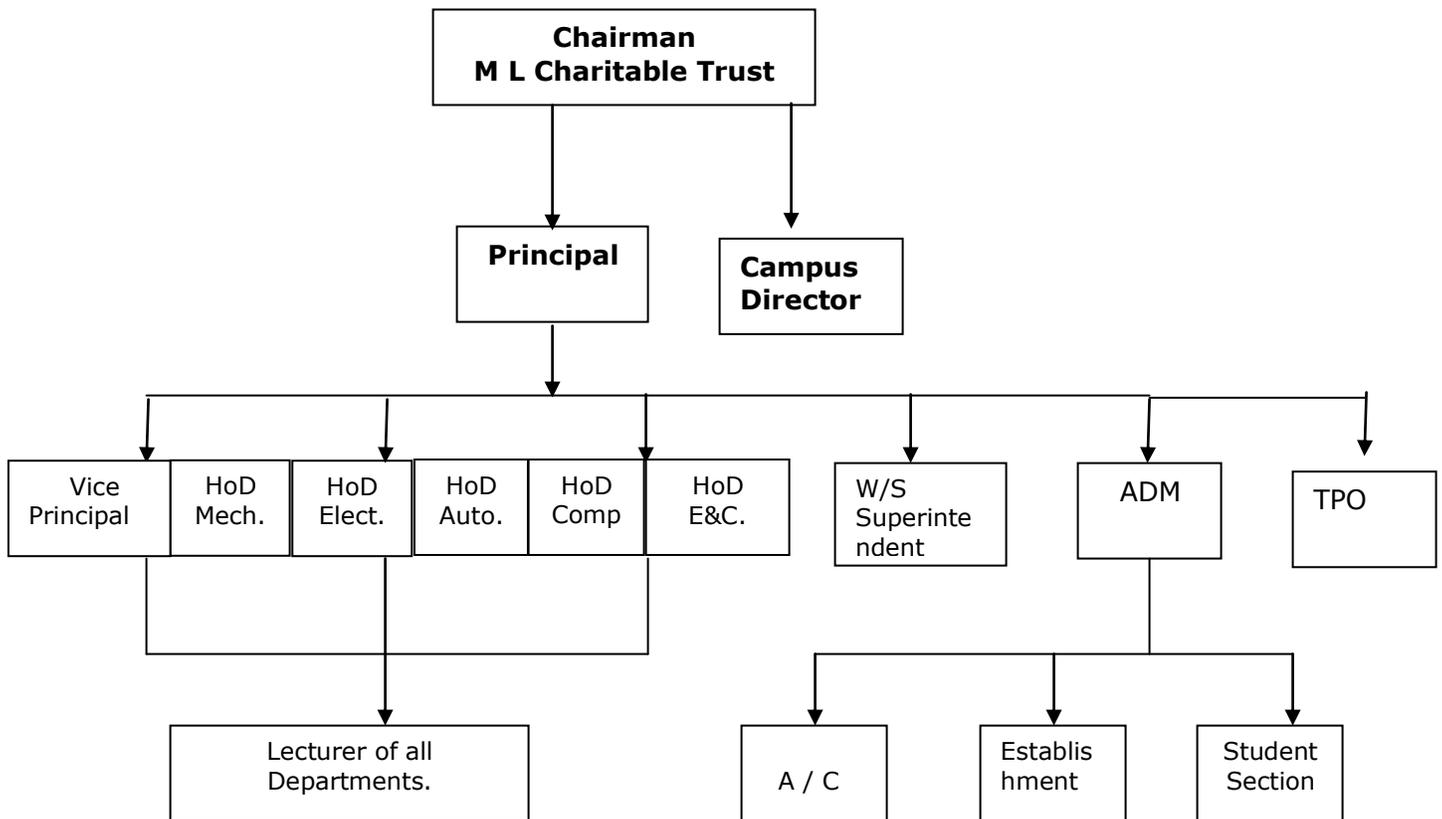
(2) Member of the Academic Advisory Body.

Shri L C Pandya
Shri D J Patel
Shri S P Patel
HoD of all Department

(3) Frequency of the Board meeting:

Ones in Year
Academic Advisory Body
Every term and as required

(4) Organizational chart and process



(5) Nature and extent of involvement of faculty and students in academic affairs / improvements

Full Involvement

(6) Mechanism / norms and procedure for democratic / good governance

Bottom up participation is always encouraged.

(7) Student feedback on institutional governance / faculty performance

By the way of meeting with students and parents periodically.

(8) Grievance redressal mechanism for faculty, staff, and students

For faculty and staff the redressal is done by principal and when required by principal and members of management for students grievance redressal group of faculty along with principal is done.

V. Programmes

(1) Name of the programmes approved by the AICTE

1. Mechanical Engineering
2. Electrical Engineering
3. Automobile Engineering
4. Computer Engineering
5. Electronics and Communication Engineering

(2) Name of the programmes accredited by the AICTE

For accreditation the institute will become eligible only after 2008.

(3) Details of each programme

Name	Seats	Duration	Fee
1. Mechanical	120	3 Years	26000 / -
2. Electrical	60	3 Years	26000 / -
3. Automobile	120	3 Years	26000 / -
4. Computer	60	3 Years	26000 / -
5. E & C	60	3 Years	26000 / -

- **Cut off marks for admission during the last three years.**

Year 2007-08

Branch	Quota	Category		
		SC	SEBC	Open
Mechanical	State	311	319	224
Electrical	State	285	304	318
Automobile	State	283	271	413
Computer	State	234	279	331
E & C	State	334/650	239/500	249/500

Year 2008-09

Branch	Quota	Category		
		SC	SEBC	Open
Mechanical	State	311	319	338
Electrical	State	285	304	318
Automobile	State	283	271	305
Computer	State	234	239	248
E & C	State	229	239	249

Year 2009-10

Branch	Quota	Category		
		SC	SEBC	Open
Mechanical	State	297	339	340
Electrical	State	262	264	307
Automobile	State	305	317	359
Computer	State	204	282	361
E & C	State	--	225	265

All the seats filled up by central Diploma Admission committee during year 2006-07

- **Placement Facilities**

Available
Mr. Gandhi Working as a TPO for institute

- **Campus placement in last three years with minimum salary, maximum salary and average salary**

Branch	Year			Min-max salary
	2007-08	2008-09	2009-10	
Mechanical	01	03	Appearing	Min-5,000/- Max-12,500/-
Electrical	01	02	Appearing	Min-6,500/- Max-8,000/-
Automobile	15	07	Appearing	Min-8,000/- Max-12,000/-
Computer	N A	N A	N A	N A
E & C	N A	N A	N A	N A

(4) **Name and duration of programmes having affiliation / collaboration with foreign university/ institution**

----- N A -----

VI. Faculty

(1) **Branch wise list of faculty members**

Branch	Permanent	Visiting	Adjunct	Guest
Mechanical	10	-	-	-
Electrical	8	-	-	-
Automobile	7	-	-	-
Computer	9	-	-	-
E & C	7	-	-	-
Civil	2	-	-	-
Others	3	1	-	-

Permanent Faculty: Student ratio: - 20.07:1

(2) **Number of faculty employed and left during last three years:**

Faculty employed: 63

Faculty Left: 18

VII. Profile of the principal with qualification, total experience, age and duration of the employment at the institute concerned.



Name	L. C. Pandya - Principal
Do'b	18-09-43
Educational qualification	B.E (mechanical) Diploma in Technical teaching(Industrial Training)
Work experience	
Teaching	45 years
Research	---
Industry	---
Others	---
Area of specializations	Technical teaching, mechanical Engineering
Subjects teaching at undergraduate level	I.e, management, thermal, theory of machine (design) etc..
Research guidance	Curriculum devolution project, Gujarat state
No of paper's published in national journals	On curriculum development ISTE
Project carried out	On programme learning at ttti, Bhopal
Patents	
Technology transfer	Worked on communities polytechnic as project officer and project co-ordinator at Patan in ahmedabad and Dhahod
Research publication	
No of books published with details	<ol style="list-style-type: none"> 1. Industrial management 2. Metal cutting & machine tools ,tti, Bhopal

- Prof. L C Pandya has been joining this Institute in 2004.



Name	R. M. Patel - Vice Principal
Do'b	01-06-51
Educational qualification	B.E (Civil)
Work experience	
Teaching	34 years
Research	---
Industry	---
Others	---
Area of specializations	Technical teaching
Subjects teaching at undergraduate level	Engineering Mechanics, Strength of materials, etc..
Research guidance	-NIL-
No of paper's published in national journals	-NIL-
Project carried out	Curriculum writing and editing project
Patents	-NIL-
Technology transfer	As project officer and principal of community polytechnic
Research publication	-NIL-
No of books published with details	-NIL-

- Prof. R.M.Patel has been joining this Institute on 1-8-09.

Faculty Profile

(A)Mechanical

1. **Name :** PATEL KALPESHKUMAR SOMABHAI

2. **Date of Birth :** 27/03/1977

3. **Educational Qualification :** MTech. (AMT)

4. **Work Experience :**

- **Teaching- 9.6 years**
- **Research- Nil**
- **Industry-1yrs & 5 Months**
- **Others**



5. **Area of Specializations:** Advanced Manufacturing Technique

6. **Subjects teaching at under Graduate Level :**
Post Graduate Level:

Design of Machine Elements
Power Plant Eng
Theory of Machine
Thermal Engg
Strength of material
Mechanical Drafting
Plant Maintenance & Safety
Manufacturing Process
Advance manufacturing system

7. **Research Guidance :** Nil

No. of papers published in - 05

Master's - M.Tech. (AMT)

Ph. D. -

International Journals Conferences - 01

8. **Projects Carried out :**

9. **Patents :**

10. **Technology Transfer :**

11. **Research Publications :**

12. **No. of Books published with details : 01**

1. Auto mobile Engines for Diploma Auto mobile Students

1. Name: GOSWAMI RANVIRGIRI DASHARATHGIRI

2. Date of Birth: 22/06/1980

3. Educational Qualification: M.E. (CAD/CAM)

4. Work Experience:

- **Teaching**-5 yrs
- **Research**-Nil
- **Industry**-Nil
- **Others**

5. Area of Specializations: CAD/CAM (Mechanical)

6. Subjects teaching at under Graduate Level:

Post Graduate Level:

CAD/CAM

Engineering Drawing

Power Plant Eng

Fluid mechanics & Hydraulic machine

Mechanical Drafting

Plant Maintenance & Safety

Manufacturing Process I &II

Estimating & Costing

Metrology & Instrumentation

7. Research Guidance: Nil

No. of papers published in - 04

Master's - CAD/CAM

Ph. D. -

International Journals-

Conferences-

8. Projects Carried out: Application of condition monitoring techniques in thermal power plant.

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

13.No. of Books published with details: Ni



- 1. Name:** PATEL PANKAJKUMAR GANPATBHAI
2. Date of Birth: 01/01/1977
3. Educational Qualification: D.M.E & B.E. MECHANICAL



4. Work Experience:

- **Teaching-** 4 yrs
- **Research-** Nil
- **Industry-** 2&1/2 yrs Others

5. Area of Specializations: I.C & Automobile Engg.

Subjects teaching at under Graduate Level:

Post Graduate Level:

Refrigeration & Air conditioning
Engineering Drawing
Power Plant Eng
Fluid mechanics & Hydraulic machine
Mechanical Drafting
Plant Maintenance & Safety
Metrology & Instrumentation
Material Technology
Estimating & Costing
Industrial management

6. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil

Ph. D.

International Journals

Conferences

7. Projects Carried out: Pollution by Thermal power plant , Sheet metal rolling machine

8. Patents: Nil

9. Technology Transfer: Nil

10. Research Publications: Nil

11. No. of Books published with details: Nil

1. Name: PATEL MAYANK KUMAR KANTILAL

2. Date of Birth: 04/03/1983

3. Educational Qualification: B.E. (MECH) (PGDIM) MBA Con...

4. Work Experience:

- **Teaching-** 4.5 Yrs
- **Research-** Nil
- **Industry-** 1 yrs
- **Others**



5. Area of Specializations: production Engineering

6. Subjects teaching at under Graduate Level :

Post Graduate Level:

Industrial Engg
Engineering Drawing
Thermodynamics
Machine tool technology
Design of machine element
Material technology
Mechanical Drafting
Non Conventional Energy Sources
Manufacturing Process I &II

7. Research Guidance: Nil

No. of papers published in - 02

Master's - Opération Management

Ph. D. -

International Journals Conferences -

8. Projects Carried out: The hover craft

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: AGNIHOTRI KAMLESHKUMAR SHANKARBHAI

2. Date of Birth: 19/04/1975

3. Educational Qualification: B.E. PRODUCTION

4. Work Experience:

- **Teaching**-6months
- **Research**-Nil
- **Industry**- 9 Year 6 Months
- **Others**

5. Area of Specializations: -

6. Subjects teaching at under Graduate Level:

Post Graduate Level:
Mechanical Drafting
Material Technology
Manufacturing Process
Non conventional energy sources

7. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil
Ph. D. - Nil

8. Projects Carried out: Planning & Schedule of vertical turbine pumps

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: N



- 1. Name:** PATEL JIGAR MAHENDRAKUMAR
- 2. Date of Birth:** 22/10/1985
- 3. Educational Qualification:** B.E. MECHANICAL



4. Work Experience:

- **Teaching-14**months
- **Research-Nil**
- **Industry- 1 YEAR**
- **Others- Nil**

5. Area of Specializations: - CAD -CAM

6. Subjects teaching at under Graduate Level:
TOOL ENGINEERING, E.C.C,F.M.H.M, MP-1, E.D.,E.M.
Post Graduate Level:

7. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil
Ph. D. - Nil

8. Projects Carried out: Analysis of semi Automatic Capping Machine

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: KAMBHATI IMTIYAAZ M

2. Date of Birth: 01/07/1980

3. Educational Qualification: B.E. MECHANICAL

4. Work Experience:

- **Teaching**-13months
- **Research**-Nil
- **Industry**- 2.5 YEARS
- **Others**



5. Area of Specializations: - ENGINEERING DRAWING, M.D., MP-1,

6. Subjects teaching at under Graduate Level:

E.D., E.M.

Post Graduate Level:

7. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil

Ph. D. - Nil

8. Projects Carried out: 3-D Modeling of pipe welding fixture using Autodesk Inventor design

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: HARSHA S THAKORE

2. Date of Birth:

3. Educational Qualification: B.E. MECHANICAL

4. Work Experience:

- **Teaching-13**months
- **Research-Nil**
- **Industry- Nil**
- **Others- Nil**



5. Area of Specializations: - ENGINEERING DRAWING, M.D., MP-1,

6. Subjects teaching at under Graduate Level:

E.D., E.M.

Post Graduate Level:

7. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil

Ph. D. - Nil

8. Projects Carried out:

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: FUDANI JAYPRAKASH PARSHOTTAMBHAI

2. Date of Birth: 25/12/1984

3. Educational Qualification: B.E.(Mech)

4. Work Experience:

- **Teaching-** 10 MONTHS
- **Research-** Nil
- **Industry-** 5 MONTHS
- **Others**



5. Area of Specializations: CAD CAM

6. Subjects teaching at under Graduate Level : ED, THERMO, TOM&SM,
SOM, EME, THERMAL

Post Graduate Level:

7. Research Guidance: Nil

No. of papers published in

Master's - Nil

Ph. D. - Nil

International Journals/ Conferences - Nil

8. Projects Carried out: NOZZLE TEST RIG

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: PATEL CHETANKUMAR AMRUTLAL

2. Date of Birth: 11-1-1986

3. Educational Qualification: B.E.(Mech)

4. Work Experience:

- **Teaching-** 6 Month
- **Research-** Nil
- **Industry-** 6 Month
- **Others**



5. Area of Specializations: Production & Maintenance

6. Subjects teaching at under Graduate Level :
Post Graduate Level:

Engineering Drawing
Material technology
Human Resources Management

7. Research Guidance: Nil

No. of papers published in

Master's - Nil

Ph. D. - Nil

International Journals/ Conferences - Nil

8. Projects Carried out: Nil

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: SONI DHAVALKUMAR RAMESHBHAI

2. Date of Birth: 24-06-1986

3. Educational Qualification: B.E.(Mech)

4. Work Experience:

- **Teaching-** 1.0 Year
- **Research-** Nil
- **Industry-** Nil
- **Others**



5. Area of Specializations: CAD/CAM

6. Subjects teaching at under Graduate Level : P.M.S.,I.E.,A.E.S.,MP1,
TH.&HY.,F.M.,E.D.

Post Graduate Level:

7. Research Guidance: Nil

No. of papers published in

Master's - Nil

Ph. D. - Nil

International Journals/ Conferences - Nil

8. Projects Carried out: ABRASSIVE AIR JET MACHINE.

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: PATEL PIYUSHKUMAR MAHENDRABHAI

2. Date of Birth: 16/08/1980

3. Educational Qualification: M.Tech (CAD/CAM)

4. Work Experience:

- **Teaching-** 2 Yrs
- **Research-** Nil
- **Industry-** 4yrs
- **Others**



5. Area of Specializations: CAD/CAM

**6. Subjects teaching at under Graduate Level :
Post Graduate Level:**

Engineering Drawing
Material technology
Human Resources Management

7. Research Guidance: Nil

No. of papers published in

Master's -

Ph. D. -

International Journals/ Conferences - 01

8. Projects Carried out: Design of Excavator Part

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: PATEL TEJASHKUMAR RAMESHBHAI

2. Date of Birth: 25-1-1984

3. Educational Qualification: B.Tech(Mech)

4. Work Experience:

- **Teaching-** 1.2 Yrs
- **Research-** Nil
- **Industry-** Nil
- **Others**

5. Area of Specializations: I.C & AUTO

**6. Subjects teaching at under Graduate Level :
Post Graduate Level:**

Engineering Drawing
Material technology
Human Resources Management

7. Research Guidance: Nil

No. of papers published in

Master's - Nil

Ph. D. - Nil

International Journals/ Conferences - Nil

8. Projects Carried out: Tool Post Grinding

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil



1. Name: PARMAR BIPINCHANDRA MOTILAL

2. Date of Birth: 31/10/1985

3. Educational Qualification: B.E.(Mech) + MBA(MARKETING)

4. Work Experience:

- **Teaching-** 2 MONTHS
- **Research-** Nil
- **Industry-** Nil
- **Others**

5. Area of Specializations: I.C & AUTO & MARKETING

6. Subjects teaching at under Graduate Level : ED, EM EM1, THERMO
Post Graduate Level:

7. Research Guidance: Nil

No. of papers published in

Master's - Nil

Ph. D. - Nil

International Journals/ Conferences - Nil

8. Projects Carried out: COMPARATIVE ANALYSIS ON PRODUCTIVITY ENGG.

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil



(B) Electrical

1. Name: PATEL DIPESHKUMAR ARVINDKUMAR.

2. Date of Birth: 02nd September, 1981.

3. Educational Qualification: B.E. Electrical. & P.G.DI.M.

4. Work Experience:

- **Teaching** : 4.5 Years.
- **Research** : -----
- **Industry** : 2.0 Years.
- **Others** : -----



5. Area of Specializations:

6. Subjects teaching at under Graduate Level:

- | | |
|----------------------------------|-----------------------------------|
| (1) Fundamental of Elect. Egg. | (2) Electrical Machines. |
| (3) Industrial Electronics. | (4) A.C.D.U. |
| (5) Elect. Traction & Control. | (6) Electrical Traction & Control |
| (5) Electrical Instrumentation. | (7) Switch Gear and Protection |
| (8) Advanced Electrical Machines | |

Post Graduate Level: -----

7. Research Guidance:

No. of papers published in

Master's -
National Journals
Ph. D. -
International Journals
Conferences: - 02

8. Projects Carried out :

- (1) Erection & Commissioning of Transformer.
- (2) Filtration & Testing of Dielectric Oil.
- (3) H.V. Cable Jointing & Testing.
- (4) Overhauling of M.O.C.B.

9. Patents:

10. Technology Transfer: -----

11. Research Publications: -----

12. No. of Books published with details:

- (1) Fundamental of Electrical Engineering -- Edu-Care Publication, Rajkot.

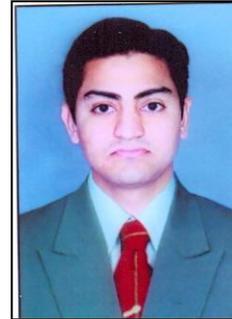
1. Name: MODI RAKESHKUMAR DILIPKUMAR.

2. Date of Birth: 11th October, 1980.

3. Educational Qualification: B.E. Electrical.

4. Work Experience:

- **Teaching** : 3.6 Years.
- **Research** : -----
- **Industry** : 03 Years.
- **Others** : -----



5. Area of Specializations: Technical Teaching

6. Subjects teaching at under Graduate Level:

- (1) Electrical Circuit.
- (2) Electrical Machines.
- (3) Electrical Instrumentation.
- (4) E.C.T. & W.
- (5) Generation & Transmission.
- (6) Advanced Electrical Machines
- (7) Switch gear and Protection
- (8) Digital Electronics

Post Graduate Level: -----

7. Research Guidance: -----

No. of papers published in

Master's -

National Journals

Ph. D. -

International Journals

Conferences

8. Projects Carried out: Speed Control of Stepper Motor Using Microprocessor-
8085 - A

9. Patents: -----

10. Technology Transfer: -----

11. Research Publications: -----

12. No. of Books published with details: -----

1. Name: PATEL AMIT BABUBHAI

2. Date of Birth: 01ST DECEMBER 1982

3. Educational Qualification: B.E. ELCTRICAL

4. Work Experience:

- **Teaching :** 3.5 Years
- **Research :** ----
- **Industry :** 6 Months
- **Others :** ----

5. Area of Specializations: Advanced Microprocessor

6. Subjects teaching at under Graduate Level:

- (1) Fundamental of Elect. Engg
- (2) Digital Electronics.
- (3) Basic Electronics
- (4) Electrical Instrumentation.
- (5) Industrial Electronics
- (6) Microprocessor and Control System components

Post Graduate Level: -----

7. Research Guidance: -----

Master's	- National Journals
Ph. D.	- International Journals Conferences

8. Projects Carried out: Multifunction Frequency meter

9. Patents:

10. Technology Transfer:

11. Research Publications:

12. No. of Books published with details:



1. Name: PATEL MAHESHKUMAR MANILAL.

2. Date of Birth: 14th April, 1981.

3. Educational Qualification: B.E. Electrical.

4. Work Experience:

- **Teaching** : 3.7 Years.
- **Research** : -----
- **Industry** : 1.6 Years.
- **Others** : -----



5.3 Area of Specializations:

6. Subjects teaching at under Graduate Level:

- (1) Electronics Materials and Components
- (2) Fundamental of Electrical Engg.
- (3) Electrical Circuit.
- (4) Generation and Transmission
- (5) A.C.D.U.
- (6) Power Station Engineering

Post Graduate Level: -----

7. Research Guidance:

No. of papers published in

Master's -

National Journals

Ph. D. -

International Journals

Conferences

8. Projects Carried out: Operation & Maintenance of D.G. Set.

9. Patents: -----

10. Technology Transfer: -----

11. Research Publications: -----

12. No. of Books published with details: -----

1. Name: THAKAR JAGRUTI RAMANIKLAL
2. Date of Birth: 21 FEB 1982



3. Educational Qualification: B.E. Electrical

4. Work Experience

-Teaching:	5.3 YEAR
-Research: ---	--
-Industry: ---	0 YEAR
-Others: ---	0 YEAR

5. Area of Specialization: High Voltage

6. Subject teaching at under graduate level:

- (1) Basic Electrical Engg.
- (2) G&T,
- (3) Ele.machine
- (4) E.E.C&C
- (5) Power System Engg.

7. Research Guidance:

Post graduate level:
research guidance: ---

8. Projects carried out: ---

9. Patents: ---

10. Technology transfer: ---

11. Research Publication

-National journal:
-International journal: ---
-Conferences: 01

12. No of book Published: ---

1. Name: PATEL HARESHKUMAR KANJIBHAI

2. Date of Birth: 02-12-1977

3. Educational Qualification: B.E. Electrical

4. Work Experience:

- **Teaching** : 1.3 Years.
- **Research** : -----
- **Industry** : 1.0 Years.
- **Others** : -----



5 Area of Specializations: High Voltage Engineering

6. Subjects teaching at under Graduate Level:

- (1) Basic Electronics,
- (2) Fundamental of Electrical Engg.
- (3) Digital Electronics
- (4) Industrial Electronics.
- (5) Power Station Engineering

Post Graduate Level: -----

7. Research Guidance:

No. of papers published in

Master's -

National Journals

Ph. D. -

International Journals

Conferences

8. Projects Carried out: Star-Delta starter of three phase induction motor

9. Patents: -----

10. Technology Transfer: -----

11. Research Publications: -----

12. No. of Books published with details: -----

1) Name: PRAJAPATI AMITKUMAR RAMBHAI

2) Date of Birth: 12th October 1984

3) Educational Qualification: B.E. Electrical , Diploma Electrical.



4) Work Experience

-Teaching: 1.8 Year
-Research: ---
-Industry: ---
-Others: ---

5) Area of Specialization: High Voltage

6) Subject teaching at under graduate level: Power System , Basic Electrical
Post graduate level:

7) research guidance: ---

8) Projects carried out: ---

9) Patents: ---

10) Technology transfer: ---

11) Research Publication

-National journal:
-International journal: ---
-Conferences:

12) No of book Published: ---

1) Name: PRAJAPATI MEHULKUMAR DASHRATHBHAI

2) Date of Birth: 10th May 1984

3) Educational Qualification: B.E. Electrical, Diploma Electrical.

4) Work Experience

-Teaching:	0.10 YEAR
-Research:	--
-Industry:	0.6 YEAR
-Others:	0.11 YEAR (R&B Elect. Govt. of Guj.)



5) Area of Specialization: High Voltage

**6) Subject teaching at under graduate level: Power System , Basic Electrical
Post graduate level:**

7) research guidance: ---

8) Projects carried out: ---

9) Patents: ---

10) Technology transfer: ---

11) Research Publication

- National journal:**
- International journal:**
- Conferences:**

12) No of book Published: ---

(C)Automobile

1. **Name** : SANJAY SITARAM SHARMA
2. **Date of Birth** : 14/12/1980
3. **Educational Qualification** : B.E. Mechanical
4. **Work Experience** :

- **Teaching** : 5 yrs and 8 months
- **Research** : Nil
- **Industry** : 1 yr and 4 months
- **Others** : Nil

5. **Area of Specializations** : Mechanical (I/C - Auto)

6. **Subjects teaching at under Graduate Level** :

Auto Engine
Auto Transmission and Mechanism
Auto Electric System
Fuels And Lubricants
Material Manufacturing Technology
D.T.I
D.T.II
Vehicle Dynamic
Vehicle Body Engineering
Auto Trade Practice
Road Transport Organization
Tractor and Farm Equipment
Vehicle Air Conditioning

Post Graduate Level: Nil

7. **Research Guidance** : Nil

No. of papers published in

Master's - Nil
Ph. D. - Nil

8. **Projects Carried out** : Performance and evaluation of Ceramic Coated Engine

9. **Patents** : Nil

10. **Technology Transfer** : Nil

11. **Research Publications** : Nil

12. **No. of Books published with details:** Nil



1. Name: DARJI PRAKASHKUMAR BHIKHALAL

2. Date of Birth: 26/09/1973

3. Educational Qualification: B.E. MECHANICAL

4. Work Experience:

- **Teaching-** 4 yrs 8 month
- **Research-** Nil
- **Industry-** 7 yrs (Automobile Field)
- **Others**



5. Area of Specializations: Work studies and Operation Research

Subjects teaching at under Graduate Level :

Automobile engine
Automobile Transmission
Automobile Electrical
D.T- II(Auto Trans.)
D.T.- III(Auto Engine)
Engineering Drawing
Fuel & Lubricant.
Material & Manufacturing
Automobile Air Conditioning.
Basic Auto. Design.
Automobile Drafting & Drawing.

Post Graduate Level: Nil

6. Research Guidance

No. of papers published in - Nil

Master's - Nil

Ph. D. -

International Journals

Conferences

7. Projects Carried out: Details studies of Hydraulic Braking System Used in Passenger Car.

8. Technology Transfer: Nil

9. Research Publications: Nil

10. No. of Books published with details: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: PATEL JYOTIBEN SITARAMBHAI

2. Date of Birth: 19/01/1980

3. Educational Qualification: B.E. Mechanical

4. Work Experience:

- **Teaching** : 2 yrs 2 month
- **Research** : Nil
- **Industry** : Nil
- **Others** : Nil



5. Area of Specializations: Mechanical (I/C - Auto)

6. Subjects teaching at under Graduate Level:

Auto Electric System
Vehicle Body Engineering
Automobile Drawing and Drafting
Automobile Pollution Control Engineering

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in

Master's - Nil
Ph. D. - Nil

8. Projects Carried out: Study of Nuclear Reactor.

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: PRAJAPATI RAKESH H

2. Date of Birth: 17 / 12 / 1974

3. Educational Qualification: B.E. Mechanical

4. Work Experience:

- **Teaching** : 2 yrs 8 month
- **Research** : Nil
- **Industry** : 9 Years
- **Others** : Nil



5. Area of Specializations: Hydraulic Service

6. Subjects teaching at under Graduate Level:

Auto Transmission and Mechanism
Vehicle Body Engineering
Tractor and Farm Equipment
Theory of Machine
Non Conventional Energy Sources
Automobile Drawing & Drafting

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in

Master's - Nil
Ph. D. - Nil

8. Projects Carried out: Thermal power plant

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: SANJAYKUMAR RAMANLAL KAPADIYA

2. Date of Birth: 13/08/1984

3. Educational Qualification: B.E. Mechanical

4. Work Experience:

- **Teaching:** 4 yrs.
- **Research :** Nil
- **Industry :** 6 mnth
- **Others :** Nil



5. Area of Specializations: Mechanical (I/C - Auto)

6. Subjects teaching at under Graduate Level:

Auto Engine
Auto Transmission And Mechanism
Auto Electric System
Vehicle Dynamic
Vehicle Body Engineering
Auto Trade Practice
Vehicle Air Conditioning
Basic Auto Design
Transport Management & Motor Industry
Engineering Drawing

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in

Master's - Nil
Ph. D. - Nil

8. Projects Carried out: Design of Pressure Vessel for chemical storage.

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: PARESH. I. PATEL

2. Date of Birth: 03/06/1979

3. Educational Qualification: B.E. Mechanical

4. Work Experience:

- **Teaching:** 10 Months
- **Research :** Nil
- **Industry :** 7.6 Years
- **Others :** Nil

5. Area of Specializations: Mechanical (I/C - Auto)

6. Subjects teaching at under Graduate Level:

Auto Engine
Auto Transmission And Mechanism
Vehicle Body Engineering
Auto Trade Practice
Transport Management & Motor Industry
Motor Vehicle & Loss Assessment
Fuel & Lubrication

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in

Master's - Nil
Ph. D. - Nil

8. Projects Carried out: C.N.C MACHINES

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: SANJAY. R. JANSARI

2. Date of Birth: 14/10/1986

3. Educational Qualification: B.E. Automobile

4. Work Experience:

- **Teaching:** 6 Months.
- **Research :** Nil
- **Industry :** Nil
- **Others :** Nil

5. Area of Specializations: Automobile

6. Subjects teaching at under Graduate Level:

Auto Transmission And Mechanism
Auto Electric System
Vehicle Air Conditioning
Transport Management & Motor Industry
Fuel& Lubrication
Automobile Design & Drafting

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in

Master's - Nil
Ph. D. - Nil

8. Projects Carried out: Dual Fuel Engine

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil



1. Name: PINAK. N. PATEL

2. Date of Birth: 31/10/1986

3. Educational Qualification: B.E. Mechanical

4. Work Experience:

- **Teaching:** 3.5 Months.
- **Research :** Nil
- **Industry :** Nil
- **Others :** Nil



5. Area of Specializations: Mechanical (I/C - Auto)

6. Subjects teaching at under Graduate Level:

Auto Engine
Manufacturing Process & Material Technology
Essential of environment & Seismic Engineering

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in

Master's - Nil
Ph. D. - Nil

8. Projects Carried out: Performance analysis of Fuel injecting System

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

(C) Computer

1. Name: BHAVSAR SACHI V

2. Date of Birth: 12/05/1985

3. Educational Qualification: B.E.C.E.

4. Work Experience:

- **Teaching-** 3 Years & 2 Month
- **Research-** Nil
- **Industry-** Nil
- **Others-** Nil



5. Area of Specializations:

6. Subjects teaching at under Graduate Level:

C
C++
Computer Networking
CSA-I
Data structure
Internet interactive application (IIA)

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in – 02 (National)

(1) IT for nation building

(2) Cryptovirology

Master's - Nil

Ph. D. - Nil

8. Projects carried out:

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: Patel Jalpa Manubhai

2. Date of Birth: 14/9/86

3. Educational Qualification: B.E. computer

4. Work Experience:

- **Teaching-** 2 year and 6 month
- **Research-** Nil
- **Industry-** Nil
- **Others-** Nil



5. Area of Specializations: computer Network,visual basic,programming in c,
Programming in c++,ASP.net

**6. Subjects teaching at under Graduate Level:
Post Graduate Level:**

7. Research Guidance:

No. of papers published in -

Master's	- National Journals
Ph. D.	- International Journals Conferences

8. Projects carried out: --

9. Patents: N.A.

10. Technology Transfer: N.A.

11. Research Publications: N.A.

12. No. of Books published with details: N.A.

1. Name: PATEL MEGHA PRAVINKUMAR

2. Date of Birth: 17/05/1986

3. Educational Qualification: B.E. IN COMPUTER

4. Work Experience:

- **Teaching- 1 Year 4 MONTHS**
- **Research- Nil**
- **Industry- Nil**
- **Others- Nil**



Dt- 23 - 7 - 2008

5. Area of Specializations: PROGRAMMING IN C, C++

**6. Subjects teaching at under Graduate Level:
Post Graduate Level:**

**PROGRAMMING IN C++
DATA STRUCTURE**

7. Research Guidance: N.A

No. of papers published in -

Master's	- National Journals	-Nil-
Ph. D.	- International Journals	-Nil-
	Conferences	-Nil-

8. Projects carried out: N.A

9. Patents: N.A

10. Technology Transfer:N.A

11. Research Publications:N.A

12. No. of Books published with details: N.A

1. Name: Patel Tusharkumar Sitarambhai

2. Date of Birth: 1st June, 1985

3. Educational Qualification: B.E.-Information Technology

4. Work Experience:

- **Teaching- 1 year 4 months**
- **Research-**
- **Industry-**
- **Others**



5. Area of Specializations: Programming in C, JAVA, Software Engineering, Operating system, TCP/IP Protocol suite

6. Subjects teaching at under Graduate Level:

Post Graduate Level:

Computer Application

Office Automation

Human Resources Management

7. Research Guidance: No

No. of papers published in -

- | | |
|-----------------|---------------------------------|
| Master's | - National Journals |
| Ph. D. | - International Journals |
| | Conferences |

8. Projects carried out: Corporate Banking Transaction System

India Tourism

Calclater

9. Patents:

10. Technology Transfer: No

11. Research Publications: No

12. No. of Books published with details: No

1. Name: NAYAK RAVI A.

2. Date of Birth: 12/11/1982

3. Educational Qualification: B.E. CE

4. Work Experience:

- **Teaching-** 3 Years & 5 Month
- **Research-** Nil
- **Industry-** 3 Years
- **Others-** Nil



5. Area of Specializations:

6. Subjects teaching at under Graduate Level:

C
C++
Computer Networking
Parallel Processing
Mobile Communication
Fundamental of Information Technology
Human Recourse Management

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil
Ph. D. - Nil

8. Projects carried out:

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: PATEL PRADIPKUMAR DINESHBHAI

2. Date of Birth: 24-11-1987

3. Educational Qualification: B.E. COMPUTER

4. Work Experience

-Teaching: 5 Months

-Research: ---

-Industry: ---

-Others: ---



5. Area of Specialization: .Net Technology

6. Subject teaching at under graduate level: C,C++,C#,Java,Ds,OS
Post graduate level:

7. research guidance: ---

8. Projects carried out:

---"Atmospheric Dyanamics" at PRL(unit of Space Dept,India)

9. Patents: -- -Nil-

10.Technology transfer: --- Nil---

11.Research Publication

-National journal: ---

-International journal: ---

-Conferences: 01

12.No of book Published: ---

1. Name: PATEL MAYURI NAVINCHANDRA
2. Date of Birth: 31-03-1988
3. Educational Qualification: B.E. Computer Engineering
4. Work Experience
 - Teaching: ---4 Months
 - Research: ---
 - Industry: ---
 - Others: ---
5. Area of Specialization: Computer Network
6. Subject teaching at under graduate level: C Language, JAVA
Post graduate level:
7. research guidance: --- Nil-
8. Projects carried out: -Nil
9. Patents: ---
10. Technology transfer: ---
11. Research Publication
 - National journal: ---
 - International journal: ---
 - Conferences: 01
12. No of book Published: ---



1. Name: BAHELIM IMRAN N.

2. Date of Birth: 23/02/1985

3. Educational Qualification:
Diploma & Degree COMPUTER Engg.

4. Work Experience:
- **Teaching-** 5 month
- **Research-** Nil
- **Industry-** 1.6 Year
- **Others-** Nil

5. Area of Specializations:

6. Subjects teaching at under Graduate Level:
Data Structure & Management
Computer Application
Office Automation Human
Recourse Management

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in - Nil
Master's -
Ph. D. - Nil

8. Projects carried out:
[1] RFC Tester [2] NetEffect

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12No. of Books published with details: Nil



1. Name: MEHTA ANKIT K.

2. Date of Birth: 08/03/1984

3. Educational Qualification:
Diploma & Degree COMPUTER Engg.

4. Work Experience:

- **Teaching-** 1.4 month
- **Research-**
- **Industry-**
- **Others-**



5. Area of Specializations: COMPUTER NETWORK, PROGRAMMING IN C, C++, VB

6. Subjects teaching at under Graduate Level:

VB
Computer Application
Office Automation
CN
C, C++

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in - Nil

Master's -

Ph. D. - Nil

8. Projects carried out:

[1] RFC Tester
[2] NetEffect

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12No. of Books published with details: Nil

(D) E & C

1. Name: PATEL MANOJ D

2. Date of Birth: 29/08/1981

3. Educational Qualification: B.E. E&C

4. Work Experience:

- **Teaching-** 4.5 Years
- **Research-** Nil
- **Industry-** Nil
- **Others-** Nil



5. Area of Specializations:

6. Subjects teaching at under Graduate Level:

EDC

DIGITAL ELECTRONICS

MP

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil

Ph. D. - Nil

8. Projects carried out:

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: Prajapati Rashesh Kumar Dasarath Bhai

2. Date of Birth: 22/05/1986

3. Educational Qualification: B.E. in E & C

4. Work Experience:

- Teaching- 2.5 Years
- Research-
- Industry-
- Others



5. Area of Specializations:

E.D.C-1,E.D.C-2,M.A.L.P

**6. Subjects teaching at under Graduate Level: Tool Engg
Post Graduate Level:**

E.D.C-1,E.D.C-2,M.A.L.P

7. Research Guidance: NA

No. of papers published in -

Master's	- National Journals
Ph. D.	- International Journals Conferences

8. Projects carried out: NA

9. Patents: NA

10. Technology Transfer:NA

11. Research Publications:NA

12. No. of Books published with details: NA

1. Name: VALA HARDIK B.

2. Date of Birth: 26/10/1986

3. Educational Qualification: B.E. E&C

4. Work Experience:

- **Teaching- 14 MONTHS**
- **Research- Nil**
- **Industry- Nil**
- **Others- Nil**



5. Area of Specializations: MICROCONTROLLER, CRROCESSOR, EMBEDEDTEC, C AND C++

6. Subjects teaching at under Graduate Level:

EDC
DIGITAL ELECTRONICS
MP
COM-I

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil

Ph. D. - Nil

8. Projects carried out:

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: RAJESH SUKHABHAI RAVAL

2. Date of Birth: 30/05/1982

3. Educational Qualification: B.E. E&C

4. Work Experience:

- **Teaching- 14 MONTHS**
- **Research- Nil**
- **Industry- 1.8 Yrs.**
- **Others- Nil**



5. Area of Specializations: MICROCONTROLLER, MICROPROCESSOR, EMBEDDEDTEC, C AND C++

6. Subjects teaching at under Graduate Level:

EDC
DIGITAL ELECTRONICS
MP
COM-I

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil

Ph. D. - Nil

8. Projects carried out:

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

1. Name: PATEL HARDIKKUMAR JAYANTIBHAI
2. Date of Birth: 12-03-1987
3. Educational Qualification: B.E. Electronics & Communication Engineering



4. Work Experience

- Teaching: ---1.5 YEAR
- Research: ---
- Industry: ---
- Others: ---

5. Area of Specialization: V.L.S.I. Technology

6. Subject teaching at under graduate level: Digital Electronics, Network Analysis,
Analog Circuit-I,II, Communication Engineering

7. research guidance: ---

8. Projects carried out: ---

9. Patents: ---

10. Technology transfer: ---

11. Research Publication

- National journal: ---
- International journal: ---
- Conferences: 01

12. No of book Published: ---

1. Name: PATEL KHYATI NATVARLAL

2. Date of Birth: 25-03-1987

3. Educational Qualification: B.E. Electronics & Communication Engineering

4. Work Experience

-Teaching: ---1 YEAR
-Research: ---
-Industry: ---3 MONTHS
-Others: ---

5. Area of Specialization: V.L.S.I. Technology

6. Subject teaching at under graduate level: Digital Electronics, EDC I & II, Mobile Communication

Post graduate level:

7. research guidance: ---

8. Projects carried out: --

9. Patents: ---

10. Technology transfer: ---

11. Research Publication

-National journal: ---
-International journal: ---
-Conferences: 01

12. No of book Published: ---



a. Name: PATEL SHWETABAHEN SHIVRAMBHAI

b. Date of Birth: 22-04-1987

c. Educational Qualification: B.E. Electronics & Communication Engineering



d. Work Experience

- Teaching: ---1.5 YEAR
- Research: ---
- Industry: ---
- Others: ---

e. Area of Specialization: V.L.S.I. Technology

f. Subject teaching at under graduate level: Digital Electronics, Network Analysis

Post graduate level:

g. research guidance: ---

h. Projects carried out: ---

i. Patents: ---

j. Technology transfer: ---

k. Research Publication

- National journal: ---
- International journal: ---
- Conferences: 01

l. No of book Published: ---

(E) General

MATHS



1. Name: JOSHI JEEGAR ARVINDBHAI

2. Date of Birth: 22/11/1982

3. Educational Qualification: B.Sc, M.Sc., M. Phil

4. Work Experience:

- **Teaching- 3 YEAR**
- **Research- Nil**
- **Industry- Nil**
- **Others- Nil**

5. Area of Specializations:

CALCULAS, ALGEBRA, NUMERICAL ANALYSIS

6. Subjects teaching at under Graduate Level: MATHS-1 , MATHS-2

Post Graduate Level: Nil

7. Research Guidance: Nil

No. of papers published in - Nil

Master's - Nil

Ph. D. - Nil

8. Projects carried out:

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: Nil

12. No. of Books published with details: Nil

PHYSICS

1. Name: Patel Kirti kumar Rambhai
2. Date of Birth: 24/06/1981
3. Educational Qualification: M.Sc. Physics, P.hd. Continue



4. Work Experience:

- Teaching- 4 Years
- Research- 2 Months
- Industry- 1 Years
- Others

5. Area of Specializations: Solid State Electronics
Embedded System
PLC

6. Subjects teaching at under Graduate Level: Physics
Post Graduate Level:

7. Research Guidance:

No. of papers published in - -----

- | | | |
|----------|--------------------------|-------------|
| Master's | - National Journals | - |
| Ph. D. | - International Journals | Conferences |

8. Projects carried out: 3 Project During M.Sc. Course

1. Microprocessor based Electrical Bell
2. High Pressure Physics
3. Detection of EM waves through Earth quake

9. Patents: NO

10. Technology Transfer:

Embedded System
PLC AND SCADA

11. Research Publications:

- | | | |
|------------------------|---|--------------------|
| National Journals | - | 2 Papers Published |
| International Journals | | 1 Paper Published |
| Conferences | | 4 Papers Presented |

12. No. of Books published with details: -----

COMMUNICATON SKILL

1. Name: BHATT TRUPTI K.

2. Date of Birth: 25/06/1980

3. Educational Qualification: B.A., M.A, B.ed

4. Work Experience:

- Teaching- 2.5 YEARS
- Research-
- Industry-
- Others



5. Area of Specializations: ENGINEERING LITERATURE

6. Subjects teaching at under Graduate Level:

Post Graduate Level:

7. Research Guidance: N.A

No. of papers published in -

- | | |
|-----------------|---|
| Master's | - National Journals |
| Ph. D. | - International Journals
Conferences |

8. Projects carried out: N.A

9. Patents: N.A

10. Technology Transfer: N.A

11. Research Publications: N.A

12. No. of Books published with details: N.A

MATHS

1. Name: KINJAL.R.PATEL

2. Date of Birth: 6 AUG 1983

3. Educational Qualification: M.Sc. maths,

4. Work Experience:

- Teaching- 5 months
- Research- -----
- Industry- ----
- Others



5. Area of Specializations: Pure Mathematics

**13. 6. Subjects teaching at under Graduate Level: Maths
Post Graduate Level:**

7. Research Guidance:

No. of papers published in -----

- Master's - National Journals -**
- Ph. D. - International Journals
Conferences**

8. Projects carried out: No

9. Patents: NO

10. Technology Transfer:

**Embedded System
PLC AND SCADA**

11. Research Publications:

- National Journals - -----**
- International Journals -----**
- Conferences -----**

12. No. of Books published with details: -----

CHEMISTRY

1. Name: DHARA.D.PATEL

2. Date of Birth: 29 OCT 1984

3. Educational Qualification: M.Sc. Chemistry, P.hd. Continue

4. Work Experience:

- Teaching- 3.5 Years
- Research- 3 Months
- Industry- 2 Months
- Others



5. Area of Specializations: INORGANIC SYANTHESIS (Metal complexes)

14. 6. Subjects teaching at under Graduate Level: CHEMISTRY
Post Graduate Level:

7. Research Guidance:

No. of papers published in -----

Master's - National Journals -
Ph. D. - International Journals
Conferences

8. Projects carried out: No

9. Patents: NO

10. Technology Transfer:

Embedded System
PLC AND SCADA

11. Research Publications:

National Journals - -----
International Journals 2 Papers Published
Conferences 6 Papers Presented

12. No. of Books published with details: -----

CIVIL

1. Name: AMRUT P. PATEL

2. Date of Birth: 01/06/1962

3. Educational Qualification: B. E. CIVIL

4. Work Experience:

- Teaching- 1 Years
- Research-
- Industry- 23 Years
- Others

5. Area of Specializations: SURVEYING

**15. 6. Subjects teaching at under Graduate Level: ECE & EM
Post Graduate Level:**

7. Research Guidance:

No. of papers published in -----

**Master's - National Journals -
Ph. D. - International Journals
Conferences**

8. Projects carried out: No

9. Patents: NO

10. Technology Transfer:

**Embedded System
PLC AND SCADA**

11. Research Publications:

**National Journals - -----
International Journals 2 Papers Published
Conferences 6 Papers Presented**

12. No. of Books published with details: -----

VIII. Fee

a. Details of the fee as approved by the state committee, for the Institution

26000 / - per annum for all programme

b. Time schedule for the payment of fee for the entire programme.

Time schedule: 13000/ - per semester (half yearly)

(3) No of fees waivers granted with amount and name of students

6 seats per discipline. 42 seats granted for TFWS for year 2009-10.
41 seats filled in TFWS in year 2009-10.

(4) No of scholarship offered by the institute, duration and amount

Management offers Rs 2 lacs for deserving candidates
Total divided among 4 students.

(5) Criteria for fee waivers / scholarship

Merit cum means

(6) Estimated cost of boarding and lodging in hostels

- Rs. 10,000 /- per year
- Average monthly food bill : Rs.900/-

IX. Admission

a. No. Of seats sanctioned with the year of approval

Year Of Approval	Seats sanctioned in particular Branch				
	Mechanical	Electrical	Automobile	computer	E & C
2005-06	60	60	60	NA	NA
2006-07	60	60	60	NA	NA
2007-08	60	60	60	60	60
2008-09	60	60	120	60	60
2009-10	120	60	120	60	60

b. No. of students admitted under various categories during last three year

Year 2007-08

Programme	Quota	Open	SEBC	SC	ST	Total
Automobile	State	39	17	04		60
Mechanical	State	32	23	03	-	58
Electrical	State	41	15	04	-	60
Computer	State	39	16	04		59
E & C	State	37	16	04	-	57
Total		188	86	15	-	294

Year 2008-09

Programme	Quota	Open	SEBC	SC	ST	Total
Automobile	State	69	-	04	47	120
Mechanical	State	43	14	03	-	60
Electrical	State	39	18	03	-	60
Computer	State	41	14	04	01	60
E & C	State	39	20	01	-	60
Total		231	66	15	48	360

Year 2009-10

Programme	Quota	Open	SEBC	SC	ST	Total
Automobile	State	88	35	07	-	130
Mechanical	State	88	37	07	01	133
Electrical	State	37	22	03	-	62
Computer	State	45	12	07	-	64
E & C	State	44	19	-	-	63
Total		302	125	24	01	452

c. No. of application received during last two year for admission under management quota and number admitted.

- i. All the seats filled up by Central Diploma Admission Committee for the year 2007-08.
- ii. In year 2008-09 , 25% seats were filled up by institute under management quota
No of applications received:659
No of students admitted :99
- iii. In the year 2009-10, 25% seats were filled up by institute under management quota
No of applications received:255
No of students admitted :90

X. Admission Procedure**a. Name and address of the test agency and its URL (website).**

No such agency exist

b. No of seats allotted to deferent test qualified candidates separately.

-----N A-----

c. Calendar for admission against management/vacant seats.

Sr. No.	Task	Tentative Counseling Schedule	
		From	To
1	On-line Registration	06-06-2009	17-06-2009
2	Result declaration by the GHSEB	04-06-2009	
3	Payment of Registration Fees in Bank	06-06-2009	18-06-2009
4	Submission of Registration form along with Fee Receipt and self attested copies of required Documents to Help Centre	06-06-2009	19-06-2009
5	Display adhoc provisional Merit List	22-06-2009	
6	Choice Filling by students for Mock Round-1	22-06-2009	26-06-2009
7	Display Result of Mock Round -1	29-06-2009	
8	Alteration of choices by the students depending upon Result of Mock Round-1	29-06-2009	04-07-2009
9	Display Result of Mock Round -2	06-07-2009	
10	Alteration of choices by the students depending upon Result of Mock Round-2	06-07-2009	10-07-2009
11	Display Result of Mock Round -3	12-07-2009	
12	Display final Merit List	14-07-2009	
13	Final list of institutes and Seat Matrix	06-07-2009	
14	Alteration of choices by the students depending on Result of Mock Round-3	15-07-2009	20-07-2009
15	Declaration of First Admitted List	23-07-2009	
16	Deposition of Tuition Fee in the Bank and Reporting with original documents/certificates/testimonials at Help Centers	23-07-2009	28-07-2009
17	Commencement of Academic term	27-07-2009	
18	Publication of Vacant Seats of various Institutes	30-07-2009	

XI. Criteria and weightages for admission

a. Describe each criteria with its respective weightages

As such there is no admission test for diploma programme but any 10 + pass student with science and English subjects is eligible provided the minimum marks are as below

Category	Minimum
SC, SEBC, ST	44 %
Physical handicap / Ex-service man	3 %
Open, others	56 %

b. Mention the minimum level if any

As above

c. Mention the cut off levels of percentage and percentile scores of the candidates in the admission test.

Year 2006-07

Branch	Quota	Category		
		SC	SEBC	Open
Mechanical	State	285	316	339
Electrical	State	215	245	265
Automobile	State	183	216	239

Year 2007-08

Branch	Quota	Category		
		SC	SEBC	Open
Mechanical	State	311	319	224
Electrical	State	285	304	318
Automobile	State	283	271	413
Computer	State	234/500	279/500	331/650
E & C	State	334/650	239/500	249/500

Year 2008-09

Branch	Quota	Category		
		SC	SEBC	Open
Mechanical	State	311	319	338

Electrical	State	285	304	318
Automobile	State	283	271	305
Computer	State	234	239	248
E & C	State	229	239	249

Year 2009-10

Branch	Quota	Category		
		SC	SEBC	Open
Mechanical	State	297	339	340
	MQ	--	--	195
Electrical	State	262	264	307
	MQ	--	--	238
Automobile	State	305	317	359
	MQ	--	--	186
Computer	State	204	282	361
	MQ	--	--	222
E & C	State	--	225	265
	MQ	--	--	245

d. Display marks scored in test etc. and in aggregate for all candidates who were admitted

N A

XII. Application Form

N A

XIII. List of Applicant

N A

XIV. Results of admission under managements seats / vacant seats

N A

XV. Information of infrastructure and other resources available

(A) Library

a. Number o Library books/Title/Journals available(programme wise)

(A)Books

Sr.No.	Year	Books	Price
1	2004-2005	583	92,413 /-
2	2005-2006	275	53,852 /-
3	2006-2007	523	92,566 /-
4	2007-2008	1416	2,94,838
5	2008-09	1044	10,93,243/-
Total		3841	16,26,912 /-

b. List of online National /International Journals subscribed

(A)Magazine

Sr.No.	Name of Magazine	Periodicity	Nationality
Mechanical Engineering			
1	Machine tools	Quarterly	Indian
2	Machine Design	Fortnightly	International
3	SEARCH	Monthly	Indian
Automobile			
1	Auto India	Monthly	Indian
2	Valves India	Quarterly	Indian
3	Over Drive	Monthly	Indian
Electrical Engineering			
1	Electrical India	Monthly	Indian
2	E-Power	Quarterly	Indian
3	Living Digital	Monthly	Indian
Computer Engineering			
1	PC Quest	Monthly	Indian
2	Information Technology	Monthly	Indian
General			
1	Engineering Advance	Monthly	Indian
2	ISTE Newsletter	Monthly	Indian
3	India- Today	Weekly	Indian
4	Safari	Monthly	Indian
5	Competition Success Review	Monthly	Indian
6	Rojgar Samachar	Weekly	Indian

(B) Journals

Sr.No.	Name of Journal	Periodicity	Nationality
	Mechanical Engineering		
1	Production Engineering	Half-Yearly	Indian
2	Journal of the Solar Energy society of India	Half-Yearly	Indian
3	Manufacturing Technology	Monthly	Indian
	Automobile		
1			
	Electrical Engineering		
1	Indian Power	Quarterly	Indian
2	Electrical Engineering	Quarterly	Indian
	Computer Engineering		
1	Journal of Computer society of India	Quarterly	Indian
2	Web Service Journal	Monthly	International
	General		
1	Journal of Indian Institute of Science	Quarterly	Indian
2	Indian Management	Monthly	Indian

c. E-library facilities.

Online journal

IEL On-line
ASME On-line

(B) Laboratory

(1) List of major equipment / facilities

• **Mechanical**

Sr. No	Name of course	Name of the laboratory/Workshop	Total area of laboratory/workshop (Sq.mt.)	Major Equipment
01	M E C H A N I	Element of mechanical Engg.	81.25	Models of IC engine, Models of Boilers, Air comp.etc...
02		Material technology	155.50	Microscopoe, furnace, etc.
03		Machine tool technology	214.00	Milling machine, shaping machine, lathe machine etc.
04		Fluid mechanics and hydraulic	214.00	Centrifugal and reciprocating pump, pelton wheel, pipe friction test rig.

	C A L	m/c		
05		Thermal engineering	155.50	IC engine,(morse),air compressor, vapour compression test rig, etc
06		Metrology and instrumentation	155.50	Gear tooth vernier calipers, slip gauges, vernier calipers dial gauge, sign bar etc
07		Machine shop Workshop	214.00 155.50	Spot welding, arc welding m/c, hacksaw machine , carpentry lathe m/c etc.
08		Machine shop	214.00	universal milling m/c, surface grinder, bench grinder, vertical drilling m/c,shaping m/c,lathe m/c, etc.
09		Fluid mechanics and hydraulic m/c	155.50	Kaplan turbine, Francis turbine, Pelton wheel, Air-Compression, etc.
10	M E C H A N I C A L	Refrigeration & Air conditioning	155.50	V.C.R System, Vapour absorption system, Window A.C system, Mechanical heat pump, etc.
11		CAD/CAM	155.50	Software like Autodesk Inventor, AutoCAD 2006, Pro-E wildfire 3.0, CNC lathe trainer, CAM lathe software etc.
12		Strength of material	80.25	Universal testing m/c,hardness tester, torsion m/c, izod impact m/c,compression tester, etc
13		Theory of Machine	155.50	Cam analysis apartuse, Models of single & double slider crank chain, models of governors, models of pair, whirling of shaft apartuse ,vibration analysis apartuse, models of coupling & breaks, etc.

• **Electrical**

Sr. No.	Name of the Laboratory	Total Area of Lab(Sq.mt)	Major Equipment
1	Fundamentals of Electrical Engineering	80.25	1-Phase Variac, Lamp Board, Choke coil, Capacitor, Ammeter,Voltmeter Wattmeter, 1-phase Transformer Charts and Cut section of 1-Phase I.M.,C.R.O.,Autotransformer R.F.signal generator , D.C regulated Power Supply B.N.C.Cord and B.N.C.Connector
2	Electrical Circuit	80.25	Ammeter,Voltmeter,Lamp Load Rectifier,1-Phase Variac 3-Phase Resistive Load panel Choke coil,Wattmeter,Capacitor Thermometer,Stopwatch
3	Basic Electronics	80.25	CRO,Function generator Power supply,Multimeter

			Resistor,Capacitor,Inductor BJT,Diode
4	Generation & Transmission	80.25	Charts
5	Electrical Machine-I	273.50	Chart and cut section view DC motor,D.C. generator Voltmeter Ammeter,Rheostat,Lamp load Tachometer,DC compound generator,DC shunt motor Single phase transformer 1 phase autotransformer DPST knife switch SPT knife switch
6	Electrical Instrumentation	80.25	Single phase energy meter Lamp load,Connecting wires DC voltmeter,Multimeter 1 phase variac,DC ammeter CRO,Function generator BNC connector Regulated DC power supply Wattmeter Three phase resistive load Whetstone bridge Galvanometer, Kelvin's double bridge, Universal impedance bridge
7	Electrical Commissioning Testing &Wiring	80.25	Chart. Megger
8	Electrical Machine -II	273.50	D.O.L Starter,Star-Delta Starter Rotor Resistance Starter Three phase induction motor D.C .Shunt Generator,Ammeter Voltmeter,Wattmeter Lamp load,Tachometer 3-Phase Variac,Load bank 3-Phase Alternator Split phase 1-Phase I.M. Syn.Motor
9	Industrial Electronics	82.5	Experiment board Multimeter,Connecting wires Diode,Rheostat,DC ammeter AC/DC voltmeter,CRO Patch cords, Breadboard component
10	Switch Gear & Protection	80.25	Different type of fuses. Different relays Demonstrating type

			Thermal relay Over current electromagnetic relay Electromagnetic earth fault relay Buchholz relay
11	Electrical Installation & Maintenance	80.25	Earth Tester Meggar
12	A.C. Distribution & Utilization	80.25	Chart Different type of Motors
13	Digital Electronics	80.25	Logic trainer Experimental board
14	Microprocessor & Control System Components	80.25	Exp.Board MultiMeter Synchro
15	Electrical Estimating Costing & Contracting	80.25	Charts
16	Energy Conservation Technique	80.25	-----
17	Power Station Engineering	80.25	-----
18	Electrical Traction & Control	80.25	-----
19	Computer Aided Electrical Drawing & Drafting	80.25	25 Computer (All are in LAN) AUTO CAD License version
20	Advanced Electrical Machines	273.50	C.C.T., C.V.T., Amplidyne, Metadyne, Linear Induction Motor, Double cage induction motor, Submersible motor, Submersible pump, Booster,

Automobile

Sr. No	Name of the Course	Name of the laboratory/workshop	Total Area of lab/work Shop in sq-m	Major equipment
1	A-451	Automobile Engine	79.62	Two stroke & four stroke engine, Piston, Connecting rod, crankshaft, Valve gear mechanism, Cut section Of different carburetors, Injector, nozzle & filter, Fuel injection pump, Cooling system, Lubricating system
2	A-452	Transmission & Mechanism	79.62	Chassis, frame, types of clutch, types of gearbox, propeller shaft, universal joint, rear axle assembly, front axle and steering mechanism, types of brakes, types of suspension, wheels and Tyres
3	A-453	Automobile Electric System	109.20	Batteries, ignition systems, starter motor, its drive and switches, D.C. generator and regulators, A.C. generator, Vehicle wiring system, types of bulbs and lights, electrical accessories, Air conditioning system
4	A-455	TOM & SM	80.25	UTM machine, Impact testing machine, Compression test machine, Torsion test machine
5	A-456	Fuels & Lubricant	109.20	Redwood Viscometer No.1, Redwood Viscometer No.2, Pensky Martine apparatus , Westphal Balance apparatus, U-tube viscometer, Cloud and Pour point apparatus
6	A-457	Material & Manufacturing Technology	155.50	Furnace, Gas welding Machine, Arc welding Machine, Centre lathe, Shaper and Milling Machine, Grinding

7	A-551	Diagnosis & Testing I	109.20	Boring machine, Valve seat Grinder and Cutter, Fuel pump calibration machine, Injector Testing equipment, Fuel consumption test equipment, I.C. Engine Test rig, exhaust gas analyzer, cooling system and necessary tools, lubrication system and necessary tools
8	A-552	Diagnosis & Testing II	79.62	Clutch and necessary tools, Gear box, Final drive, Steering system and necessary tools, Gear shifting mechanism and necessary tools, Braking system and necessary tools, Hydraulic braking system, Wheel aligner and balancing m/c
9	A-553	Diagnosis & Testing III	109.20	Hydrometer, Battery Tester, High rate Discharge test, Dwell Tech Tester, Megger meter, Volt-Amp. Tester, Volt tester, Growler tester, Regulator tester, Multimeter, Gas leakage tester
10	A-558	Auto Trade Practise	109.20	Model of garage layout, Various Hand Tools, Different types of measuring meters, Soldering, Brazing and Riveting m/c, Welding machines
11	A-653	Tractor and Farm Equipment	109.20	Tractor with accessories and hydraulic system
12	A-654	Automobile Pollution Control Engineering	109.20	Vacuum tester, Exhaust Gas analyzer, Injectors. Timing lights and other testers, Converter, Kit and testers.
13	A-656	Vehical Air Conditioning	109.20	A.C.Testing rig, Recharging system, Servicing tools, Compressor

(D) Computer

<u>Sr. No</u>	<u>Name of the Course</u>	<u>Name of the laboratory/workshop</u>	<u>Total Area of lab/work Shop in sq-m</u>	<u>Major equipment</u>
1	S111	Office Automation	101	Computer (PV) ,MS Office2003, Window XP, Switch, Printer
2	S212	Programming in C	101	Computer (PV), Turbo C, Window XP, Switch, Printer
3	S228	Computer oriented numerical methods	101	Computer (PV), Turbo C, Window XP, Switch, Printer
4	SCE-302	Data Structure Management	101	Computer (PV), Turbo C, Window XP, Switch, Printer
5	SCE-304	Programming In C++	101	Computer (PV), Turbo C, Window XP, Switch, Printer
6	SCE-305	Operating Systems	101	Computer (PV), telnet, Fedora core 2.0, Switch, Printer
7	SCE-S306	Computer Networking	101	Computer (PV), Window XP, Switch, Printer
9	SCE-402	Microprocessor & Assembly Language Programming	113	Processor trainer kit-8085,C.R.O,Power supply-5V
10	SCE-403	Visual Basic	101	Computer (PV), Window XP, Visual Basic 6.0, Printer
12	SCE-405	Relational Data Base Management System	101	Computer (PV), Window XP, SQL Server 9.0, Printer
13	SCE-406	Interactive Internet Application	101	Computer (PV), Window XP, note pad, Web browser, Printer
14	SCE-501	System Analysis Design & M I S	101	Computer (PV), Window XP, Switch, Printer
15	SCE-502	Java Programming	101	Computer (PV), Window XP, JDK 1.3, Printer
16	SCE-503	Computer Maintenance & Peripherals	101	Computer (PV), Window XP, peripheral devices, Printer
17	SCE-504	Advance Microprocessor & Peripheral Chips	113	Processor trainer kit-8085,C.R.O,Power supply-5V
18	SCE-505	Project (With Seminar)	101	Computer (PV), Window XP, Visual studio 2005, Printer
19	SCE-508	Programming In C#	101	Computer (PV), Window XP, Visual studio 2005, Printer

(D) ELECTRONICS & COMMUNICATION

Sr. No	Name of the Course	Name of the laboratory/workshop	Total Area of lab/work Shop in sq-m	Major equipment
1	S-213	Electronics Practices	80	Wires & cables, Connectors, fuses, switches, relays, transformer, registers, inductors, capacitors
2	SEC-251	Electronics Devices and Circuits-I	80	CRO, Function generator, multi meter, rectifier circuits, clipping and clamping boards. CB & CE configuration boards
3	SEC-302	Electronics Devices & Circuits-2	80	CRO, Function generator, multi meter, rectifier circuit
4	SEC-303	Digital Electronics	80	Digital IC, Trainer kit, CRO wires and cables
5	SEC-304	Electronic Networks & Lines	80	CRO, Function generator, N/W kits, wires, & cables, resistor, capacitors
6	SEC-305	Communication Engineering-1	80	CRO, function generators, AM trainer kit, FM trainer kit
7	SEC-306	Electronics Instruments & Measurements	80	Wheatstone bridge, Maxwell bridge,, LVDT Kit, IC tester, CRO function generator.
8	SEC-402	Microprocessor & Assembly language programming	113	Processor trainer kit-8085, C.R.O, Power supply-5V
9	SEC-403	Antenna & Wave Propagation	80	Antenna Transmitter-Receiver kit and stepper motor controller, Dipole antenna, RF connecting cables, Measuring tap,
10	SEC-404	Industrial Electronics	80	Dc power supply 0-30V, Multimeter, Omega type ETB-55, SCR, Connector, C.R.O, Power supply 230V, 50Hz, DIAC device, Patch code wire, UJT practical list

11	SEC-405	Communication Engineering-2	80	CRO, function generators, AM trainer kit, FM trainer kit, Balance modulator kit, Audio signal generator, PAM trainer kit
12	SEC-406	Television Engineering	80	Color TV trainer kit, C.R.O, C.R.O probes, Patter generator,
13	SEC-501	Microcontroller	113	KEIL(Software), PC, Microcontroller trainer kit, C.R.O, A-D and D-A trainer kit, Power supply 5v
14	SEC-502	Mobile communication	80	Mobile trainer kit, CDMA kit, GSM trainer, PC, kit, C.R.O, C.R.O probes
15	SEC-503	Microwave engineering	113	E-plane Tee, Wave meter-plane Tee, Directional Coupler, Magic Tee, Circulator, Isolator, Faraday Circulator, Gunn power supply, Gunn diode oscillator, frequency meter.
16	SEC-504	Telecommunication Techniques and application	80	C.R.O, C.R.O probes, Patch cords, EPBX trainer kit, FDM-TDM kit
17	SEC-505	Fiber optic communication	80	Fiber optic trainer kit, C.R.O, Function generator
18	SEC-506	Electronic projects	80	Wires & cables, Connectors, fuses, switches, relays, transformer, registers, inductors, capacitors
19	SEC-510	VLSI Technology	80	Quarts ii(Software), FPGA trainer kit, PC

(2) List of experiential setup

(A)Mechanical

Name of Laboratory: M- 451 (Mechanical Drafting)

Sr. No.	Name of Experiment
01	Projections of solids.
02	Sections of solids.
03	Development of Surfaces.
04	Intersection of Solids.
05	Sectional orthographic Projection.
06	Missing views and Sections
07	Details production drawings of machine components including zone and fold mark, limit, fits and tolerances.
08	Assembly production drawing of machine components.
09	Pattern drawing showing draft and allowances of pattern.
10	Forging Drawing.

Name of Laboratory: M- 452 (Manufacturing Processes-I)

Sr. No.	Name of Experiment
01	Prepare a job using forging process.
02	Demonstration of a job using spinning process.
03	Demonstration of rolling, drawing, extrusion and bending through industrial visit and to prepare a report.
04	Prepare a pattern for a given pattern drawing.
05	Prepare a mould with the help of prepared pattern.
06	Prepare a core for a given situation.
07	Prepare a job using gas cutting and gas welding.
08	Prepare a job using arc welding.
09	Prepare a job using resistance welding.
10	Prepare a job using brazing.
11	Demonstration of metal melting, metal pouring, metal casting and casting finishing through industrial visit and prepare a report.
12	Identify and give reasons for different casting defects.

Name of Laboratory: M- 453 (Manufacturing Processes-II)

Sr. No.	Name of Experiment
01	Atleast FOUR experiments from following;(from metal cutting) -Grind single point Tool as per given geometry. -Interpret the surface finish based on demonstration of

	chip formation. -Measure/compute cutting force. -Measure tool life. -Compare the effects of cutting parameters on types of chips, -surface finish and tool life based on demonstration.
02	Prepare a job on centre lathe as per the given drawing (plain turning, taper turning and grooving)
03	Prepare a job on centre lathe as per the given drawing (knurling, threading and boring)
04	Prepare a plain surface and inclined surface on shaping machine.
05	Prepare a job using simple milling operations.
06	Prepare a Tool Lay-out of a given component on Capstan and Turret Lathe.
07	Write various applications of press tool during demonstration on Press-Tools (using Models of various die-sets/during visits).
08	Prepare a report on safety aspects followed in your work shop.
09	Prepare a report on kinematics of machine tools.

Name of Laboratory: M- 456 (Fluid Mechanics and Hydraulic Machines)

Sr. No.	Name of Experiment
01	Perform testing of centrifugal pump as per BSI.
02	Perform testing of reciprocating pump as per BSI.
03	Perform testing of pelton wheel.
04	Find faults and remedies for Centrifugal pump.
05	Prepare trouble shooting chart of Centrifugal pump.
06	Measure fluid flow by <ul style="list-style-type: none"> • Venturimeter • Orifice meter • "V" notch • Nozzle
07	Verify Bernoulli's theorem.
08	Determine friction head losses through pipes.
09	Calculate work done and efficiency for impact of jet on flat and curved vanes.
10	Write a report on working of different types of water turbines.
11	Write a report on any one of hydraulic devices.

Name of Laboratory: - 457 (Materials Technology)

Sr. No.	Name of Experiment
01	Demonstration of Microscope.
02	Demonstration of Heat treatment furnace.
03	Perform hardening process on steel component.

04	Prepare a microspecimen and examine it.
05	Prepare a report of microstructure of ferrous metals based on microscopic examination.
06	Prepare a report of micro structure of non ferrous metals based on microscopic examination.
07	Prepare a comparative report on hardness of components varying quenching media and temperature.
08	Identify materials of the given specimens.
09	Demonstration / Industrial visit on non destructive testing.

Name of Laboratory: M- 551 (Machine Tools Technology)

Sr. No.	Name of Experiment
01	Resharpen given single point tool on bench grinder. Prepare a report including grinding methods and tool signature.
02	Prepare a spur/helical gear on milling machine.
03	Prepare a multi start/square thread job.
04	Prepare composite job which includes turning, milling, drilling, shaping, boring, threading, slotting, grinding.
05	Develop alternatives for suitable locating points and clamping device and jig for given job.
06	Develop alternatives for suitable locating points and clamping devices of fixture for given job.
07	Prepare a CNC part programme for given simple component.
08	Industrial visit to clear concepts of this course and prepare a report.

Name of Laboratory: M- 553 (Metrology and Instrumentation)

Sr. No.	Name of Experiment
01	Measure external dimensions with the help of Vernier Caliper and Outside Micrometer.
02	Measure internal dimensions with the help of inside Micrometer and Telescopic gauge.
03	Compare external measurement done by Vernier Caliper, Vernier dial Caliper and Outside micrometer.
04	Compare internal measurement done by Vernier Caliper, Vernier dial Caliper, Telescopic gauge and Inside micrometer.
05	Measure angle between different planes by using Bevel Protractor.
06	Measure angle between two planes with the help of Sine bar and Slip gauges.
07	Measure root diameter of different threads by Screw thread micrometer.
08	Measure different elements of gear by using Gear tooth

	vernier caliper.
09	Compute typical profile of surface roughness.
10	Measure flow with Venturimeter.
11	Measure temperature of Hot body with the help of Thermocouple
12	Measure roundness of Circular bar with Dial gauge and draw a polardiagram.
13	Inspect similar fifty pieces by Plug gauge / Snap gauge.
14	Calibrate Vernier caliper / Outside micrometer.

Name of Laboratory: M- 554 (Plant Maintenance and Safety)

Sr. No.	Name of Experiment
01	Demonstration of assembly and disassembly - Rules, Sequence of disassembly operation, Cleaning, Inspection measuring, Recovery methods, Testing
02	Measure amount of wear on a given components.
03	Select appropriate recovery method by use of any one of the following: -Gas or arc welding, Metalizing or plating, Metal spraying.
04	Attend reported break down machine.
05	Prepare a decision tree for fault finding for any case given below: -Bicycle, Boiler, Electric motor, D.G.sets, I.C. Engines, Compressor, Hydraulic pump
06	Prepare a planning and scheduling of maintenance activities for typical workshop by using computer.
07	Demonstrate the hydraulic drive of a machine tool and enumerate the salient points of maintenance aspect.
08	Prepare a preventive maintenance schedule of the typical workshop.
09	Demonstrate the use of firefighting equipment.
10	Given situation/accident conditions select the first aid treatment given to victimised.

Name of Laboratory: M- 555 (Industrial Engineering)

Sr. No.	Name of Experiment
01	Estimate element time using decimal minute stop watch
02	Prepare OPC for given assembly (4 to 5 component assembly)
03	Prepare flow process chart and flow diagram for given assembly for OPC.
04	Prepare Man and Machine chart for given situation
05	Calculate co-efficient of co-relation for time study person using performance rating technique.
06	Prepare a string diagram for a given situation
07	Calculate standard time for a given job using decimal

	minute stop watch techniques.
08	Prepare a frequency distribution curve for a given data.
09	Construct X-R chart for given process.
10	Construct P-chart for given process.
11	Construct C-chart for given product.
12	Decide about acceptance or rejection of a given lot of particular product using single sampling or double sampling plan for a given data.

Name of Laboratory: M- 557 (Design of Machine Elements)

Sr. No.	Name of Experiment
01	Design of screw and nut of "c" clamp, toggle jack, screw jack etc.
02	Design of levers such as bell-crank, rocker arm of I.C engine, lever of boiler safety valve.
03	Design of muff/ flange coupling.
04	Design of helical/leaf spring (Spring balance, valve spring etc.)
05	Selection of anti-friction bearings for given conditions using manufacturer's, table / Design data book/book of mechanical design for machines such as electric motors, pumps I.C. engines, lathe, drilling machines, grinders etc.
06	Design of pressure vessels - thin/thick cylinder and thin spherical shell.
07	Given the basic size/dimension/working situation, select the appropriate size and dimensions from respective IS. - bolt and nut, washer, circlips, Screw, V and square threads, - Rivet and plate hole, Sections, Square, rectangular, elliptical, - Shaft, Size and materials code with mechanical properties.
08	Design of journal bearing

Name of Laboratory: M-559 (Thermal Engineering)

Sr. No.	Name of Experiment
01	Compare the boilers on the following aspects: Types, working, application and capacity.
02	Study of boiler mountings and accessories.
03	Visual inspection of actual working of boiler during industrial visit
04	Study of condensers and cooling towers.
05	Locate faults in given I.C. engine and suggest remedial measures.
06	Disassemble, assemble and inspection of Fuel pump, Fuel injector and, Carburetor
07	Locate faults and suggest remedial measures for Domestic refrigerators, Water coolers and Window air conditioners.
08	Perform testing of I.C. engine.

09	Perform testing of air compressor.
10	Comment on Valve timing diagram for a given I.C. engine.
11	Determine C.O.P. of Vapor compression refrigeration system.
12	Conduct Morse test on I.C. engine.

Name of Laboratory: - M-651 (Power Plant Engineering)

Sr. No.	Name of Experiment
01	Study of basic elements of various power plants.
02	Study of high pressure boilers.
03	Study of Boiler furnaces.
04	Study of coal and ash handling system of modern thermal power station.
05	Study of governing systems of steam turbine.
06	Study of control systems of steam power plant.
07	Study of diesel power plant.
08	Study of gas-turbine power plant.
09	Study of nuclear reactors.
10	Study of nuclear power plant.
11	Study of hydro - power plant.
12	Field visit reports

Name of Laboratory: - M-652 (Refrigeration & air Conditioning)

Sr. No.	Name of Experiment
01	Study of Refrigerant Compressors.
02	Study of Different Condensers Study of Different Evaporators
03	Study of Cooling Towers Study of Expansion Devices
04	1. Study And Capacity Determination Of Window Air Conditioner 2. Study And Capacity Determination Of Desert Cooler
05	Study of Domestic Refrigerator Study of Electrolux Refrigerator
06	Tubing operations.
07	Study of Fan And Its Testing
08	Building Up of Refrigeration System
09	Service operations.
10	(1) Study of Ice Plants (2) Study of Water Cooler
11	(1) Study of Packaged Plant (2) Study of Split A/C
12	Exercise on Cooling Load Calculation of: (a) Air Conditioning (b) Cold Storage
13	Determination Of Properties of Air By Using Different Instruments.

Name of Laboratory: - M-653 (Tool Engineering)

Sr. No.	Name of Experiment
01	(a) Production/drawings including geometry and nomenclature for single point cutting tool, twist drill, milling cutter and form tool (one each-any type) confirming to BIS/ISO standard. (b) Demonstration for tool angles grinding specified in above.
02	Design and prepare production/drawing of jig for given component, operation and other data. This includes detail & assembly drawings.
03	Design and prepare production/drawing of fixture for given component, operation and other data. This includes details and assembly drawings.
04	Design and prepare production/ drawing of press tool for a cutting operations for given component, operations and other data. This includes details and assembly drawing.
05	Design and prepare report for plug and ring/snap gauges for given match size.

Name of Laboratory: M- 658 (CAD/CAM)

Sr. No.	Name of Experiment
01	Production 2D drawing including dimensioning, limits, tolerances, sections, etc.
02	Wire frame drawing -3D & viewing.
03	Surface model drawing & viewing.
04	Solid model drawing 3D & viewing.
05	Simple programme with Auto lisp.
06	Solid modeling with any one solid modeling package.
07	Preparation and execution or simulation or demonstration of simple part programme for turning job which includes subroutines.
08	Preparation and execution or simulation or demonstration of simple CNC part programme for contour milling
09	Industrial visit of industries having CAD/CAM facilities.

(B)Electrical**Name of Laboratory: (Fundamentals of Electrical Engineering)**

Sr. No.	Name of Experiment
1	The measurement of power and power factor in r-l-c series circuit
2	To measure current and voltage relationship in three phase star and delta connections
3	To find out the efficiency of single phase transformer direct load test

4	To perform open circuit and short circuit test on a single phase transformer
5	To study of single phase induction motor
6	To study of a.c. motor starters
7	To perform tube light wiring and its testing
8	To study of different types of domestic wiring and carryout staircase wiring and its testing
9	To measure voltage and frequency by c.r.o.
10	To study of electro mechanical instruments

Name of Laboratory: SE-251/320009 (Electrical Circuits)

Sr. No.	Name of Experiment
01	Measurement of resistance by V-I method.(Verification of Ohm's Law)
02	Series and parallel connection of resistance(Verification of Kirchoff's Laws)
03	Temperature rise of winding
04	Superposition Theorem
05	Series and parallel Connection of Capacitors
06	Power Consumed in R-L Circuit.
07	Measurement of Inductance of Choke
08	R-L-C Series Circuit
09	Identification of Electrical Parameters
10	R-C Time Constant
11	Three Phase Star-Delta Connections.

Name of Laboratory: SE-302/330901 (Computer Aided Electrical Drawing & Drafting)

Sr. No.	Name of Experiment
01	Draw electrical and electronic symbols and take print out with the help of computer.
02	Draw DC and AC machine parts and take print out
03	Develop winding diagram for given data and take print out.
04	Draw different types of rectifier circuit and take print out.
05	Draw R-C couple amplifier circuit and take print out.
06	Draw Hartley oscillator and take print out.
07	Prepare and test the performance of the given electrical ckt using computer.
08	Design single phase transformer using software for given data(take print out)
09	Design three phase induction motor using software for given data (take print out).
10	Develop PCB layout for a given circuit using software.

Name of Laboratory: SE – 303/330902 (Basic Electronics)

Sr. No.	Name of Experiment
1	Characteristic of P-N junction diode.
2	Characteristics of zener diode.
3	C-E transistor amplifier.
4	Testing of transistor with multi meter.
5	Characteristic of FET.
6	Characteristic of UJT.
7	Characteristic of SCR.
8	Characteristic of TRIAC.
9	Characteristic of LDR.
10	UJT as a relaxation oscillator.
11	Application of Diac & Triac (Fan regulator and Light dimmer)
12	Color coding of resistor –give problems , use multi meter.

Name of Laboratory: SE – 304 (Electrical Machine – 1)

Sr. No.	Name of Experiment
01	To study the different parts of D.C. Generator.
02	To perform external and internal characteristic of D.C. shunt generator.
03	To perform external and internal characteristic of D.C. series generator.
04	To perform external and internal characteristic of D.C. compound generator.
05	Magnetization characteristic of D.C. generator.
06	To study the shunt motor starter.
07	Swinburne's test on a D.C. machine
08	To control the speed of D.C. shunt motor.
09	To study the accessories of transformer and its cooling.
10	To perform O.C. & S.C. test on a single phase transformer.
11	To perform direct load test on a single phase transformer.
12	To perform the parallel operation of two single phase transformer.
13	Back to Back test of single phase transformer.
14	Testing of domestic appliances.

Name of Laboratory: SE-402/ 330904 (Generation & Transmission)

Sr. No.	Name of Experiment
01	Study and Line Diagram of Thermal Power Station and main cycles and working.
02	Study of Hydro power Station and its Working.
03	Study of Nuclear power Station and its Working.
04	Study of Diesel power Station and its Working.
05	Study of main equipments of Overhead lines.
06	Study of M.H.D. & Wind mill based Power station and its Working.

07	Study of Elements of Transmission System.
08	Study of PLCC in Power transmission System.
09	Study of H.V.D.C. Transmission System.
10	Study of Different types of Voltage regulators and its Working.

Name of Laboratory: - SE-404 (Electrical Machine-II)

Sr. No.	Name of Experiment
1	Run the 3- Φ Induction motor using the diff. types of starters.
2	Load test on 3- Φ induction motor.
3	Perform No load and Blocked rotor test on induction motor and draw circle diagram.
4	Direct load test on 3- Φ alternator.
5	Find out V.R. of alternator by synchronous impedance method.
6	Find out V.R. of alternator by Amp.- turn method
7	Measurement of power and power factor of single phase I.M. with / without capacitor.
8	Reverse the direction of rotation of 1- Φ and 3- Φ induction motor.
9	To Study power factor improvement using synchronous motor.
10	Perform 'V' curve of synchronous induction motor.

Name of Laboratory: SE- 403 (Electrical commissioning, testing and wiring)

Sr. No.	Name of Experiment
01	To study and carry out the tube light wiring.
02	To study and carry out the stair case wiring.
03	To study and carry out the godown wiring.
04	To study and carry out the looping system of domestic wiring.
05	Dismantle, repair and assemble of automatic electric iron.
06	Overhauling of ceiling fan to change the burnt winding.
07	To study the domestic wiring system.
08	To study the maintenance of transformer.
09	To study different types of test conducted on static and rotating machines before commissioning.
10	Measurement of insulation resistance with the help of megger.

Name of laboratory: - SE – 405 (Industrial Electronics)

Sr. No.	Name of Experiment
1	To study the characteristics of UJT.
2	To study the characteristics of SCR.
3	To study the working of AC timer.
4	To study and perform about AC load controlled using Diac and Triac.
5	To study the dielectric and induction heating.
6	To study and observe working of three phase half wave rectifier.
7	To study and observe working of three phase half full rectifier.
8	To study the IC – 555 timer.
9	To study about the LDR characteristics.
10	To study about the twilight switch.
11	To study about Switch Mode Power Supply (SMPS)
12	To study about UPS.

Name of Laboratory: SE – 305 (Electrical Instrumentation)

Sr. No.	Name of Experiment
1	To study the equipment used in electronics laboratory.
2	To study the specification, cooling and testing of components.
3	To study the CRO.
4	To study the V – I characteristic of P – N junction diode.
5	To study the 1 phase H.W. and F.W. rectifier.
6	To study the filter circuits.
7	To study the voltage regulator circuit using zener diode.
8	To study the characteristic of CB transistor.
9	To study the frequency response of R-C coupled Amplifier.
10	To study the class B push pull amplifier.
11	To study the characteristics of junction FET.
12	To study the characteristic of LDR.
13	To study the working of Hartley Oscillator.
14	To study the transistorized astable multivibrators.
15	To study the astable multivibrator using IC 555.

Name of laboratory: - SE – 501 (Switch gear & Protection)

Sr No.	Name of Experiment
1	Study of fuse and its different types.
2	To study of Time- Fuse current characteristics
3	Study of different terms related to protective relay.
4	Study of different types of relays.
5	To study of Thermal relay.
6	To study of Over current electromagnetic relay.
7	To study of Earth fault electromagnetic relay.
8	To study of Buchholz relay.
9	To study of Connection of CT & PT with relay.

10	Study of different terms related to circuit breaker.
11	Study of different types of circuit breaker.
12	To study of Protective schemes for alternator.
13	To study of Protective schemes used for power transformer.
14	To study of Protective schemes used for transmission lines and feeders.

Name of Laboratory: - SE-503 (Electrical Installation & maintenance)

Sr. No.	Name of Experiment
01	To study the foundation for the rotating Electrical Machine.
02	To Study the different types of earthing System.
03	To Study the measurement of earth resistance.
04	To Study the method for cable laying by direct laying method.
05	To Study the measurement of insulation resistance of winding.
06	To study the instruments and tools used for trouble shooting of electric equipment.
07	To study the insulating testing of dielectric oil.
08	To Study the location of fault using cable fault locator.
09	To Study the electric shock and effect of shock.
10	To study the different types of underground cable.
11	To Study the preventive maintenance of below 1000 KVA Transformer.
12	To Study the troubleshooting of 3-Phase Induction Motor.

Name of Laboratory: SE-504 (A.C. Distribution and Utilization)

Sr. No.	Name of Experiment
01	To study of sub-station and their equipments.
02	To study about bus-bar arrangements in sub-stations.
03	To study the methods of power factor improvement
04	To study about different types of a.c. distribution system.
05	To study of cables its type and cable laying method.
06	To study about tariff and its examples.
07	To study the electrical drives.
08	To study the concept of illumination.
09	To study the electric heating and design of heating elements.
10	To study of various types of welding elements.
11	To study of electro-chemical process.

Name of laboratory: - SE – 506 (Digital Electronics)

Sr. No.	Name of Experiment
1	To study different types of logic gates.

2	To study of RC differentiating and integrating circuit.
3	To study Half addition and Full addition.
4	To study Half subtraction and Full subtraction.
5	Verify the Demorgen's theorem.
6	Verify NAND & NOR as universal gates.
7	Building and testing J – K master and slave flip-flops.
8	To study A/D and D/A conversion.
9	To study of clipping and clamping circuits.
10	To study of seven segment LED display.
11	To study of seven segment LCD display.

Name of Laboratory: - SE-601 (Microprocessor & Control System components)

Sr. No.	Name of Experiment
01	To study linear variable differential transformer (LVDT).
02	To Study the Strain Gauge.
03	To study the Capacitive Transducer.
04	To Study the Thermister
05	To study the Thermocouple.
06	Study Of Flip Flop Circuits.
07	To study the Telemetry System.
08	To Study the Synchro.
09	To Study the D.C. Servomotor Characteristics.
10	To Study the A.C. Servomotor Characteristics.
11	To Study the Stepper motor Characteristics.
12	Open Loop Control System.
13	Closed Loop Control System.
14	To study Half wave Circuit.

Name of Laboratory: E-603 (Energy Conservation techniques.)

Sr. No.	Name of Experiment
01	To study of energy audit
02	To study about energy conservation by power factor improvement
03	To study about energy conservation by energy efficient motors
04	To study about energy conservation in power station by combined cycle method and co-generation.
05	Optimum loading of motor to study about energy conservation by and proper control of motor
06	To study about demand side management
07	To study of pole amplitude modulation motors
08	To study about modern technology of energy conservation
09	To study about energy conservation by good illumination design
10	To study about energy conservation in various industries

Name of Laboratory: SE-604(Power Station Engineering).

Sr. No.	Name of Experiment
01	To study of organization structure of a modern power station.
02	Study of different methods of fault location and testing of power cables.
3	To study of different types of load curves used in power station.
04	To study role of load dispatch centre.
05	To study of synchronizing of alternator with infinite buabars.
06	To study of chemical analysis of coal, lignite, and feed water
07	To study about pollution and methods of reducing pollution.
08	Study of safety rules and safety equipment in power station
09	To study about comparison of thermal, hydro, and nuclear power station.
10	To study about interconnected power system.
11	To study of depreciation cost in power station.

Name of Laboratory: - SE-605 (Electric Traction & Control)

Sr. No.	Name of Experiment
01	To study of multiple unit control
02	To study of different types of electrical braking methods.
03	To study of train lighting.
04	Drum type master controller.
05	To study composite locomotive.
06	To study various traction systems.
07	To study specific features of D.C. series motor as a traction motor.
08	To study different types of overhead current collecting equipments.
09	To study the lay out of D.C. locomotive and diesel electric locomotive.
10	To study energy saving in series-parallel control of D.C. motor.
11	To study the power diagram of D.C. locomotive and its equipments.
12	To study about arno converter.

Name of Laboratory: - SE-609 (Advance Electrical Machines)

Sr. No.	Name of Experiment
01	To study of Constant Current Transformer (C.C.T.)

02	To study of Constant Voltage Transformer (C.V.T.)
03	To study of Amplidyne.
04	To study of Metadyne.
05	To study of Liner Induction Motor.
06	To study of Welding Transformer.
07	To perform Break test of D.C. shunt Motor.
08	To perform Hopkinson's test of D.C.shunt machines.
09	To perform Field test on D.C. series machines.
10	To study of booster transformer.

(C)Automobile

Name of Laboratory: A 451 (Automobile Engine)

Sr. No	Name Of Experiment
1	Demonstration of two & four stroke engines
2	Demonstration of piston, connecting rod & crank shaft
3	Demonstration of valve gear (Camshaft, Timing gear)
4	Demonstration of different types of carburetors
5	Demonstration of fuel injector, its nozzle & fuel filters
6	Demonstration of fuel injection pump and governors
7	Demonstration of cooling system and its components.
8	Demonstration of various lubricating system & its components.

Name of Laboratory: A 452 (Transmission & Mechanism)

Sr. No	Name Of Experiment
1	To Study the construction and function of chassis, frame and its layout.
2	To study the construction and operation of different types of clutch
3	To study the construction and function of different types of gearbox
4	To study the construction and function of different types of propeller shaft and universal joint
5	To study the construction and function of different types of rear axle assembly
6	To study the construction and function of different types of front axle and steering mechanism.
7	To study the construction and function of different types of brakes
8	To study the construction and function of different types of suspension
9	To study the construction and function of wheels and tyres.

Name of Laboratory: A 453 (Auto Electric System)

Sr. No	Name Of Experiment
1	Demonstration of cable size, colour code, wiring and symbols used in auto wiring
2	Demonstration of construction and working of automobile batteries
3	Demonstration of different types of ignition systems
4	Demonstration of different types of starter motor, its drive and switches
5	Demonstration of D.C. generator and its regulators
6	Demonstration of A.C. generator and its regulators
7	Demonstration of typical wiring system of a vehicle
8	Demonstration of automobile bulbs and lights
9	Demonstration of electrical indicating devices (Dash board units)
10	Demonstration of various electrical accessories e.g. horn and its relay, Wipers, direction indicators etc.
11	Demonstration of vehicle air conditioning

Name of Laboratory: A 455 (Theory of machine and Strength Of Material)

Sr. No	Name Of Experiment
1	Tensile test on mild steel
2	Impact test
3	Shear test (Single / double)
4	Compression test
5	Torsion test
6	Stiffness test
7	Study of gear train & calculation of gear ratio
8	Calculation of mass moment of inertia

Name of Laboratory: A 456 (Fuels And Lubricants)

Sr. No	Name Of Experiment
1	Determination of viscosity of given sample of fuel oil at different temperature
2	Determination of viscosity of lubricating oil at different temperature.
3	Determination of flash and fire point of given sample of fuel.
4	Determination of specific gravity of given sample of fuel by Westphal Balance
5	Determination of absolute viscosity of diesel fuel using u-tube viscometer.
6	Study of distillation process of crude oil.
7	Study of CFR engine and knock meter.
8	Determination of API gravity of given sample of fuel.
9	Determination of cloud and pour point of given sample of oil

Name of Laboratory: A 457 (Materials And Manufacturing Technology)

Sr. No	Name Of Experiment
1	Perform hardening process on steel component and to determine the Hardness of that component
2	Prepare a job using forging process
3	Demonstration of casting procedure
4	Prepare a job using gas cutting and gas welding
5	Prepare a job using arc welding
6	Demonstration of brazing and soldering
7	Prepare a job on centre lathe as per the given drawing (Straight Turning, Taper Turning, Grooving, Knurling, Thread cutting)
8	Demonstration of Shaper and Milling Machine
9	Demonstration of surface finishing operations (Grinding Honning, Lapping)
10	Demonstration of the body building work

Name of Laboratory: A 551 (Diagnosis and Testing - I) (Any Seven)

Sr. No	Name Of Experiment
1	Cylinder boring and honing
2	Connecting rod alignment
3	Inspection and reconditioning of crankshaft
4	Reconditioning of valves and valve seat
5	Calibration and phasing of fuel injection pump
6	Servicing and testing of injectors
7	Setting of fuel injection timing on a diesel engine
8	Fuel consumption test on automobiles
9	Testing of I.C. engine
10	Engine tune up and exhaust gas analysis
11	Servicing of cooling system
12	Servicing of lubrication system
13	Testing and setting of petrol injection system.

Name of Laboratory: A 552 (Diagnosis and Testing - II) (Any Seven)

Sr. No	Name Of Experiment
1	Servicing of clutch
2	Servicing of gear box
3	Servicing of automatic transmission
4	Servicing of fluid coupling
5	Servicing of final drive
6	Servicing of steering system
7	Servicing of gear shifting mechanism
8	Servicing of braking system
9	Bleeding of hydraulic braking system and pedal adjustment
10	Servicing of air brake system

11	Wheel alignment and balancing
12	Vehicle performance test and driving practice

Name of Laboratory: A 553 (Diagnosis and Testing - III) (Any Seven)

Sr. No	Name Of Experiment
1	Testing of an automobile battery for its serviceability
2	Testing of ignition coil, condensor, dwell angle etc.
3	Setting and checking of ignition timing of S.I. engine
4	Testing of starter motor and its circuit for voltage drop, no-load and torque
5	Testing of D.C. Generator component
6	Testing of starter motor component
7	Testing of alternator and its components
8	Setting and adjustments of cutout unit, current and voltage regulator
9	Testing of output of D.C. generator / alternator
10	Setting and adjustment of head light of the automotive vehicle
11	Setting and adjustment of high frequency electric horn with its relay
12	Testing of vehicle air conditioning system

Name of Laboratory: A 558 (Auto Trade Practice)

Sr. No	Name Of Experiment
1	Prepare garage layout
2	Demonstration of safety in garage
3	Demonstration of use and care of hand tools
4	Demonstration of use of various types of tools and instruments
5	Demonstration of use of various types of measuring & testing equipments.
6	Calibration and maintenance of measuring & testing equipments.
7	Perform soldering, brazing and riveting.
8	Perform welding.
9	Carry out maintenance of bearing and bushes.
10	Demonstration and use of servicing equipments.

Name of Laboratory: A 653 (Tractor and Farm Equipments) (Any Seven)

Sr. No	Name Of Experiment
1	Demonstration layout and operation of hydraulic system in tractor.
2	Overhauling of hydraulic system, pump control valve and remote cylinder.
3	Overhauling of power filler transmission system including

	main clutch, steering clutch and brake mechanism.
4	Testing of wheel and hub for field operation with and without implements.
5	Demonstration of implements like disc harrow grass cutter and lawn mover.
6	Fitting and adjustments of implements like disc harrow grass cutter and lawn mover.
7	Demonstration of implements like plough cultivator and power take off unit.
8	Fitting and adjustments of implements like plough cultivator and power take off unit for its serviceability before use.
9	Observation of service equipment study of job cards, process sheets, workshop system layout and log book.
10	Preparation of trouble shooting chart in tractor driving and testing of the performance of tractor with and without implementation.

Name of Laboratory: A 654 (Automobile Pollution Control Engineering)

Sr. No	Name Of Experiment
1	Vacuum control diagnosis
2	Measure CO, HC emission from petrol engine on exhaust gas analysis.
3	Measure diesel exhaust smoke of diesel engine on diesel smoke meter
4	Positive crankcase ventilation system service.
5	Air injection system service.
6	Spark timing control system tests.
7	General Converter service.
8	Catalytic converter service
9	CNG kit inspection, testing and setting.

Name of Laboratory: A 656 (Vehicle Air Conditioning)

Sr. No	Name Of Experiment
1	Testing of refrigerant leaks in the systems
2	Evacuating the Air-Conditioner system.
3	Recharging the Air- conditioner system.
4	Trouble shooting the air conditioner system.
5	Servicing Air-conditioner.
6	Servicing Air - conditioner compressor.
7	Servicing Heating systems.

(D)Computer

Name of Laboratory: Office Automation

Sr. No	Name Of Experiment
1	DOS
2	Windows
3	Microsoft word
4	Microsoft excel
5	Microsoft Power point
6	Introduction to HTML

Name of Laboratory: Programming in C

Sr. No	Name Of Experiment
01	Write a Program to display name and address.
02	Write a Program to perform all the arithmetic operations on two integers scanned from user.
03	Write a Program to find average of three numbers read from the users.
04	Write a Program to calculate simple interest using principle, interest rate, years entered by user.
05	Write a Program to calculate 10% Bonus of the Salary and print the net salary
06	Write a Program to find the Volume and Area of the base of the cylinder.
07	Write a Program to convert Temperature from Fahrenheit to Celsius unit.
08	Use the Equation $C = (F - 32)/1.8$.
09	Write a Program to find no. of years, months and days from entered no. of days using "%" (modulo operator).
10	Write a Program to find sum of a 3 digit No. using "%" (Modulo Operator).
11	Write a program to interchange values of two variables using third variable.
12	Write a program to interchange values of two variables without using the third variable.
13	Write a Program to check whether entered value is even or odd.
14	Write a Program to check whether entered year is Leap year or not.
15	Write a Program to check whether entered character is in capital or small letter.
16	Write a Program to find the Largest of three variables using if-else.
17	Write a Program to find the Largest of three variables using conditional operator [Ternary operator].
18	Write a Program to demonstrate the Else-If ladder.

19	Write a Menu Driven Program using Else-If Ladder.
20	Write a Menu Driven Program using Switch - Case statement.
21	Write a Program to print 1 to 10 using While loop.
22	Write a Program to do the sum of any ten numbers using while loop.
23	Write a Program to print the odd and even no. between 1 to 50 using while loop.
24	Write a Program to print the Multiplication Table of any particular number.
25	Write a Program to do the sum and average of any ten numbers using Do while loop.
26	Write a Program that reads a character from keyboard and print in Reverse case.
27	Write a program to reverse the number.
28	Write a Program to check whether a particular number is a palindrome or not.
29	Write a Program to find numbers of and sum of all integers greater than 100 and less than 200 that are divisible by 7.
30	Write a program to find factorial of entered no.
31	Write a Program to print the Fibonacci series. i.e.(0,1,1,2,3,5,8,..).
32	Write a program to find the sum $1/1! + 1/2! + 1/3! + ..$
33	Write a program to find the divisors of a given number.
34	Write a program to find the sum: $Sum = 1 + \sqrt{2} + \sqrt{3} + ..\sqrt{n}$.
35	Program to get 10 nos. and print them in reverse order.
36	To Copy the content of one array to another.
37	To do the sum of two array and show the result in thirdarray
38	To find minimum out of ten values.
39	To find maximum out of ten values.
40	Sorting an array using Bubble Sort Method.
41	Searching of Particular Element in array using Linear Search Binary Search
42	To Read the matrix value and Display Them (2-Dimensional).
43	To do the Sum Of Two Matrices.
44	To find the Transpose Of a Matrix.
45	To find Multiplication of Matrices.
46	To convert a binary value to Decimal.
47	To convert a Decimal value to binary .
48	To Display Pascal`s Triangle.
49	To Find Standard Deviation.
50	write a program to get the string & display it.
51	write a program to get your full name & print it.

Name of Laboratory: CONM

Sr. No	Name Of Experiment
01	Write a program to implement Bi-section method.
02	Write a program to implement Newton Rap son Method.
03	Write a program to implement Regula-falsi Method.

04	Write a program to implement Self Iterative Method.
05	Write a program to implement Wag ranges interpretation Method.
06	Write a program to implement Trapezoidal Method.
07	Write a program to implement Simpson's 1/3 Rule.
08	Write a program to implement Simpson's 3/8 Rule.
09	Write a program to implement Euler's Method.

Name of Laboratory: COMPTEER NETWORK

Sr. No	Name Of Experiment
01	To study about information of compouter network
02	Study about different type of topology in network
03	study about reference models
04	study about tranmission media in network
05	interconnecting device like router,hub, switch and modem
06	study about ethernet and NIC card
07	study about priint server and file server
08	study about LAN network installation
09	study about internet

Name of Laboratory: Programming in C++

Sr. No	Name Of Experiment
01	Example on control structure`
02	Example on function
03	Example on Class & object
04	Exapmle on constructor & destrucor
05	Example on operator overloading and type conversion
06	Exampe on inheritance
07	Exapmle on virtual function and polymorphism and pointer
08	Working with file

Name of Laboratory: Data structure Management

Sr. No	Name Of Experiment
01	develop algo for string manipulaton operation
02	develop a algorithm for push and pop operation of stack.
03	develop a algorithm for insertion and deletion for simple queue

04	develop a algo for convert polish expresion from infix to postfix
05	devwlop a algo for insert and delete of circuler queue
06	develop a algo for insert new node in singly link lis
07	develop an algo for insert and delet node in doubly link list
08	develop an algo for binary search tree
09	develop an algo for bubble sort
10	develop an algo for selection sort
11	develop an algo for quick sort
12	develop an algo for shell sort
13	develop an algo for radix sort
14	develop an algo sor linear seach
15	develop an algo for binary search

Name of Laboratory: OPERATING SYSTEM

Sr. No	Name Of Experiments
1	Unix introduction
2	File and directory path name
3	copying removiing displaying and search file
4	practical on pipes
5	Wild card ~ file name and help
6	file system security- process and jobs
7	unix variable
8	VI editor
9	Shell Script

Computer Main. & Peripherals (SCE-503)

Sr. No	Name Of Experiment
1	Study of Measuring Instruments CRO & Multimeter
2	Testing of active and passive components
3	Studying of PC hardware and configuration
4	Motherboard layout study
5	CMOS set-up check and alteration
6	Trouble shooting procedure and PC diagnostic software
7	Layman check for faculty system
8	To study of racetrack and vector scan display
9	Study of Display card
10	Study of SMPS

11	Study of Keyboard
12	Study of general I/O devices connectors and I/O port.
13	To study the mechanism of printer
14	Study of printer installation , faults and their diagnostic software
15	Installation procedure for floppy drive and hard disk.
16	Installation of operating system and software
17	CD-Drive/ CD-writer installation with multimedia
18	Installation procedure of Scanner, Modem & SCSI device
19	Assembling of Microcomputer

Subject :- Java (SCE-502)

Sr. No	Name Of Experiments
1	Simple Java Programs
2	Java Programs For Trianle and Series
3	Java Programs For class and object
4	Inheritance
5	Packages and Interfaces
6	Exception handling
7	Multithread programming
8	String handling
9	Applets and applications
10	Using AWT in application

Subject:- Digital Electronics (SCE-303)

Sr. No	Name of Topic
1	To realize the basic logic gates.
2	To realize the NAND gate as a universal building block.
3	To realize the NOR gate as a universal building block.
4	To realize the HALF ADDER circuit.
5	To realize the FULL ADDER circuit.
6	To realize the HALF SUBTRACOR circuit.
7	To realize the AND-OR-INVERT circuit.
8	To realize the parity checker circuit.
9	To test the Ripple counter.
10	To realize the Exclusive-OR gate.
11	To realize the SR flip-flop.
12	To realize the JK flip-flop.
13	To test the shift register.
14	To test the Digital to Analog convertor circuit
15	To test the Analog to Digital convertor circuit

Subject :- Project (SCE-505)

Sr. No	Name of Topic
1	Introduction about Technology, System Requirement, Project Planning, need for System, How to give Effective Presentation.
2	Implimenting Bus Reservation System.
3	Implimenting School management System.
4	Implimenting Car Rnt System.
5	Implimenting All on Rnt System.
6	Implimenting Mobile store management System.
7	Implimenting Airline ticket Reservation System.
8	Implimenting Online Banking System.
9	Implimenting WebSite Of electronics Instrument which give facility to Onine Cart syatem

Subject :- SAD (SCE-501)

Sr. No	Name of Topic
1	Introduction about system
2	To study about payroll system
3	To study about student registration system
4	To study about account payable system
5	To study about production and management system
6	To study about library automation system
7	To study about inventory management system
8	To study about stock management system
9	To study about blood bank management system
10	To study about customer order, purchasing & invoicing management system
11	To study about railway reservation management system
12	To study about banking management system

Subject :- MALP (SCE-402)

Sr. No	Name of Topic
1	Architecture of 8085 Microprocessor
2	Addressing modes of 8085 Microprocessor
3	Data Transfer Operations
4	Arithmetic Operations
5	Logical Operations
6	Bit manipulation Operations
7	String Manipulation Operations
8	Iteration Control Operations
9	Conditional Branch Operations
10	Unconditional Branch Operations
11	Interface 8255 with 8085 Microprocessor in Different Modes
12	Interface Analog to Digital Converter with 8085 Microprocessor

Subject :- C# (SCE-508)

Sr. No	Name Of Experiment
1	Class & Object related programs.
2	Programs using the control structure of C#
3	Array, enumerations data type etc.
4	Function and operator overloading
5	Creating user defined casting.
6	Delegate and event oriented programs.
7	String Handling programs.
8	Using Inheritance
9	Exception handling programs.
10	Thread Programming.

Electronics & Communication

Name of Laboratory: EDC-I

sub code: SEC251

Sr. No	Name Of Experiment
1	To study the C.R.O.
2	To study function generator & T.P.S.U.
3	To study Multimeter.
4	Identification of components.
5	To study forward & reverse V-I chara. of diode.
6	To study Zener diode characteristic.
7	To study the characteristics of LED.
8	To study the characteristics of photodiode.
9	To test Half-wave rectifier.
10	To test full-wave rectifier with capacitor filter.
11	To test Bridge rectifier with choke filter.
12	To study the positive & negative clipping.
13	To study the LDR characteristic.
14	To verify I/P & O/P chara. of CB configuration.
15	To verify I/P & O/P chara. of CE configuration.
16	To test CE amplifier & obtain the freq. response.
17	To test Darlington pair.
18	To study colour coding of resistors. - capacitors.
19	To Measure the load regulation and line regulation of Regulated Power Supply
20	To Measure the load regulation and line regulation of Regulated Power Supply - SMPS
21	To study different types of capacitor

Name of Laboratory: Electronics Practices

sub code :S213

Sr. No	Name Of Experiment
1	Electronics Accessories
2	Electronics Component
3	Wiring and Testing of simple Electronics circuit
4	Literature survey & industrial visit

Name of Laboratorys-SEC-302 (Electronics Devices & Circuits-2)

Sr. No	Name Of Experiment
1	To Build The High Pass RC Ckt As A Differentiating Circuit
2	To Build The Low Pass RC Ckt As An Integrating Circuit
3	To Study The Astable Multivibrator Using Transistor.
4	To Study And Perform Monostable Multivibrator Using

	Transistor.
5	To Study And Perform Bistable Multivibrator Using Transistor.
6	To Perform An Experiment Onthe Operation Of Schmitt Trigger Circuit.
7	To Study And Perform Colpitt Oscillator
8	To Study And Perform Of Hartley Oscillator
9	To Study And Perform Of Wein Bridge Oscillator
10	To Obtain A Frequency Response Of Amplifier With And Without Feedback.
11	To Perform Non Inverting And Inverting Op-Amp In Closed Loop Configuration
12	To Build & Test Integrating & Differentiating Circuit Using op-Amp.

Name of Laboratory-SEC-303 (Digital Electronics)

Sr. No	Name Of Experiment
1	To Study & Verify The Truth Tables Of Digital Logic Gates.
2	To Study And VERIFY VARIOUS THEOREMS OF BOOLEAN ALGEBRA INCLUDING De-Morgan's Laws.
3	To Study And Perform The Functionality Of NAND AND NOR GATE AS Universal GATE.
4	To Develop Adder And Subtractor And Verify Its Operation. 1.) Half Adder And Full Adder Using Logic Gates. 2.) 4 Bit Adder Using Ic – 7483. (1) Half Subtractor And Full Subtractor Using Logic Gates. (2) 4 Bit Subtractor Using Ic – 7483. (3) To Verify The Operation Of Decoder. 1.) 2 To 4 Line Decoder 2.) 3 To 8 Line Decoder Using Ic-74138
5	To Verify The Operation OF DECODER. (1) 2 To 4 Line Decoder (2) 3 To 8 Line Decoder Using IC-74138
6	To Study And Verify The Truth Tables Of 8:1 MULTIPLEXER USING IC 14151A.
7	To Verify The Operation Of 4-Bit Comparator Using IC 7485.
8	To Study & Perform PARITY GENRATOR / CHECKER.
9	To Test The Seven Segment Display Using 7447 IC
10	To Study And Verify The Truth Tables Of Different TYPES OF FLIP-Flops. (1) R-S (Reset-Set) Flip-Flop (2) Clocked R-S Flip-Flop (3) D (Delay)Flip-Flop (4) Clocked D Flip-Flop (5) J-K Flip-Flop (6) T (Toggle) Flip-Flop
11	To Verify The Operation OF COUNTER. (1) 3 Bit Asynchronous Counter Using JK Flip Flops.

	(2) 3 Bit Synchronous Counter Using JK Flip Flops. (3) Decade Counter Using IC – 7490.
12	To Study And Performed 4 Bit Parallel Access Shift Register Using IC 7495.

Name of Laboratorys-SEC-304 (Electronic Networks & Lines)

Sr. No	Name Of Experiment
1	To Verify Krichoff's VOLTAGE Law (Kvl)
2	To Verify Krichoff's CURRENT Law (Kcl)
3	To Verify Thevenin's Theorem
4	To Verify Superposition Theorem
5	To Verify Maximum Power TRANSFER Theorem
6	To Verify RECIPROcity THEOREM
7	To Obtain Frequency Response Of Series Resonance Circuit And To Determine Bandwidth And Q.
8	To Obtain Frequency Response Of Parallel Resonance Circuit And To Determine Bandwidth And Q
9	To Obtain Frequency Response Of Constant K- Low Pass Filter
10	To Obtain Frequency Response Of Constant K- High Pass Filter
11	To Obtain Frequency Response Of M- Derived LOW PASS Filter
12	To Design And Test Symmetrical T Attenuators For 40 Db
13	To Design And Test Symmetrical Π Attenuators For 40 Db
14	To Verify The Conversions Of T To Π And Π To T Networks
15	To Find Equivalent T And Π Network Of Unknown Network

Name of Laboratory SEC-305 (Communication Engineering-1)

Sr. No	Name Of Experiment
1	To Perform Balanced Modulator
2	To Obtain S.S.B. Using Filter Method
3	To Perform The PAM & PADM
4	To Perform The PWM & PWDM
5	To Perform The PPM & PPDM
6	To Perform Delta Modulation & Demodulation
7	To Perform ASK Modulation & ASK Demodulation
8	To Perform FSK Modulation & FSK Demodulation
9	To Perform PSK Modulation & PSK Demodulation
10	To Study The Fiber Optic Communication System
11	To Obtain Frequency Response, Resonant Frequency & Bandwidth Of RF Amplifier.
12	To Study Automatic Gain Control (A.G.C.) Stage.
13	To Study The Fault Finding Procedure On Am Receiver Trainer Kit.

Name of Laboratory: SEC-306 (Electronics Instruments & Measurements)

Sr. No	Name Of Experiment
1	Find Out The Value Of The Unknown Resistance By Wheatstone Bridge.
2	To Study The Principle And Operation Of Maxwell Bridge Circuit.
3	To Study The Principle And Operation Of Schering Bridge.
4	To Study The Principle And Operation Of Wein Bridge.
5	To Study About C.R.O.
6	To Observe Lissajous Pattern On C.R.O.
7	To Study The Principle And Operation Of Hartley Oscillator.
8	To Study The Principle And Operation Of Colpitt Oscillator.
9	To Study The Principle And Operation Of Strain Gauge.
10	To Study The Principle And Operation Of L.V.D.T.
11	To Study The Principle And Operation Of Thermocouple.
12	To Check The Working Condition Of Transistor And Diode.

Name of Laboratory: SEC-402 (Microprocessor & Assembly Language Programming)

Sr. No	Name Of Experiment
1	Architecture of 8085 Microprocessor
2	Addressing modes of 8085 Microprocessor
3	Data Transfer Operations
4	Arithmetic Operations
5	Logical Operations
6	Bit manipulation Operations
7	String Manipulation Operations
8	Iteration Control Operations
9	Conditional Branch Operations
10	Unconditional Branch Operations
11	Interface 8255 with 8085 Microprocessor in Different Modes
12	Interface Analog to Digital Converter with 8085 Microprocessor

Name of Laboratory: SEC- 403 (Antenna & Wave Propagation)

Sr. No	Name Of Experiment
1	To study about various antenna parameters.
2	TO DESIGN YAGI-UDA ANTENNA.
3	TO STUDY THE VARIATION OF FIELD STRENGTH OF RADIATED WAVE, WITH DISTANCE FROM TRANSMITTING ANTENNA. (INVERSE SQUARE LAW OF PROPAGATION).
4	TO COMPARE RECEIVED FIELD STRENGTH IN DIFFERENT PLANES.
5	TO OBTAIN RADIATION PATTERN OF DIPOLE ANTENNA ON POLAR PLOTS.

6	TO OBTAIN RADIATION PATTERN OF FOLDED DIPOLE ANTENNA ON POLAR PLOTS.
7	TO OBTAIN RADIATION PATTERN OF YAGI-UDA ANTENNA ON POLAR PLOTS
8	TO STUDY ABOUT RECIPROTY THEOREM FOR ANTENNA.
9	TO OBTAIN RADIATION PATTERN OF HELICAL ANTENNA ON POLAR PLOTS.
10	TO OBTAIN RADIATION PATTERN OF LOOP ANTENNA ON POLAR PLOTS.
11	TO OBTAIN RADIATION PATTERN OF END FIRE ANTENNA ON POLAR PLOTS.
12	TO OBTAIN RADIATION PATTERN OF BROAD SIDE ANTENNA ON POLAR PLOTS.

Name of Laboratory: SEC-404 (Industrial Electronics)

Sr. No	Name Of Experiment
1	To Obtain Characteristics of S.C.R and measure holding current
2	To obtain the V-I characteristics of DIAC.
3	To study and verify the A.C. Performance of DIAC.
4	To obtain the characteristics of TRIAC in four modes.
5	To obtain the characteristics of UJT.
6	To verify UJT as a relaxation Oscillator.
7	To perform force commutation method.
8	To perform D.C. motor and speed controlling using SCR.
9	To study about Inverter.
10	To study about Chopper
11	To study about the cycloconverter.
12	To study about dielectric heating
	To study about the induction heating
	To study about the biomedical electronics
	To study the programmable logic controllers.

Name of Laboratory: SEC-405 (Communication Engineering-II)

Sr. No	Name Of Experiment
1	To perform balanced modulator
2	To obtain s.s.b. using filter method
3	To perform the pam & padm
4	To perform the pwm & pwdm
5	To perform the ppm & ppdm
6	To perform delta modulation & demodulation
7	To perform adaptive delta modulation & demodulation
8	To perform ask modulation & ask demodulation
9	To perform fsk modulation & fsk demodulation
10	To perform psk modulation & psk demodulation
11	To study the operation of modem circuit using digital data
12	To study the fiber optic communication system
	Log Book

Name of Laboratory: SEC-406 (Television Engineering)

Sr. No	Name Of Experiment
1	Study block diagram of tv transmitter
2	Study the block diagram of tv receiver
3	To study various component of composite video signal
4	To study operation of electronic tuner.
5	To observe various patterns of color pattern generator.
6	To design yagi-uda antenna for a given channel
7	To study picture tube.
8	To understand the agc circuits
9	To understand vif stage and observe input and output waveforms.
10	To understand sound section and observe waveforms at various stages
11	To understand sync separator circuit and observe input and output wave forms.
12	To understand deflection section and observe input and output waveforms
13	To understand working of eht section.
14	To understand the smps section and find out load and line regulation.
15	To study various faults in colour television receiver.
16	To study the pal decoder in color receiver.
17	To list out ccir-b standards
18	To study pal coder
19	Study remote control transmitter and receiver

(C) Computing facilities.

(1) Number and configuration of the system

Number of system: 215

Configuration:

Core 2 Duo processor, 250 GB HDD, 17" LCD, 1 GB RAM.
P4 processor, 40 GB hard disk, 14" monitor, 256 MB RAM
P3 processor, 40 GB hard disk,
CD Drive
Laser Printers

(2) Total number of system connected by LAN

115 computers are connected in LAN

(3) Total number of system connected by WAN

115 computers connected with WAN

(4) Internet bandwidth

2Mbps Leased Line (24 Hrs)

(5) major software packages available

MS Office, Window 98, Window Xp, Auto CAD

(6) Special purpose facilities available

Language laboratory

(D) Workshop

(1) List of facilities available

➤ **Games and sports facilities**

Indoor game room for table tennis, badminton, carom, chess
Cricket ground and volleyball ground for outdoor game

➤ **Extra curriculum activities**

Teachers Day, Cultural events, blood donation camp, elocution

➤ **Soft skill development facilities**

Yoga class for students and also for faculty
Personality development class
Teacher's training Programme for faculty

➤ **Number of classrooms, tutorial room, laboratories, drawing hall and computer center and size of each.**

Sr. no	Room no	Occupancy	Area sq.m	Department
1	001	Student Store.	40	-----
2	002	Boy's Toilet.	12.8	-----
3	003	Kinematics And Dynamics Lab.	155.5	Mechanical
4	004	Fluid Mechanics And Fluid Power Lab.	214	Mechanical
5	005	Thermal And Hydraulic Prime Movers.	155.5	Mechanical
6	006	Electric Room.	12.8	Electrical
7	007	Electric Machine Lab.	214	Electrical
8	008	Electric Room.	12.8	Electrical
9	009	Fitting, Sheet Metal, Carpentry, And Plumbing.	155.5	Mechanical
10	010	Manufacturing Process & Welding.	214	Mechanical
11	011	CNC & Non Conventional machines.	155.5	Mechanical
12	012	Girl's Toilet.	12.8	-----
13	101	Principal Polytechnic.	44.75	Mechanical
14	102	Guest Room.	20	Mechanical

15	103	Seminar Room And MED .Lib.	44.25	Mechanical
16	104	Boy's Toilet.	12.8	-----
17	105	Metrology & Metallurgy Lab.	155.5	Mechanical
18	106	Drawing Hall.	214	Mechanical
19	107	Heat And Mass Transfer.	155.5	Mechanical
20	108	Electrical Room.	6.1	Electrical
21	109	Drawing Hall.	214	Electrical
22	110	Electrical Room.	6.1	Electrical
23	111	Alternative Energy System Lab.	155.5	Mechanical
24	112	Work Study, Operation & Research Measurement.	214	Mechanical
25	113	Thermal Engg Lab.	155.5	Mechanical
26	114	Girl's Toilet.	12.8	Mechanical

Sr. No.	Particular	Available	Area
1.	Class Rooms	13	87 m ²
2.	Tutorial Hall	5	45 m ²
3.	Drawing Hall	2	230 m ²
4.	Computer Centre	2	101.00 m ²

Area of Laboratories of all Branches available in topic **XV (B)**.

➤ **Central examination facilities**

Sufficient class room and strong room available to conduct central examination and area of each room is 87 m².

(2) Curricula and syllabi for each of the programmes

Since the institute affiliated with technical examination board Gujarat state, Gandhinagar. And Gujarat Technological university (GTU), Ahmedabad. It is compulsory to follow curriculum laid down by board Curriculum is available on website

(3) Academic calendar of the university (Board)

TERM-082 (FOR ALL EXCEPT 2ND SEM)

Academic Term: 29/01/09 to 16/05/09
 Working days: 85
 Holydays: 26
 Total days: 111
 Date for Exam: 26/05/09

**ACADEMIC CALENDAR FOR GUJARAT TECHNOLOGICAL UNIVERSITY
FOR YEAR 2008-09**

Academic Term: 29/01/09 TO 23/05/09
Working days: 95
Holydays: 23
Total days: 118
Summer Vacation: 25/05/09 to 20/06/09
Mid Semester Exam: 6/04/09 to 11/4/09
Probable date for Exam: 22/06/09 onwards

TERM-091 (FOR ALL EXCEPT 3RD SEM AND 1ST SEM)

Academic Term: 16/07/09 to 30/10/09
Working days: 81
Holydays: 15
Total days: 96
Date for Exam: 9/11/09

**ACADEMIC CALENDAR FOR GUJARAT TECHNOLOGICAL UNIVERSITY
FOR YEAR 2009-10**

Academic Term: 27/07/09 TO 5/12/09
Working days: 94
Holydays: 33
Total days: 137
Diwali Vacation: 20/10/09 to 23/10/09
Probable date for Exam: 18/01/09
Date for starting to fill up registration form: 5/12/09
Exam form submission date: 11/12/09

(4) Academic Time Table

(A) Mechanical

Sem:- 2nd Mechanical

TIME TABLE

WEF:- 23.03.09
Class Room:- A207

Time	Mon	Tue	Wed	Thu	Fri	Sat
08.30 to 09.30	S206 B07 SM21 MDP(e) SM251	S206 B07 SM22 ARP SM251	S206 B07 SM23 ARP SM251	SM251 WS101 SM21 RDG S207 A206	S204 A011 SM21 APP S203 WS007	S203* WS007 SM21 HNP S204* A011
09.30 to 10.30	WS101 SM22 KSA SM23 IMK	WS101 SM23 HST SM21 IMK	WS101 SM21 HST SM22 JMP	SM22 DDP S203 WS007 SM23 HNP	SM22 JMP SM23 DRS	SM22 APP SM23 CIVIL2
RECESS						
10.45 to 11.45	S202 DDP	S206 MDP(e)	S203 WS007 SM21 DRS SM22 HNP	S224 KRP	S201 JAJ	S203* WS007 SM21 HNP S204* A011
11.45 to 12.45	S204 APP	S204 CIVIL2	S207 WS101 SM23 KRP	S202 DDP	S224 KSA	SM22 APP SM23 CIVIL2
RECESS						
13.15 to 14.15	S201 JAJ	SM251 IMK	S206 ARP	S207 WS010 SM21 KRP SM251	S206 JRT	
14.15 to 15.15	S224 DRS	S201 JAJ	SM251 RDG	WS101 SM22 HST SM23 HNP		

*Odd Saturday Only

Sem:- 4th Mechanical

TIME TABLE

WEF:- 23.03.09
Class Room:- A209

Time	Mon	Tue	Wed	Thu	Fri	Sat
08.30 to 09.30	SM403 WS10 SM41 MDP SM42 RDG	SM402 JPF	SM405 PGP	SM402 A012 SM41 IMK	S401 TKB	
09.30 to 10.30	SM404 WS03 SM43 JMP	SM401 KSA	SM403 MKP	SM403 WS10 SM42 MKP SM43 MDP	SM404 KSA	
RECESS						
10.45 to 11.45	SM403 WS10 SM41 RDG SM43 MDP	SM403 HST	SM402 MDP A211	SM403 MKP	SM404 WS03 SM41 RDG SM405	
11.45 to 12.45	SM402 A12 SM42 KSP	SM401 TKB	SM405 IMK A211	SM404 HST	WS105 SM42 IMK SM43 PGP	

RECESS						
13.15 to 14.15	SM405 PGP	SM405 WS105 SM41 KSA SM43 PGP	SM405 WS105 SM41 KSA SM42 IMK	SM404 DRS	SM402 MDP	
14.15 to 15.15	SM403 MDP	SM404 WS03 SM42 DRS	SM402 A012 SM43 MDP		SM405 IMK	

Sem:- 6th Mechanical

TIME TABLE

WEF:- 23.03.09

Class Room:- A211

Time	Mon	Tue	Wed	Thu	Fri	Sat
08.30 to 09.30	SM604 MKP	SM605 RDG	SM604 DRS	SM609 JMP	SM603WS113 SM61 KSP SM604 A206	SM609*
09.30 to 10.30	SM601 KSP	SM605 JMP	SM605 RDG	SM603 KSP	SM62 MKP SM609 WS10 SM63 PGP	SM609*
RECESS						
10.45 to 11.45	SM603 PGP	SM603 LCP	SM602 A206 SM61 MKP SM63 KSA	SM605WS011 SM61 RDG SM602	SM601 KSP	SM602* SM61 MKP SM605*WS011
11.45 to 12.45	SM604 LCP	SM601 RDG	SM601 WS101 SM62 RDG	SM62 PGP SM63 IMK	SM609 MKP	SM62 JMP SM601*WS010 SM63 KSP
RECESS						
13.15 to 14.15	SM604 A206 SM61 MKP SM609 WS113	SM602 A206 SM61 MKP SM62 KSP	SM602 SM61 MKP SM62 PGP	SM601WS010 SM61 JMP SM602	SM603WS113 SM62 HST SM602	SM602* SM61 MKP SM605*WS011
14.15 to 15.15	SM62 JMP SM603 WS113 SM63 HST	SM605 WS11 SM63 RDG	SM604 A206 SM63 DRS	SM62 PGP SM63 IMK	SM63 KSA SM609 WS10 SM61JMP	SM62 JMP SM601*WS010 SM63 KSP

*Odd Saturday Only

Sem:- 5th Mechanical

TIME TABLE

WEF: 16/7/09 to 30/10/09

Time	Mon	Tue	Wed	Thu	Fri	Sat
08.05 to 09.00	SM 503 JMP A 211	SM502 HST A 211	SM 504 RDG A 209	SM 506 KSP A 211	SM 503 ,53 IMK WS113 SM 505,51	SM 502 CHETAN A 210
09.00 to 09.55	SM 502 KSA A 211	SM501 HST A211	SM 505 KSP A 209	SM 505 MKP A 211	KSP WS003 SM506, 52 JPF WS005	SM 502 CHETAN A 210

RECESS						
10.15 to 11.15	SM503, 51 JMP WS113 SM505 MKP	SM501 ,51,52 HST,MKP WS010	SM501 , 52,53 MKP,HST WS10	SM 501 , 51,53 BIPIN,HST WS010	SM 505 KSP A 210	SM 504* JPF A 210
11.15 to 12.15	52 WS003 SM506 53 KSP WS 005	SM504,53 WS003 RDG	SM 504 ,51 RDG WS003	SM 504 ,52 JMP WS003	SM 501 MKP A 210	SM 504* JPF A 210
RECESS						
12.30 to 1.20	SM506 JPF A 210	SM 503 IMK A 210	SM 506 LCP	SM503 JMP A 210	SM 503, 52 JMP WS113 SM 505, 53 BIPIN WS003	
01.20 to 02.10	SM501 MKP A 210	SM 506 KSP A 210		SM 501 IMK A 210		SM 506, 51 KSP WS005

*Odd Saturday Only

Sem:- 3rd Mechanical

TIME TABLE

WEF: 27/7/09 to 5/12/09

Time	Mon	Tue	Wed	Thu	Fri	Sat
08.05 to 09.00	SM304 MKP A 210	SM303 RDG A 210	S301 Tejash A 210	SM302 WS010 SM31 JPF SM32 DRS SM 303 WS004 SM33 RDG	SM302 DRS A 210	
09.00 to 09.55	SM302 Tejash A 210	SM402 KSP A 210	SM402 RMP A 210		SM303 RDG A 210	
RECESS						
10.15 to 11.15	SM303 KSA A 210	S301 Tejash A 210	SM302 CHETAN A 210	SM302 DRS A 210	SM402 JPF A201	
11.15 to 12.15	S301 Piyush A 210	SM306 Piyush A 210	SM303 KSA A 210	SM306 Chetan A 210	SM304 LCP A201	
RECESS						
12.30 to 1.20	SM306 JMP A 203	SM302 WS010 SM32 DRS SM33 Chetan SM402 A013 SM31 JPF	SM302 WS010	SM306 WS105	SM303 WS 004 SM31 KSA SM402 A013 SM32 JPF SM306 WS105 SM33 DRS	
01.20 to 02.10	SM304 KSP A 203		SM31 DRS SM33 MKP SM303 WS004 SM32 RDG	SM31 KSA SM32 RDG SM402 A013 SM33 JPF		

Sem:- 1st Mechanical A

TIME TABLE

WEF: 27/7/09 to 5/12/09

Class Room:- A211

Time	Mon	Tue	Wed	Thu	Fri	Sat
08.05 to 09.00	310018 A109 SM11 INB SM12 MPP S310030 A011 SM13 BIPIN	310018 A 109 SM12 MPP SM13 MNP 31030 A011 SM11 GJP	310018 A109 SM11 INB SM13 MNP 31030 A011 SM12 APP	310029 WS101 SM11 Piyush SM13 Tejash 310041 A201 SM12 Chetan	310029 A110 SM11 KSA SM12 MKP 310041 A201 SM13 Tejash	
09.00 to 09.55						
RECESS						
10.15 to 11.15	310029 Tejash	310034 Mrs. K.R.P.	310029 WS101 SM12 JPF SM13 HNP 310041 A201 SM11 JMP	310034 Mrs. K.R.P.	310015 CS. VISIT.	
11.15 to 12.15	310030 APP	310002 K.R.P.		310015 T.K.B.	310030 APP	
RECESS						
12.30 to 1.20	310034 J.A.J.	310029 MKP	310031 APP	310015 T.K.B.	310015 T.K.B.	
01.20 to 02.10	310002 K.R.P.	310030 BIPIN	310031 GJP	310034 J.A.J.	310031 GJP	

Sem:- 1st Mechanical B

TIME TABLE

WEF: 27/7/09 to 5/12/09

Class Room:- A209

Time	Mon	Tue	Wed	Thu	Fri	Sat
08.05 to 09.00	310018 A 008 SM14 MNP SM15 RAN 31030 A012 SM16 APP	310029 SM14 DRS WS101 SM15 Piyush A110 SM16 MKP WS101	310029 WS 101 SM14 DRS SM16 MKP 31030 A012 SM15 GJP	310031 APP	310029 A206 SM15 Chetan 31030 A012 SM14 GJP 310041 A201 SM16 JMP	
09.00 to 09.55				310031 HST		
RECESS						
10.15 to 11.15	310029 BIPIN	310030 GJP	310002 K.R.P.	310015 T.K.B.	310030 GJP	
11.15 to 12.15	310034 Mrs. K.R.P.	310031 GJP	310034 J.A.J.	310034 J.A.J.	310015 CS. VISIT.	

RECESS						
12.30 to 1.20	310002 K.R.P.	310034 Mrs. K.R.P.	310029 Chetan	310018 A 109 SM15 MNP SM16 MPP	310018 A 109 SM14 MPP SM16 MNP	
01.20 to 02.10	310015 T.K.B.	310015 T.K.B.	310030 APP	310041 A209 SM14 Tejas	310041 A209 SM15 HST	

(B) Electrical

Term-082

2ND SEMESTER

SR. NO.	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	08:30	S-204 SE-21, APP (A-011)	SE-251 SE-21 MMP (B-006)	S-207 SE-21 MDP(E)(B-003)	S-205 SE21 HST (A-112)	SE-251 SE21 RDM (B-003)	
2	09:30	SE-251 SE-22 MMP (B-006) S-216 SE-23 TSP (A-104)	SE-251 SE-23 RDM (B-003) S-207 SE-22 MDP(E)(B-003)	SE-251 SE22 RDM (B-003) SE-251 SE-23 MMP (B-006)	S-205 SE-22 PGP (A-112) S-216 SE-23 TSP (A-104)	S-216 SE-22 TSP (A-104) S-205 SE23 HNP (A-112)	
RECESS							
3	10:45	S-201 JAJ (B-208)	S-205 JPF (B-208)	S-201 JAJ (B-208)	S-202 DDP (B-208)	S-216 SE21 TSP (A-104) S-204 SE-22	
4	11:45	SE-251 MMP (B-208)	SE-251 RDM (B-208)	SE-251 MMP (B-208)	SE-251 RDM (B-208)	APP (A-012) S-204 SE-23 APP (A-012)	
RECESS							
5	01:15	S-205 HNP (B-208)	S-201 JAJ (B-208)	S-204 APP (B-208)	S-216 SE-21 TSP (A-104) S-216 SE-22	S-224 ARP (B-208)	
6	02:15	S-224 MDP(E) (B-208)	S-204 APP (B-208)	S-224 JRT (B-208)	MPP (A-104) S-207 SE-23 ARP (B-003)	S-202 DDP (B-208)	

4TH SEMESTER

SR. NO.	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	08:30					SE-404 SE-41	
2	09:30	SE-404 SE-41 DAP (B-003) SE-404 SE-42 RDM (B-003) SE-405 SE-43 HKP (B-010)	SE-403 SE-41 JRT (B-011) SE-405 SE-42 HKP (B-010) SE-405 SE-43 ABP (B-009)	SE-405 SE-41 HKP (B-010) SE-405 SE-42 ABP (B-009) SE-403 SE-43 JRT (B-011)	SE-405 SE-41 ABP (B-010) SE-404 SE-42 DAP (B-003) SE-404 SE-43 RDM (B-003)	SE-404 SE-41 MKP (B-003) SE-402 SE-42 MMP (B-009) SE-404 SE-43 DAP (B-003)	
RECESS							
3	10:45	SE-405 HKP A-208	SE-402 MMP A-208	SE-402 CRP A-208	SE-404 DAP A-208	SE-402 ABP A-208	
4	11:45	SE-403 MKP A-208	SE-403 JRT A-208	SE-405 ABP A-208	SE-402 MMP A-208	SE-404 RDM A-208	
RECESS							
5	01:15	SE-404 RDM A-208	SE-402 SE-41 MKP (B-009) SE-403 SE-42	SE-404 DAP A-208	SE-405 HKP A-208	SE-405 ABP A-208	
6	02:15	S-401 TKB A-208	JRT (B-011) SE-403 SE-43 ARP (B-007)	S-401 TKB A-208	SE-403 SE-41 MDP(E)(B-010) SE-403 SE-42	S-401 TKB A-208	
7	03:15				CRP (B-011) SE-402 SE-43 MMP (B-009)		

6TH SEMESTER

SR. NO.	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	08:30	SE-602 MKP A-208	SE-603 MKP A-208	SE-603 MKP A-208	SE-605 CRP A-208	SE-605 CRP A-208	SE-609 RDM A-208
2	09:30	SE-601 CRP A-208	SE-609 DAP A-208	SE-605 DAP A-208	SE-604 MMP A-208	SE-601 ABP A-208	SE-609 RDM A-208
RECESS							
3	10:45	SE-601 SE-61 ABP (B-	SE-609 SE-61 DAP (B-003)	SE-603 SE-61 MKP (B-009) SE-609 SE-62	SE-601 SE-61 CRP (B-010)	SE-609 DAP B-208	SE-605 SE-61 CRP (B-003) SE-602 SE-62

4	11:45	009) SE-601 SE-62 CRP (B-010) SE-609 SE-63 RDM (B-003)	SE-601 SE-62 ABP (B-009) SE-601 SE-63 CRP (B-010)	RDM (B-003) SE-602 SE-63 JRT (B-010)	SE-603 SE-62 MKP (B-011) SE-601 SE-63 ABP (B-009)	SE-604 MMP B-208	MKP (B-009) SE-603 SE-63 ABP (B-003)
RECESS							
5	01:15	SE-601 ABP (A-211)	SE-601 CRP A-208	SE-602 SE-61 MKP (B-012) SE-605 SE-62 CRP (B-009) SE-604 SE-63 HKP (B-011)	SE-603 ABP B-208	SE-604 SE-61 HKP (B-010)	SE-605 SE-61 CRP (B-003) SE-602 SE-62 MKP (B-009) SE-603 SE-63 ABP (B-003)
6	02:15	SE-602 JRT (A-211)	SE-604 HKP A-208		SE-602 MKP B-208	SE-604 SE-62 MMP (B-009) SE-605 SE-63 CRP (B-011)	

Department: - Electrical Engineering.

Class:- 1st Semester GTU

Term Duration :- 27/07/09 to 05/12/09

SR. NO.	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	8:05 to 9:00	310049 SE-11, JPF (WS-007) 310049 SE-12 PIYUSH (WS-007) 310029 SE-13 MDP(M) (WS-101)	310029 SE-11 HNP (WS-101) 310049 SE-12 IMK (WS-007) 310049 SE-13 M2(WS-007)	310049 SE-11 IMK(WS-007) 310029 SE-12 JMP (WS-101) 310049 SE-13 KSA (WS-007)	310030 SE-11 C2 (A-012)	310041 SE11 JRT (B-003) 310030 SE-12 APP (A-012) 310029 SE13 MDP(M)(WS-101)	
2	9:00 to 9:55				310029 SE-12 310029 SE-13 JMP(WS-101)		
RECESS							
3	10:15 to 11:15	310015 TKB (A-208)	310030 APP (A-208)	310034 Mrs. KRP (A-208)	310034 JAJ (A-208)	310034 JAJ (A-208)	
4	11:15 to 12:15	310029 MDP (A-208)	310015 TKB (A-208)	310002 KRP (A-208)	310031 MDP(E) (A-208)	310015 TKB (A-208)	
RECESS							

5	12:30 to 1:20	310029 SE-11, IMK(A-206) 310041 SE-12 HKP (B-003) 310030 SE-13 C2 (A-013)	310029 HST (A-208)	310031 MDP(E) (A-208)	310030 APP (A-208)	310030 APP (A-208)	
6	1:20 to 2:10		310031 JRT (A-208)	310015 TKB (A-208)	310034 Mrs. KRP (A-208)	310002 KRP (A-208)	

Department: - Electrical Engineering.

W.E.F.: -27/07/09

Class:- 3rd Semester

Term Duration :- 27/07/09 to 05/12/09

CLASS TIME TABLE

SR. NO.	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	8:05 to 9:00	CAED&D SE-31 MDP (WS-011)	G&T MMP (B-002)	BE SE-31 ABP (B-009) BE SE-32 HKP (B-010) CAED&D SE-33 MDP (WS-011)	B.E SE-31 HKP (B-010) G&T SE-32 MMP (B-009) E.M/C-1 SE-33 ARP (B-003)	G&T MMP (B-002)	
2	9:00 to 9:55	BE SE-32 MKP(B-003) G&T SE33 MMP (B-003)	BE HKP (B-002)			H.R.M. MKP (B-002)	
RECESS							
3	10:15 to 11:15	E.M/C-1 SE-31 MDP (B-003)	E.M/C-1 RDM (B-002)	BE HKP (B-002)	E.M/C-1 DAP (B-002)	E.M/C-1 SE-31 RDM (B-003) E.M/C-1 SE-32 MDP (B-003) CAED&D SE-33 MMP (WS-011)	
4	11:15 to 12:15	CAED&D SE-32 MMP (WS-011) BE SE-33 ABP (B-010)	H.R.M. MKP (B-002)	E.M/C-1 DAP (B-002)	G&T JRT (B-002)		
RECESS							
5	12:30 to 1:20	B.E ABP (A-208)	G&T SE-31 MMP (B-003) CAED&D SE-32 MDP (WS-011) E.M/C-1 SE-33 DAP (B-003)	CAED&D SE-31 ABP(WS-011) E.M/C-1 SE-32 DAP (B-003) BE SE-33 HKP (B-003)	BE ABP (B-208)	CAED&D MMP (B-209)	
6	1:20 to 2:10	H.R.M. MDP (A-208)			E.M/C-1 SE-33 DAP (B-003)	G&T MKP (B-208)	E.M/C-1 RDM (B-209)

Department: - Electrical Engineering.
Class:- 5th Semester

Term Duration :- 16/07/09 to 30/10/09

SR. NO.	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	8:05 to 9:00	SE-503 JRT (B-006)	SE-505 SE-51 ARP (B-003)	SE-506 MKP (B-006)	SE-504 DAP (B-006)	SE-504 SE-51 DAP (B-003)	SE-505 SE-51 ARP (B-003) SE-506 SE-52 ABP (B-009)
2	9:00 to 9:55	SE-501 DAP (B-006)	SE-505 SE-52 MKP (B-009) SE-505 SE-53 RDM (B-010)	SE-501 RDM (B-006)	S-502 ABP (B-006)	SE-505 SE-52 ARP(B-011) SE-506 SE-53 ABP (B-010)	SE-505 SE-53 JRT (B-003)
RECESS							
3	10:15 to 11:15	SE-501 SE-51 RDM (B-011) SE-505 SE-52 MKP (B-003)	SE-504 MMP (B-006)	SE-506 SE-51 MKP (B-010) SE-501 SE-52 RDM (B-003)	SE-505 SE-51 RDM (B-003) SE-504 SE-52 MMP (B-009)	SE-506 ABP (B-006)	SE-501 RDM (B-006)
4	11:15 to 12:15	SE-505 SE-53 JRT (B-009)	SE-506 ABP (B-006)	SE-503 SE-53 JRT (B-009)	SE-505 SE-53 MKP (B-010)	SE-504 DAP (B-006)	SE-501 RDM (B-006)
RECESS							
5	12:30 to 1:20	SE-506 MKP (B-208)	SE-501 RDM (B-209)	SE-504 MMP (A-210)	SE-503 SE-51 ARP (B-003) SE-503 SE-52 JRT (B-003) SE-501 SE-53 RDM (B-010)	SE-505 SE-51 ABP (B-003) SE-505 SE-52 MKP (B-009)	SE-505 SE-51 ARP (B-003) SE-506 SE-52 ABP (B-009) SE-505 SE-53 JRT (B-003)
6	1:20 to 2:10	S-502 DAP (B-208)	S-502 HKP (B-209)	SE-503 ARP (A-210)		SE-504 SE-53 JRT (B-003)	

(C) COMPUTER

4th SEM T.E.B.

Class:- Diploma Computer engg

W.E.F :- 29/01/09 TO 16/05/09

<i>Time</i>	<i>Mon</i>	<i>Tues</i>	<i>Wed</i>	<i>Thur</i>	<i>Fri</i>	<i>Sat</i>
8:30 TO 10:30	CE-41-403- AKM 006 CE-42 405 - JMP 009 CE-43 406- SVB 007	402 - RRS A-210 403 - AKM A -210	CE-41-405- JMP 009 CE-42 406 - SVB 007 CE-43 403- AKM 006	406 - SVB A-211 402 -RRS A-211	CE-41-406- SVB 007 CE-42 403 - AKM 006 CE-43 405- JMP 009	CE-41-405- JMP 009 CE-42 406 - SVB 007 CE-43 403- AKM 006
R E C E S S						
10:45 TO 11:45	CE-42-402-VHB B-108 CE-43 405 - JMP 009	CE-41 -403- AKM 006 CE-42-405-JMP 009 CE-43-406-SVB 007	405 - JMP A-209 406 - BNP A-209	404 - MPP A-209	405 - JMP A-210	404 - MPP A-211
11:45 TO 12:45	CE-41 406 - SVB 007			403 - AKM A-211	406 - SVB A-211	401 - TSP A-211
R E C E S S						
1:15 TO 2:15	402 - VHB A-209	405 - BNP A-211	404 - TSP A-209		CE-43-402-RRS B-108	CE-41-402-VHB B-108 CE-42-403-AKM 006
2:15 to 3:15	401 - TSP A-209	406 - SVB A-210	401 - RAN A-209			

**2nd SEMESTER
(GTU)**

Class :- B- 207

Class Time Table

W.E.F :- 29/01/09 TO 23/05/09

<i>Time</i>	<i>Mon</i>	<i>Tues</i>	<i>Wed</i>	<i>Thur</i>	<i>Fri</i>	<i>Sat</i>
8:30 TO 10:30	CE-21-213- X B-103 CE-22-251 -Z B-101 CE-23 211- JRT B-007	CE-23-212- RAN A-104	212-BNP 224-MPP	CE-21-212- MPP A-008B CE-22-212- RAN A-104 CE-23 251- Z B-103	CE-21 211- JRT B-007 CE-22-207- MPP B-207 CE-23-212- RAN A-104	212 - BNP 201 - JAJ
R E C E S S						
10:45 TO 11:45	251 - Y	211 - HKP	CE-21 207- TSP B-207 CE-22-213- Y B-101 CE-23-251 - Z B-101	251-Z 201 - JAJ	CE-21-213- Z B-102 CE-22-211 - JRT B-003 CE-23 207- MPP B-207	CE-21-251 - Z B-101 CE-22 212- RAN A-104 CE-23-213- Y B-101
11:45 TO 12:45	201 - JAJ	202 - KRP				
R E C E S S						
1:15 TO 2:15	251 - Z	CE-21-251 - Y B-101 CE-22-213- Z B-103	211-Y 224-TSP	224-JMP 211 - JRT	CE-21-212- RAN A-008B CE-22-251 - Y B-103 CE-23-213-Z B-102	
2:15 to 3:15	202 - KRP					

1st SEM (GTU)

Class:- Diploma Computer engg

W.E.F :- 11-08-2008

<i>Time</i>	<i>Mon</i>	<i>Tues</i>	<i>Wed</i>	<i>Thur</i>	<i>Fri</i>	<i>Sat</i>
8:05 TO 9:00	CE-11 ED- HST WS- 101 CE-12 ED -IMK WS- 101 CE-13-OA-X1 A-008A	CE-11-OA-X1 A-104 CE-12-OA-TSP- A-104 CE-13-EM-1-X2 A-207	CE-11-OA-X3 A-104 CE-12-EM-1-X1 A-207 CE-13- ED - X1 WS- 101	CE-11-EM-1 A-207 CE-12- ED -IMK WS- 101 CE-13-OA-X3 A-104	CE-11 ED- HST WS- 101 CE-13 ED -X1 WS- 101 CE-12-OA-X2 A-104	
9:00 TO 9:55						
R E C E S S						
10:15 TO 11:15	Maths-I - JAJ	AS-1	Maths-I - JAJ	AS-1	C.S	

11:15 TO 12:15	C.S	C.S	C.S	Maths-I - JAJ	Maths-I - JAJ	
R E C E S S						
12:30 TO 1:20	EM & C	EM & C	EM & C	ED - HST		
1:20 TO 2:10	ED - HST	EOE & SE X3	EOE & SE X3	EOE & SE X2		

3rd SEM (GTU)

Class:- Diploma Computer engg

Class Time Table

W.E.F :- 27/7/09 TO 5/12/09

<i>Time</i>	<i>Mon</i>	<i>Tues</i>	<i>Wed</i>	<i>Thur</i>	<i>Fri</i>	<i>Sat</i>
8:05 TO 9:00	CE-31 DE-HKP B-003	CE-31-C++RAN A-008A	CE-31-DSM-SVB A-008B	CE-31-DBMS- JMP A-007	CE-31-C++RAN A-008A	HRM-PDP A-204
9:00 TO 9:55	CE-32 DE-ARP B-006 CE-33-DBMS-JMP A-007	CE-32-DBMS- JMP A-007 CE-33-DSM-SVB A-008B	CE-32-C++RAN A-008A CE-33-DBMS- JMP A-007	CE-32-C++RAN A-008A CE-33-DSM-SVB A-008B	CE-32-DBMS- JMP A-007 CE-33- DE-HKP B-003	HRM-PDP A-204
R E C E S S						
10:15 TO 11:15	DSM- SVB A-204	DBMS-JMP A-204	C++-RAN A-204	C++-RAN A-204	CE-31-DBMS- JMP A-007	C++-RAN A-204
11:15 TO 12:15	DE-HKP A-204	DE-ARP A-204	HRM-INB A-204	HRM-PDP A-204	CE-32-DSM-SVB A-008B CE-33-C++-RAN A-008A	C++-RAN A-204
R E C E S S						
12:30 TO 1:20	CE-31-DSM-INB A-104		DSM-INB A-212	DE-HKP B-209	DE-ARP B-208	
1:20 TO 2:10	CE-32-DSM-SVB A-104 CE-33-C++-RAN A-109		DBMS-JMP A-212	DBMS-JMP B-209	DSM- SVB B-208	

5th SEM (TEB)

Class:- Diploma Computer engg

Class :

Class Time Table

W.E.F :- 16/7/09 to 30/10/09

<i>Time</i>	<i>Mon</i>	<i>Tues</i>	<i>Wed</i>	<i>Thur</i>	<i>Fri</i>	<i>Sat</i>
8:05 TO 9:00	504-VHB A-205	508-MPP A-205	502-MRT A-205	CE-51-505-PDP A-006 CE-52-503 -TSP A-009	501-AKM A-205	CE-51-508-MPP A-006 CE-52-505-PDP A-007
9:00 TO 9:55	502-MRT A-205	501-AKM A-205	508-PDP A-205		504-SDC A-205	
R E C E S S						
10:15 TO 11:15	CE-51-505- PDP A-006 CE-52-504- VHB B-106	504-SDC A-205	CE-51-504- SDC B-106	501-AKM A-205	CE-51-502- MRT A-009 CE-52-508 -MPP A-006	CE-51-505- PDP A-006 CE-52-502- MRT A-009
11:15 TO 12:15		503-TSP A-205	CE-52-505 - PDP A-006	508-MPP A-205		
R E C E S S						
12:30 TO 1:20	CE-51-501-AKM A-109 CE-52-502 -MRT A-009	CE-51-503-TSP A-104 CE-52-505-PDP A-104	CE-51-502- MRT A-009 CE-52-501 -AKM A-104	504-VHB B-207	503-TSP A-207	
1:20 TO 2:10				503-TSP B-207	502-MRT A-207	

(D) E & C**II SEM (GTU)****Class:- Diploma Electrtoncs & Comm engg**

PERIOD NO	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	8:30TO10:30	Prog C-21 (MPP) A-008A Prog C-22 (RAN) A-008B FEE-23 (ARP) B-009	Prog C-21 (TSP)A-008A Prog C-23 (MPP) A-008B EP-22 (SDC) B-103	EDC-1 -22 (HJP)B-101 EP-21 (SDC) B-103 EM-2 -23 (KNP)B-209	EDC-1 -23 (SDC) B-101 FEE-21 (HKP)B-006 Prog C-22 (BNP)A-008A	EDC-1 -21 (HJP) B-101 EP-23 (SDC) B-103 FEE-22 (HKP)B-006	EDC-1-21 (SDC) B-101 EP-23 (KNP) B-103 EM-2 -22 (HJP)B-209
2							
RECESS							
3	10:45TO11:45	Prog C (RAN) B-209	FEE (ARP)B-203	NCES (SDC)B-209	FEE (JRT)B-209	EP-21 (HJP) B-103 EDC-1 -22 (SDC) B-101 Prog C-23 (AKM)A-008A	
4	11:45TO12:45	NCES (KNP)B-209	Prog C (RAN)B-203	Maths-2 (JAJ)B-209	EDC-1 (SDC)B-209		
RECESS							
5	1:15TO2:15	FEE (HKP)B-202	NCES (SDC)B-209 A.S.-2 (KRP)B-209	EDC-23 (SDC) B-101 EP-22 (KNP) B-103 EM-2-21 (HJP)B-209	Maths-2 (JAJ)B-209	A.S.-2 (KRP)B-209	EDC-21 (SDC) B-101 EP-23 (KNP) B-103 EM-2 -22 (HJP)B-209
6	2:15TO3:15	EDC-1 (HJP)B-202			EDC-1 (HJP)B-209	Maths-2 (JAJ)B-209	

3rd SEM (GTU)

(ELECTRONICS AND COMMUNICATION)

EC SEMESTER:3rd

ROOM NO: A-209

PERIOD NO	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	8:05TO9:00	B-205 ENL	B-204 DE	COM-1-A2 (SDC)(B-110)	ENL-A3 (SDC)(B-103)	EDC-2 -A1 (VHB)(B-101)	
	2	9:00TO9:55	B-205 HRM (VHB)	B-204 HRM (SSP)	(SSP)(B-101) ENL-A1 (HJP)(B-102)	(KNP)(B-101) DE-A1 (VHB)(B-105)	(SSP)(B-102) DE-A3 (RDP)(B-105)
RECESS							
3	10:15TO11:15	B-204 COM-1 (HJP)	B-204 EDC-2 (HJP)	B-205 COM-1 (HJP)	B-205 ENL (SDC)	B-207 EDC-2 (KNP)	
		4	11:15TO12:15	B-204 HRM (SSP)	B-204 DE (VHB)	B-205 EDC-2 (KNP)	B-205 DE (RDP)
RECESS							
5	12:30TO1:20	DE-A2 (KNP)(B-105)	EW-A1 (SSP)(B-109)	EW-A1 (SSP)(B-101)	A-203 COM-1 (SDC)	B-205 DE (VHB)	
		6	EW-A3 (SSP)(B-104)	EW A2 (KNP)(B-101)	EW-A2 (KNP)(B-109)	A-203	B-205

	1:20TO2:10	COM 1-A1 (HJP)(B-110)	EW A3 (HJP)(B-110)	COM-1 A3 (HJP)(B-110)	EDC-2 (HJP)	ENL (SSP)	
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4TH SEMESTER (TEB)

(ELECTRONICS AND COMMUNICATION)

EC SEMESTER:4th

W.E.F. 23/03/09
TERM:082

CLASS ROOM:

PERIOD NO	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	8:30TO9:30	IE-41 (RDP) B-107 AWP-42 (RRS) B-104	IE-41 (RDP) B-107 COM 2-42 (MDP) B-111	TV-41 (RRS) B-102 IE-42 (RDP) B-107	TV-41 (VHB) B-102 IE-42 (RDP) B-107	MALP-41 (VHB) B-108 TV-42 (RRS) B-102	AWP-41 (RRS) B-104 MALP-42 (RDP) B-108
2	9:30TO10:30	TV-43 (VHB) B-102	TV-43 (VHB) B-102	MP -43 (VHB) B-108	COM 2 -43 (MDP) B-111	AWP-43 (MDP) B-104	IE-43 (VHB) B-107
RECESS							
3	10:45TO11:45	COM 2 (MDP) A-209	TV (RRS) A-210	COM 2 (MDP) A-207	ENDP (TKB) A-210	ENDP (TKB)A -210	AWP-41 (RRS) B-104 MALP-42 (RDP) B-108
4	11:45TO12:45	MP (RDP) A-209	IE (RDP) A-210	TV (VHB) A-207	TV (VHB) A-210	COM 2 (RDP) A-210	IE-43 (SDC) B-107
RECESS							
5	1:15TO2:15	MALP (RRS) A-210	COM 2-41 (RDP) B-111 TV-42 (RRS) B-102	AWP (MDP) A-211	IE (VHB) A-207	ENDP (TKB) A-211	AWP (MDP) A-209
6	2:15TO3.15	IE (RDP)A-210	IE-43 (MDP) B-107	TV (RRS) A-211	AWP (RRS) A-207	MALP (RDP) A-211	AWP (RRS) A-209

Automobile Department

3rd Sem Div A

Date:- 27/7/2009 to 5/12/2009

Period No.	Period Duration	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	8:05 to 9:00	310015	310030 SA11-APP(A012) SA12-CP SA13-TP(A013)	310015	310034 Mrs. KRP	310041 SA11-KRP 310018 SA12-PDP A-104 310041 SA13-DDP	
2	9:00 to 9:55	310034 Mrs. KRP		310034 JAJ	310002 KRP		
RECESS (9:55 to 10:15)							
3	10:15 to 11:15	310029 IMK	310018 SA11-AKM(A-104) SA12-MNP(A-104) SA13-INB(A-109)	310029 IMK	310015 TKB	310031 DDP	310029 SA11-PMP A-206 A SA12-CAP A-206 B SA13-TRP- A110
4	11:15 to 12:15	310030 GJP		310015 TKB	310031 DDP	310030 GJP	
RECESS (12:15 to 12:30)							
5	12:30 to 01:20		310031 DDP	310002 KRP	310029 SA11-PMP W/S 101 A SA12-CAP W/S 101 B SA13-DRS-A110	310018 SA11-MND 310041 SA12-DDP 310018 SA13-INB	310029 SA11-PMP A-206 A SA12-CAP A-206 B SA13-TRP- A110
6	01:20 to 02:10		310030 GJP	310034 JAJ			

Date :- 27/7/2009 to 5/12/2009

Period No.	Period Duration	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	8:05 to 9:00	310030 SA14-GJP(A013) 310041 SA15-DDP	310034 JAJ	310015	310015 TKB	310018 SA14-AKM A-109 310030 SA15-HNP A 012	
2	9:00 to 9:55	310030 SA16-TP(A012)	310002 KRP	310031 PNP	310034 JAJ	310018 SA16-INB A-109	
RECESS (9:55 to 10:15)							
3	10:15 to 11:15	310041 SA14-DDP 310018 SA15 TSP(A-104)	310015 TKB	310015	310029 JMP	310002 KRP	
4	11:15 to 12:15	310018 SA16-AKM(A-104)	310030 APP	310034 Mrs. KRP	310030 APP	310031 PNP	
RECESS (12:15 to 12:30)							
5	12:30 to 01:20	310034 Mrs. KRP	310029 SA14-RDG W/S 101 A SA15-TRP W/S 101 B	310030 APP	310018 SA14-JMP A-104 310018 SA15-MRT A-104	310029 SA14-RDG-A206 A SA15-TRP-A206 B SA16-IMK-A110	
6	01:20 to 02:10	310029 JMP	SA16-JMP-A110	310031 PNP	310041 SA16-DDP		

7th Sem
(T.E.B)

Date :- 16/7/2009 to 30/10/09

Period No.	Period Duration	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	8:05 to 9:00	SA-701 PBD	SA-703 PBD	SA-704 RHP	SA-702 PIP	SA-701 SRK	SA-703 PBD
2	9:00 to 9:55	SA-702 PIP	SA-706 RHP	SA-706 SRJ	SA-706 RHP	SA-705 JSP	SA-703 PBD
RECESS (9:55 to 10:15)							
3	10:15 to 11:15	SA-705 SRK	SA-701 SRK	SA-701 JSP	SA-703 PIP	SA-706 A71 RHP SA-703 A72 PIP SA-706 A73 SRJ	
4	11:15 to 12:15	SA-704 RHP	SA-705 JSP	SA-702 PIP	SA-704 PBD		
RECESS (12:15 to 12:30)							
5	12:30 to 01:20	SA-701 A71 SRK SA-702 A72 PIP SA-703 A73PBD	SA-704 A71 PBD SA-706 A72 RHP SA-705 A73 JSP	SA-702 A71 PIP SA-701 A72 SRK SA-704 A73 RHP	SA-705 A71 JSP SA-705 A72 SRK SA-702 A73 PIP	SA-703 A71 PIP SA-704 A72 RHP SA-701 A73 JSP	

(5) Teaching Load of each faculty

(E) Mechanical

• Department: Mechanical Load Calculation faculty wise

Sr No.	Name of Faculty	Designation	Lecture	Practical	Total
Term: 091					
1	PROF.L.C. PANDYA	L M E	2		2
2	MR. K.S.PATEL	L M E	6	6	12
3	MR. R.D.GOSWAMI	L M E	5	12	17
4	MR M.K.PATEL	L M E	6	12	18
5	MR K.S.AGNIHOTRI	L M E	4	14	18
6	MR J.M.PATEL	L M E	4	14	18
7	MR I.M.KHAMBHATI	L M E	5	12	17
8	MR.J.P.FUDANI	L M E	4	16	20
9	MR. D.R.SONI	L M E	4	16	20
10	Ms. H.S.THAKOR	L M E	4	16	20
11	MR. P.M.PATEL	L M E	3	16	19
12	MR.T.R.PATEL	L M E	4	16	20
13	MR. C.A.PATEL	L M E	4	16	20
14	MR. BIPIN PARMAR	L M E	3	16	19
Term: 082					
1	Prof.L.C.PANDYA	L M E	2		2
2	MR.K.S.PATEL	L M E	3	8	11
3	MR R.D.GOSWAMI	L M E	4	14	18
4	MR.P.G.PATEL	L M E	4	14	18
5	MR M.K.PATEL	L M E	4	14	18
6	MR.K.S.AGNIHOTRY	L M E	3	14	17
7	MR. M.D.PATEL	L M E	5	12	17
8	MR. J.M.PATEL	L M E	4	14	18
9	MR I.M.KHAMBHATI	L M E	4	14	18
10	MR. J.P.FUDANI	L M E	4	14	18
11	MR. H.N.PATEL	L M E	4	14	18
12	MR. D.R.SONY	L M E	3	14	17
13	MS.H.S.THAKOR	L M E	3	14	17

(B) Electrical

Sr No.	Name of Faculty	Designation	Lecture	Practical	Total
Term: 081					
1	D.A.PATEL	L E E	5	10	15
2	R.D. MODI	L E E	6	12	18
3	A.K.PATEL	L E E	4	14	18
4	C.R.Patel	L E E	4	14	18
5	A.B.Patel	L E E	4	14	18
6	M.M.Patel	L E E	6	12	18
7	M.K.Parikh	L E E	6	12	18

8	J.R.Thakar	L E E	4	14	18
9	H.K.Patel	L E E	6	12	18
Term: 082					
1	D.A.PATEL	L E E	5	8	13
2	R.D. MODI	L E E	5	14	19
3	C.R.Patel	L E E	5	14	19
4	A.B.Patel	L E E	5	14	19
5	M.M.Patel	L E E	6	12	18
6	M.K.Parikh	L E E	6	12	18
7	J.R.Thakar	L E E	6	14	20
8	H.K.Patel	L E E	5	14	19
9	A. R.Prajapati	L E E	6	14	20
10	M. D.Prajapati	L E E	6	16	22
Term: 091					
1	D.A.PATEL	L E E	6	6	12
2	R.D. MODI	L E E	5	12	17
3	A.B.Patel	L E E	5	12	17
4	M.M.Patel	L E E	5	12	17
5	M.K.Parikh	L E E	5	12	17
6	J.R.Thakar	L E E	5	12	17
7	H.K.Patel	L E E	5	12	17
8	A. R.Prajapati	L E E	5	12	17
9	M. D.Prajapati	L E E	5	12	17

(C) Automobile

Sr No.	Name of Faculty	Designation	Lecture	Practical	Total
Term-082					
1	Shri J. B. Padiya	LAE	4	14	18
2	Shri P. B. Darji	LAE	6	14	20
3	Shri R H Prajapati	LAE	5	14	19
4	Shri S. R. Kapadiya	LAE	5	16	21
5	Smt J. S. Patel	LAE	5	16	21
6	Shri. P. I. Patel	LAE	5	16	21
Term-091					
1	Shri P. B. Darji	LAE	10	4	14
2	Smt J. S. Patel	LAE	8	10	18
3	Shri S. R. Kapadiya	LAE	8	10	18
4	Shri R H Prajapati	LAE	8	10	18
5	Shri. P. I. Patel	LAE	8	10	18
6	Shri. S. R. Jansari	LAE	7	12	19
7	Shri. P. N. Patel	LAE	7	12	19

(D) Computer

Sr No.	Name of Faculty	Designation	Lecture	Practical	Total
4th Sem 082 TERM					
1	B N Patel	L Comp	2	0	2
2	S V Bhavsar	L Comp	3	12	15
3	Jalpa M Patel	L Comp	2	12	14
4	Tushar S Patel	L Comp	3	0	03
5	Nayak Ravi A.	L Comp	1	0	1
6	Ankit Mehta	L Comp	2	12	14
7	Patel Megha P.	L Comp	2	0	2
2nd Sem GTU					
1	B N Patel	L Comp	8	2	10
2	Tushar S Patel	L Comp	10	1	11
3	Jalpa M Patel	L Comp	1	0	1
4	Nayak Ravi A.	L Comp	16	0	16
5	Patel Megha P.	L Comp	12	1	13
1st Sem GTU					
1	S V Bhavsar	L Comp	0	4	4
2	Jalpa M Patel	L Comp	0	2	2
3	Nayak Ravi A.	L Comp	0	2	2
4	Ankit Mehta	L Comp	0	12	12
5	Tushar S Patel	L Comp	0	12	12
6	Patel Megha P.	L Comp	1	14	15
3rd Sem GTU					
1	S V Bhavsar	L Comp	2	6	8
2	Jalpa M Patel	L Comp	4	12	16
3	Nayak Ravi A.	L Comp	4	12	16
4	I. N. Bahelim	L Comp	3	6	9
5	M. N. Patel	L Comp	1	0	1
Term: 091					
1	S V Bhavsar	L Comp	2	0	2
2	Tushar S Patel	L Comp	3	2	5
3	Ankit Mehta	L Comp	3	2	5
4	Patel Megha P.	L Comp	2	2	4
5	P.D. Patel	L Comp	2	6	8
6	I. N. Bahelim	L Comp	1	0	1
7	M. N. Patel	L Comp	0	4	4

(E) E & C

Sr No.	Name of Faculty	Designation	Lecture	Practical	Total
2nd sem (Term 076)					
1	M D Patel	L EC	3	16	19
2	R D Prajapati	L EC	3	16	19
1st sem (Term 081)					
1	R S Raval	L EC	1	2	3
2	H B Vala	L EC	2	4	6

3rd sem (Term 082)					
1	M D Patel	L EC	4	8	12
2	R D Prajapati	L EC	4	14	18
3	R S Raval	L EC	5	10	15
4	H B Vala	L EC	2	10	12
4th sem (Term 082)					
1	M D Patel	L EC	4	8	12
2	R.D.Prajapati	L EC	5	14	19
3	R.S.Raval	L EC	5	12	17
4	H.B.Vala	L EC	3	12	15
5th Sem(Term 091)					
1	M.D.Patel	L EC	4	08	12
2	R.D.Prajapati	L EC	4	10	14
3	R.S.Raval	L EC	6	12	18
4	H.B.Vala	L EC	0	02	02
5	S.D.Chavada	L EC	3	08	11
6	H.J.Patel	L EC	2	04	06
7	K.N.Patel	L EC	1	04	05
1st Sem GTU					
1	H.B.Vala	L EC	1	4	05
2	K.N.Patel	L EC	1	0	01
3	S.S.Patel	L EC	1	2	03
2nd Sem GTU					
1	S.D.Chavada	L EC	3	18	21
2	H.J.Patel	L EC	3	18	21
3	K.N.Patel	L EC	3	20	23
3rd Sem GTU					
1	M.D.Patel	L EC	2	0	02
2	R.D.Prajapati	L EC	2	2	04
3	H.B.Vala	L EC	2	4	06
4	S.D.Chavada	L EC	3	4	07
5	H.J.Patel	L EC	4	8	12
6	K.N.Patel	L EC	2	8	10
7	S.S.Patel	L EC	3	8	11

(6) Internal continuous evaluation system and place

- Internal examination arranged according to GTU schedule once in term and result declared within one week
- Students given tutorials and assignment
- Students given term work for each laboratory and assessed after completion
- Tests are taken by the faculty on regular basis

(7) Students' assessment of faculty, system in place

- We are periodically takes a student review for each faculty.
- Faculty also fill up self appraisal form every year