

## Appendix 10

### Mandatory Disclosure

Mandatory Disclosure **Updated On Jan 2016**

10.1	AICTE File No.	1-807394691
	Date & Period of last Approval	North-West Region/I-2814109188/2016/EOA Dated April 05, 2016
10.2	Name of the Institution	Jai Parkash Mukand Lal Innovative Engineering & Technology Institute (JMIETI)
	Address of the Institution	Village Chnota Bans, Kadaur, Sub Division Kadaur, Distt.- Yamuna Nagar
	City & Pin Code	Yamuna Nagar – 135 133
	State / UT	Haryana
	Longitude & Latitude	77° 09' 35.17" E & 30° 32' 02.37" N
	Phone number with STD code	01732-283100, 650507
	FAX number with STD code	01732-283100,284501
	Office hours at the Institution	09:30 a.m. to 05:00 p.m.
	Email	hrdjmiyeti@gmail.com
	Website	<a href="http://www.jmiyeti.org">www.jmiyeti.org</a>
	Nearest Railway	Jaqadhri (YNR) (18 Kms.)

	Station(dist in Km)	
	Nearest Airport (dist in Km)	ChandigarhAirport (120 kms.)
10.3	Type of Institution	Private -Self Financed
	Category (1) of the Institution	Non Minority
	Category (2) of the	Co-educational
10.4	Name of the organization running the Institution	The Ved Parkash Mukand Lal Educational Society, Radaur
	Type of the organization	Society
	Address of the organization	Village Chhotabans, Radaur
	Registered with	The Registrar of Societies, Yamuna Nagar
	Registration date	02.03.1987
	Website of the organization	Nil
10.5	Name of the affiliating University	KurukshetraUniversity, Kurukshetra
	Address	Distt.- Kurukshetra, Haryana
	Website	www.kuk.ac.in
	Latest affiliation period	Provisional, 132300 Dated 11/8/2016
10.6	Name of Principal / Director	Dr. RS Chauhan
	Exact Designation	DIRECTOR

Phone number with STD code	01732-283100,82959-05203 (Mobile)
FAX number with STD code	01732-283100
Email	<a href="mailto:hrdimieti@gmail.com">hrdimieti@gmail.com</a>
Highest Degree	PhD
Field of specialization	Electronics Engineering

10.7	Governing Board Members	<p>1. Seth Ashok Kumar KCT Block, 2nd Floor, Rishyamook, 85-A, Panchkuian Road, New Delhi-110001</p> <p>2. Sh.Vijay Kumar Flat No. 212 2<sup>nd</sup> Floor Golf Apts., Sujan Singh Park New Delhi</p> <p>3. Dr. K.L. Johar Former Vice Chancellor Guru Jambheshwar University, Hisar,521-L, Model Town, Yamuna Nagar</p> <p>4. Dr. Ramesh Kumar # 1152, Sector 17, HUDA, Jagadhri District Yamuna Nagar</p> <p>5. Sh. Lalit Saluja M.D , Eroll Exports Pvt. Ltd. M-6 Industrial Area, Yamunanagar</p> <p>6. Sh. Pankaj Malik Vice President Saraswati Sugar Mills Yamuna Nagar.</p>	<p>Chairman</p> <p>Vice- Chairman</p> <p>Vice- Chairman</p> <p>General Secretary</p> <p>Member</p> <p>Member</p>
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7. Sh..Pawan Chadha  
Member Nominated By The Society
8. Sh. Ravi Jaidka  
Executive Director  
ISGEC  
Yamunanagar  
Member
9. Mrs.Valerie Hara  
Member Nominated By The Society
10. Sh.Gian Parkash Sharma  
Educationist Member
11. Dr. D. K. Modi  
Chairperson  
Dr. K. N. Modi University  
Newai,Rajasthan
12. Sh. Anil Budhiraja  
Principal, Seth Jai Parkash  
Polytechnic, Damla  
Member
13. Dr.Vikas Daryal  
Educationist Member
14. The Regional Officer, AICTE Chandigarh
15. The Director ,Technical Education  
Haryana,Panchkula
16. Ms.Upasana Sood, Member(Faculty Member)
17. Ms.Richa Gaur,Member(Faculty Member)
18. Dr. R.S Chauhan  
Director, JMIETI, Radaur  
Director/Member Secretary.

	Frequency of meetings & date of last meeting	<b>Thrice in a year, last meeting held on 23.01.2016</b>
10.8	Academic Advisory Body	<b>Vice-Chairman, General Secretary, Director, Admin Officer</b>
	Frequency of meetings & date of last meeting	<b>Quarterly 16.10.2013</b>
10.9	Organizational Chart	Annexure-1(attached)
10.10	Student feedback	Regular feedback is obtained from the students in a

mechanism on Institutional Governance/faculty	Performa designed for the purpose.
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10.11	Grievance redressed mechanism for	We have committees at different levels for redressal of grievances of faculty, staff and students
10.12	Departmental Details	<b>Annexure-2(attached)</b>

**10.1 Faculty Details** **Annexure-3(attached)**

**10.14 Admission Quota** **N.A**

Entrance test / admission criteria	AIEEE Test
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Cut off / last candidate Admitted	HOGC= 162647 ,Mgt=1129414
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Fees in rupees	<b>Annexure-4(Attached)</b>
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Number of FeeWaivers Offered	24
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Admission Calendar	As per DTE Haryana
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PII Quota N/A

**Infrastructural information**

Classroom/Tutorial Room facilities	<b>Class Rooms=21 ,Tutorial Rooms=06</b>
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**Laboratory details** **Annexure5(Attached)**

Computer Centre facilities	
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Library facilities





Area= 412.48Sqm

S.No.	Courses	Number of Titles	Number of Volumes	Journals	
				National/International	Online Journals
1.	Computer Science & Engineering	302	2211	07	DELNET MEMBERSHIP 5000+ E-Journals ASCE (Civil)
2.	Electronics & Comm. Engineering	278	2205	07	
3.	Mechanical Engineering	317	2507	12	
4.	Civil Engineering	227	2390	12	
5.	Applied Science	176	1072	07	
		<b>1300</b>	<b>10385</b>	<b>45</b>	

- Fully Computerized
- Video Cassettes and CD ROM
- Internet
- Book Bank

Auditorium / Seminar Halls / Amphi	<b>04 well furnished Seminar Halls with sitting capacity of 120 students each.</b>
CafEteria	Well Furnished Cafeteria with sitting capacity of 150 students.
Indoor Sports facilities	We have TT Tables Chess Boards, Carom Boards.
Outdoor Sports facilities	<b>We have ground for football, basket ball, volleyball, ball badminton, softball, baseball , cricket, athletics.</b>
Gymnasium facilities	<p><b>Provided in Boys Common Room:</b></p> <p><b>06 set dumbles with stand</b>  <b>01 jogger</b>  <b>02 exercise cycles</b>  <b>01 number 06 station Multigym weight lifting equipment with multibench</b></p> <p><b>Girls Common Room:</b></p> <p><b>1 Jogger</b>  <b>2 Exercisecycles</b></p>
Facilities for disabled	Yes
Anv other facilities	<b>NA</b>

<b>10.16 Boys Hostel</b>	<b>04</b>
Girls Hostel	<b>01</b>
Medical & other Facilities at Hostel	<ol style="list-style-type: none"> <li><b>1. Full time hostel warden is appointed to look after the students.</b></li> <li><b>2. At the time of admission, the students are examined by Medical officer of the Institute.</b></li> <li><b>3. First aid box with medicines is available in each hostel. Medical officer visits on all working days.</b></li> <li><b>4. 24 hours ambulance is provide to the students</b></li> </ol>



**in case of any sickness as and when required. Hospitals have been tied up at Radaur and Yamuna Nagar.**

5. Newspaper, magazines are also provided to the students in the hostel
6. Solar water heating system is available
7. Aqua guards are fixed with watercoolers.
8. TATA sky cable system is provided in each hostel.
9. Library up to 8:00 p.m. remains open to all the students.
10. *Internet/ Wi-Fi system is also available in campus.*
11. *Room cleaning and hostel cleaning work is done by the college sanitation staff.*
12. *Under the guidance of Sports officer, students are provided lush green sports grounds, indoor badminton, cricket, volleyball, basketball and football.*

*Hostel Allotment position of various hostels*

Hostel	Capacity	Allotted
A-Block	120	102
D-Block	130	99
Girls Hostel	75	34
<b>Total</b>	<b>325</b>	<b>235</b>

### 10.17 Academic Sessions

**As per Kurukshetra University direction**

Examination System, Year/Sem	Semester Based
Period of declaration of results	As per Kurukshetra University

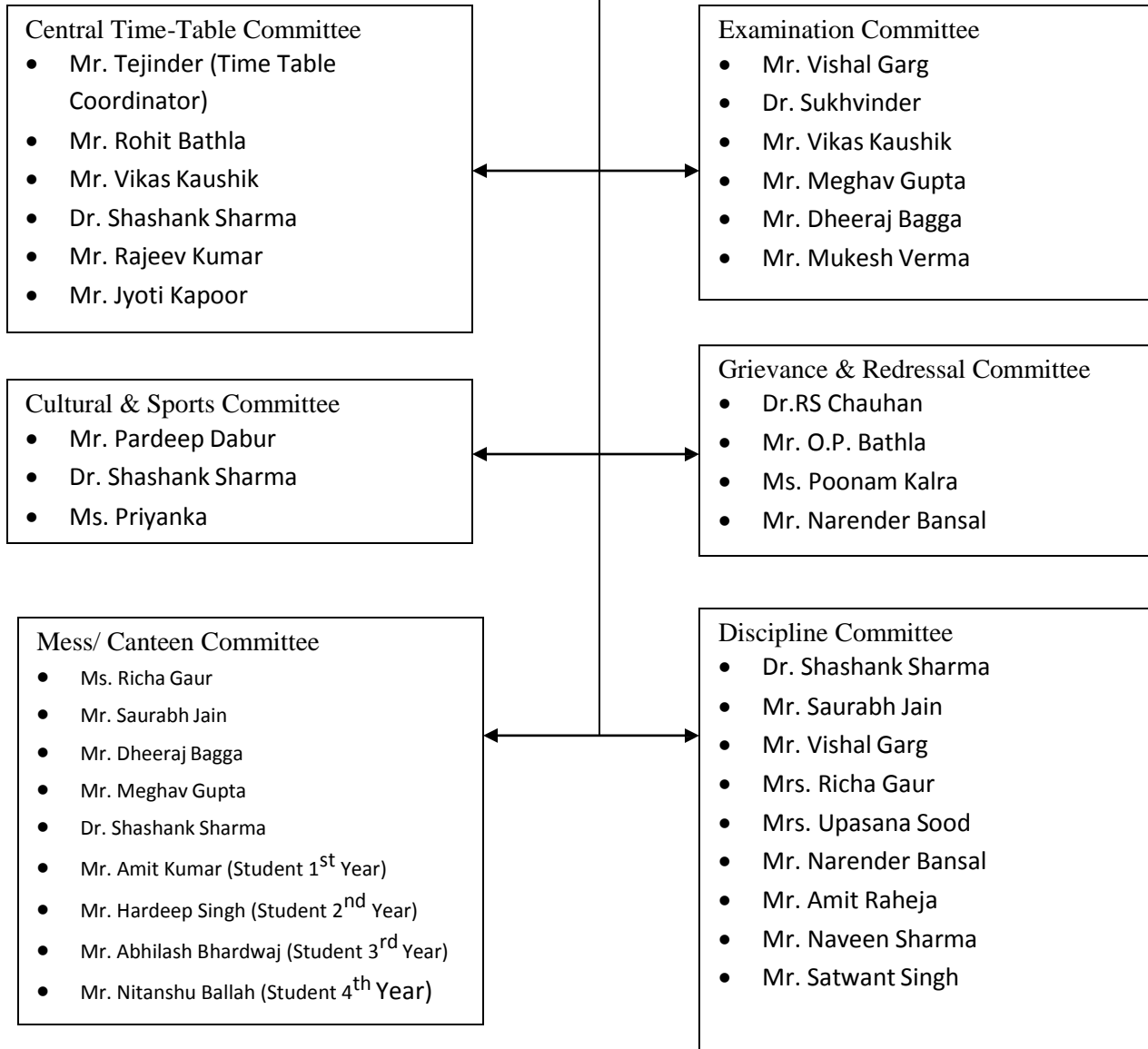
### 10.18 Counseling/Mentoring

Carrer Counseling	Guest Lectures are conducted time to time
Medical Facilities	<b>Dispensary in the campus and Swaraj Devi hospital in Radaur</b>
Student Insurance	Each student is insured for 2.5 Lakhs Rs. with Student Safety Policy Purchased by the Institute

<b>10.19</b>	<b>Student activity body</b>	
	Cultural activities	<b>The students of JMIETI have always actively participated in cultural activities. This year i.e 2013, the students participated in a number of events at intra college level.</b>
	Sports activities	<b>Nil</b>
	Literary activities	<b>NA</b>
	Magazine/newsletter	<b>Proposed to Publish once in a Year</b>
	Technical activities/TechFest	<b><i>The students of JMIETI have participated in Tech – Fest organized by each deptt actively. The Tech Fest of one days was organized this year by each deptt individually. The events were organized to develop technical to skills of students.</i></b>
	Industrial visit/Tours	<b>The students of JMIETI visited HMT Piniore</b>

<b>10.20</b>	<b>Name of the information</b>	<b>Sh. Om Parkash Bathla</b>
	Desianation	<b>Admin Officer</b>
	Phone no with STD code	<b>01732-284501</b>
	FAX no with STD code	
	Email	<b><a href="mailto:bathlaom1@gmail.com">bathlaom1@gmail.com</a></b>

## INTERNAL COMMITTEES



Anti-Ragging Squad Committee

- Dr. R.S. Chauhan
- Mr. O.P. Bathla
- Dr Prerna Garg
- Mrs. Upasana Sood
- Ms. Richa Gaur
- Mr. Amit Raheja
- Mr. Narender Bansal
- Mr. Amandeep Singh
- Mr. Saurabh Jain
- Mr. Prashant Tomer (Security Mgr.)
- Mr. Satwant Singh (Warden Boys Hostel)
- Mrs. Laxmi Kamboj (Warden Girls Hostel)

**Name of the Department** : **Computer Science & Engg.**

**Course** : **B.Tech**

**Level** : **UG**

**1<sup>st</sup> Year of approval by the Council** : **North-West Region/1-1-13842**  
**68016/2013/EOA Dated March 19,**  
**2013**

**Year wise Sanctioned Intake** : **B. Tech. 60**

**Cutoff marks- General Quota** : **921108**

**% Students passed with Distinction:**

**% Students passed with First Class:**

**Students Placed:**

**Average Pay Package, Rs. /Year:**

**Students opted for Higher Studies:**

**Accreditation Status of the Course:**

**Doctoral Courses:**

**Foreign Collaborations, if any**

**Professional Society Memberships**

**Professional Activities:**

**Guest Lectures organized in 2012** :

**Consultancy activities** :

**Grants fetched: Nil**

**Departmental Achievements** Department administered and monitored various projects in the institute e.g. wireless networking of campus, purchase of computing equipments, maintenance of college website and servers.

**Distinguished Alumni** :

<b>Name of the Department</b>	:	<b>Electronics &amp; Communication</b>
<b>Course</b>	:	<b>B.Tech</b>
<b>Level</b>	:	<b>UG</b>
<b>1<sup>st</sup> Year of approval by the Council</b>	:	<b>North-West Region/1-1-13842</b> <b>68016/2013/EOA Dated March 19,</b> <b>2013</b>
<b>Year wise Sanctioned Intake</b>	:	<b>60</b>
<b>Year wise Actual Admission</b>	:	<b>60</b>
<b>Cut off marks-General quota</b>	:	<b>1129414</b>
<b>% Students passed with Distinction</b>	:	
<b>% Students passed with First Class</b>	:	
<b>Students Placed</b>	:	
<b>Average Pay package, Rs. /Year</b>	:	
<b>Students opted for Higher Studies</b>	:	
<b>Accreditation Status of the course</b>	:	<b>Provisionally Accredited</b>
<b>Doctoral Courses</b>	:	<b>No</b>
<b>Foreign Collaborations, if any</b>	:	<b>No</b>
<b>Professional Society Memberships</b>	:	
<b>Professional activities</b>	:	
<b>Consultancy activities</b>	:	
<b>Grants fetched</b>	:	
<b>Departmental Achievements</b>	:	
<b>Distinguished Alumni</b>	:	

**Name of the Department** : **CIVIL ENGINEERING**  
**Course** : **B. Tech.**  
**Level** : **UG**  
**1st Year of approval by the Council** : **North-West Region/1-1- 1384268016**  
**/2013/EOADated March19, 2013**  
**Year wise Sanctioned Intake** : **B. Tech. 60**  
**Cutoff marks- General Quota:** **812374**  
**% Students passed with Distinction:**  
**% Students passed with First Class** :  
**Students Placed:**  
**Average Pay Package, Rs. /Year:**  
**Students opted for Higher Studies:**  
**Accreditation Status of the Course:**  
**Doctoral Courses:**  
**Foreign Collaborations, if any**  
**Professional Society Memberships**  
**Professional Activities:**  
**Guest Lectures organized in 2012** :  
**Consultancy activities:** Nil  
**Grants fetched:** Nil  
**Departmental Achievements** :  
**Distinguished Alumni** :

**Name of the Department** : **Mechanical Engineering**  
**Course** : **B.Tech**  
**Level** : **UG**  
**1<sup>st</sup> Year of approval by the Council** : **North-West Region/1-1-13842680**

**16/2013/EOA Dated March 19, 2013**

**Year wise Sanctioned Intake** : **60**  
**Year wise Actual Admission** : **60**  
**Cut off marks-General quota** : **977212**  
**% Students passed with Distinction** :  
**% Students passed with First Class** :  
**Students Placed** :  
**Average Paypackage, Rs. /Year** :  
**Students opted for Higher Studies** :  
**Accreditation Status of the course** :  
**Doctoral Courses** : **NO**  
**Foreign Collaborations, if any** : **NO**  
**Professional Society Memberships** : **NO**  
**Professional activities** : **Yes**  
**Consultancy activities** :  
**Grants fetched** :  
**Departmental Achievements** :  
**Distinguished Alumni** :





**Name of Teaching Staff** : **Om Parkash Bathla**

**Designation** : **Admin. Officer**

**Department** : **Electrical Engineering**

**Date of Joining the Institution** : **01/03/12**

**Qualifications with class/Grade** : **B.Tech, PGDPM**

**Total Experience in Years** : **Teaching Industry Research**

**Papers Published** : **National International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Dr. RS Chauhan**

**Designation** : **Director**

**Department** : **Electronics and Communication**

**Date of Joining the Institution** : **15/01/2015**

**Qualifications with class/Grade** : **B.Tech, M.Tech, Ph.D**

<b>Total Experience in Years</b>	<b>:</b>	<b>Teaching    Industry    Research</b>
<b>Papers Published</b>	<b>:</b>	<b>National    International</b>
<b>Papers Presented in Conferences</b>	<b>:</b>	<b>National    International</b>
<b>PhD    Guide?    Give    field    &amp;    University</b>	<b>:</b>	
<b>PhDs/Projects Guided</b>	<b>:</b>	
<b>Books Published/IPRs. /Patents</b>	<b>:</b>	
<b>Professional Memberships</b>	<b>:</b>	
<b>Consultancy Activities</b>	<b>:</b>	
<b>Awards</b>	<b>:</b>	
<b>Grants fetched</b>	<b>:</b>	
<b>Interaction with Professional</b>	<b>:</b>	

**Name of Teaching Staff** : **Mr Saurabh Jain**  
**Designation** : **Assistant Professor**  
**Department** : **Applied Science**  
**Date of Joining the Institution** : **01/06/2015**  
**Qualifications with class/Grade** : **B.Tech ,M.Tech**  
**Total Experience in Years** : **Teaching      Industry      Research**  
**9 Yrs**  
**Papers Published** : **National      International**  
**Papers Presented in Conferences** : **National      International**

**PhD Guide? Give field & University :**

**PhDs/Projects Guided** :  
**Books Published/ IPRs. /Patents** :  
**Professional Memberships** :  
**Consultancy Activities** :  
**Awards** :  
**Grants fetched** :  
**Interaction with Professional** :

**Name of Teaching Staff** : **Dr.Pruna Garg**  
**Designation** : **Associate Professor**  
**Department** : **Applied Science**  
**Date of Joining the Institution** : **21/08/2015**

<b>Qualifications with class/Grade</b>	<b>:</b>	<b>M.Sc,Ph.D</b>	
<b>Total Experience in Years</b>	<b>:</b>	<b>Teaching</b>	<b>Industry Research</b>
<b>Papers Published</b>	<b>:</b>	<b>National</b>	<b>International</b>
<b>Papers Presented in Conferences</b>	<b>:</b>	<b>National</b>	<b>International</b>
<b>PhD Guide? Give field &amp; University</b>	<b>:</b>		
<b>PhDs/Projects Guided</b>	<b>:</b>		
<b>Books Published/IPRs. /Patents</b>	<b>:</b>		
<b>Professional Memberships</b>	<b>:</b>		
<b>Consultancy Activities</b>	<b>:</b>		
<b>Awards</b>	<b>:</b>		
<b>Grants fetched</b>	<b>:</b>		
<b>Interaction with Professional</b>	<b>:</b>		

**Name of Teaching Staff** : **Dr.Shashank Sharma**

**Designation** : **Assistant Professor**

**Department** : **AppliedScience**

**Date of Joining theInstitution :** **14/07/2014**

**Qualifications withclass/Grade:** **Ph.D**

**Total Experience in Years** : **Teaching Industry Research**

**Papers Published** : **National International**

**Papers Presented in Conferences:** **National International**

**PhD Guide? Give field & University:**

**PhDs/Projects Guided** :

**Books Published/ IPRs. /Patents :**

**Professional Memberships** :

**Consultancy Activities** :

**Award** :

**Grants fetched** :

**Interaction with Professional** :



**Name of Teaching Staff** : **Ms.PunamKalra**  
**Designation** : **Assistant Professor**  
**Department** : **AppliedScience**  
**Date of Joining the Institution** : **08/01/2016**  
**Qualifications with class/Grade** : **M.Phil**  
**Total Experience in Years** : **Teaching Industry Research Papers**  
**Published** : **National International Papers**  
**Presented in Conferences** : **National International**  
**PhD Guide? Give field & University** :  
**PhDs/Projects Guided** :  
**Books Published/ IPRs. /Patents** :  
**Professional Memberships** :  
**Consultancy Activities** :  
**Awards** :  
**Grants fetched** :  
**Interaction with Professional** :

**Name of Teaching Staff** : **Dr Sukhwinder**  
**Designation** : **Assistant Professor**  
**Department** : **AppliedScience**  
**Date of Joining the Institution** : **01/08.2016**  
**Qualifications with class/Grade** : **M.Sc,M.Tech**  
**Total Experience in Year** : **Teaching Industry Research Papers**  
**Paper Published** : **National International**  
**Papers Presented in Conferences** : **National International**  
**PhD Guide? Give field & University** :  
**PhDs/Projects Guided** :  
**Books Published/ IPRs. /Patents** :

<b>Professional Memberships</b>	:	
<b>Consultancy Activities</b>	:	
<b>Awards</b>	:	
<b>Grants fetched</b>	:	
<b>Interaction with Professional</b>	:	
<b>Name of Teaching Staff</b>	:	<b>Ms. Deepti Kapoor</b>
<b>Designation</b>	:	<b>Assistant Professor</b>
<b>Department</b>	:	<b>Applied Science</b>
<b>Date of Joining the Institution</b>	:	<b>06/08/2015</b>
<b>Qualifications with class/Grade</b>	:	<b>B.Com, MBA</b>
<b>Total Experience in Years</b>	:	<b>Teaching      Industry Research</b>
<b>Papers Published</b>	:	<b>National      International</b>
<b>Papers Presented in Conferences</b>	:	<b>National      International</b>
<b>PhD Guide? Give field &amp; University</b>	:	
<b>PhDs/Projects Guided</b>	:	
<b>Books Published/ IPRs. /Patents</b>	:	
<b>Professional Memberships</b>	:	
<b>Consultancy Activities</b>	:	
<b>Awards</b>	:	
<b>Grants fetched</b>	:	
<b>Interaction with Professional</b>	:	





<b>Name of Teaching Staff</b>	<b>:</b>	<b>Mr Vipin Kumar</b>
<b>Designation</b>	<b>:</b>	<b>Assistant Professor</b>
<b>Department</b>	<b>:</b>	<b>Applied Science</b>
<b>Date of Joining the Institution</b>	<b>:</b>	<b>11/01/2017</b>
<b>Qualifications with class/Grade</b>	<b>:</b>	<b>B.Sc,M.Sc</b>
<b>Total Experience in Years</b>	<b>:</b>	<b>Teaching            Industry Research</b>
<b>Papers Published</b>	<b>:</b>	<b>National            International</b>
<b>Papers Presented in Conferences</b>	<b>:</b>	<b>National            International</b>
<b>PhD Guide? Give field &amp; University</b>	<b>:</b>	
<b>PhDs/Projects Guided</b>	<b>:</b>	

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :







<b>Name of Teaching Staff</b>	:	<b>Ms Richa Gaur</b>
<b>Designation</b>	:	<b>Assistant Professor</b>
<b>Department</b>	:	<b>Electronics&amp;Comm Engineer</b>
<b>Date of Joining the Institution</b>	:	<b>06/08/12</b>
<b>Qualifications with class/Grade</b>	:	<b>B.Tech, M.Tech</b>
<b>Total Experience in Years</b>	:	<b>Teaching      Industry</b>
<b>Research</b>		<b>6.6 Years</b>
<b>Papers Published</b>	:	<b>National      International</b>
		<b>9              4</b>
<b>Papers Presented in Conferences</b>	:	<b>National      International</b>
		<b>09              04</b>
<b>PhD Guide? Give field &amp; University</b>	:	
<b>PhDs/Projects Guided</b>	:	<b>6 Projects at B.Tech level</b>
<b>Books Published/IPRs. /Patents</b>	:	
<b>Professional Memberships</b>	:	
<b>Consultancy Activities</b>	:	
<b>Awards</b>	:	
<b>Grants fetched</b>	:	
<b>Interaction with Professional</b>	:	

**Name of Teaching Staff** : **Mr.Gautam Gupta**  
**Designation** : **Assistant Professor**  
**Department** : **Electronics&Comm Engineering**  
**Date of Joining the Institution** : **01/08/2016**  
**Qualifications with class/Grade** : **B.Tech, M.Tech**  
**Total Experiencein Years** : **Teaching Industry Research**  
  
**Papers Published** : **National International**  
  
**Papers Presentedin Conferences** : **National International**  
  
**PhD Guide? Give field & University : PhDs/Projects**  
**Guided** :  
**Books Published/IPRs. /Patents** :  
**Professional Memberships** :  
**Consultancy Activities** :  
**Awards** :  
**Grants fetched** :  
**Interaction with Professional** :

**Name of Teaching Staff** : **Ms.Kamaljeet Kaur**  
**Designation** : **Assistant Professor**  
**Department** : **Electronics&Comm Engineering**  
**Date of Joiningthe Institution** : **21/08/2015**  
**Qualifications with class/Grade** : **B.Tech, M.Tech**  
**Total Experiencein Years** : **Teaching Industry Research**  
  
**Papers Published** : **National International**



**Papers Presented in Conferences** : **National** **International**

**PhD Guide? Give field & University : PhDs/Projects**

**Guided** :

**Books Published/ IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Pardeep Kumar**

**Designation** : **Assistant Professor**

**Department** : **Electronics&Comm Engineering**

**Date of Joiningthe Institution** : **01/01/2017**

**Qualifications with class/Grade** : **B.Tech, M.Tech**

**Total Experiencein Years** : **Teaching Industry Research**

**Papers Published** : **National International**

**Papers Presentedin Conferences** : **National International**

**PhD Guide? Give field & University : PhDs/Projects**

**Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr Gurbir Singh**

**Designation** : **Assistant Professor**

**Department** : **Electronics&Comm Engineering**

**Date of Joining the Institution** : **06/02/2017**

**Qualifications with class/Grade** : **B.Tech, M.Tech**

**Total Experience in Years** : **Teaching    Industry Research**

**Papers Published** : **National    International**

**Papers Presented in Conferences** : **National    International**

**PhD Guide? Give field & University : PhDs/Projects**

**Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Ms. Upasana Sood**

**Designation** : **Assistant Professor**

**Department** : **Computer Science**

**Date of Joining the Institution** : **09/05/13**

**Qualifications with class/Grade** : **B.Tech ,M.tech**

**Total Experience in Years** : **Teaching Industry Research**  
**11 Years 2 months**

**Papers Published** : **National International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University:**

**PhDs/Projects Guided:**

**Books Published/ IPRs Patents:**

**Professional Memberships:**

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr. Vishal Garg**

**Designation** : **Assistant Professor**

**Department** : **Computer Science & Engineering**

**Date of Joining the Institution** : **21/08/2015**

**Qualifications with class/Grade** : **B.Tech, M.Tech, Ph.D Pursuing**

**Total Experience in Years** : **Teaching Industry Research**

**Papers Published** : **National International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/ IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr Tajinder Saini**

**Designation** : **Assistant Professor**

**Department** : **Computer Engineering**

**Date of Joining the Institution** : **21/08/2015**

**Qualifications with class/Grade** : **M.Sc ,M.Tech, PhD(Pursuing)**

**Total Experience in Years** :

**Papers Published** : **National International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University** :

**Books Published/ IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Rohit Bathla**

**Designation** : **Assistant Professor**

**Department** : **Computer Engineering**

**Date of Joining the Institution** : **27/07/16**

**Qualifications with class/Grade** : **B.Tech,M.tech**

**Total Experience in Years** : **Teaching    Industry    Research**  
**3.5 Years**

**Papers Published** : **National        International**

**Papers Presented in Conferences** : **National        International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Ms. Ruchi Gupta**

**Designation** : **Assistant Professor**

**Department** : **CSE**

**Date of Joining the Institution** : **13/06/2016**

**Qualifications with class/Grade** : **B.Tech,M.Tech**

**Total Experience in Years** : **Teaching      Industry Research**

**Papers Published** : **National      International**

**Papers Presented in Conferences** : **National      International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :



**Interaction with Professional** :

**Name of Teaching Staff** : **Ms. Priyanka Kamboj**

**Designation** : **Assistant Professor**

**Department** : **CSE**

**Date of Joining the Institution** : **01/08/2016**

**Qualifications with class/Grade** : **MSc.,M.Tech**

**Total Experience in Years** : **Teaching    Industry Research**

**Papers Published** : **National    International**

**Papers Presented in Conferences** : **National    International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/ IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr. MukeshKumar**

**Designation** : **Assistant Professor**

**Department** : **CSE**

**Date of Joining the Institution** : **13/06/2016**

**Qualifications with class/Grade** : **B.Tech,M.Tech**

**Total Experience in Years** : **Teaching      Industry Research**

**Papers Published** : **National      International**

**Papers Presented in Conferences** : **National      International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/ IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Amit Raheja**  
**Designation** : **Assistant Professor**  
**Department** : **Civil Engineering**  
**Date of Joining the Institution** : **27/08/15**  
**Qualifications with class/Grade** : **B.Tech,M.Tech**  
**Total Experience in Years** : **Teaching      Industry      Research**  
**Papers Published** : **National      International**  
**Papers Presented in Conferences** : **National      International**  
**PhD Guide? Give field & University** :  
**PhDs/Projects Guided** :  
**Books Published/IPRs. /Patents** :  
**Professional Memberships** :  
**Consultancy Activities** :  
**Awards** :  
**Grants fetched** :  
**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Ritin Goel**  
**Designation** : **Assistant Professor**

<b>Department</b>	<b>:</b>	<b>Civil Engineering</b>
<b>Date of Joining the Institution</b>	<b>:</b>	<b>01/01/2016</b>
<b>Qualifications with class/Grade</b>	<b>:</b>	<b>B.Tech,M.Tech</b>
<b>Total Experience in Years</b>	<b>:</b>	<b>Teaching      Industry Research</b> <b>1Yr, 9Month   6 Month</b>
<b>Papers Published</b>	<b>:</b>	<b>National      International</b>
<b>Papers Presented in Conferences</b>	<b>:</b>	<b>National      International</b>
<b>PhD Guide? Give field &amp; University</b>	<b>:</b>	
<b>PhDs/Projects Guided</b>	<b>:</b>	
<b>Books Published/ IPRs. /Patents</b>	<b>:</b>	
<b>Professional Memberships</b>	<b>:</b>	
<b>Consultancy Activities</b>	<b>:</b>	
<b>Awards</b>	<b>:</b>	
<b>Grants fetched</b>	<b>:</b>	
<b>Interaction with Professional</b>	<b>:</b>	

**Name of Teaching Staff** : **Mr. MeghavGupta**

**Designation** : **Assistant Professor**

**Department** : **Civil Engineering**

**Date of Joining the Institution** : **16/06/2016**

**Qualifications with class/Grade** : **B.Tech, M.Tech**

**Total Experience in Years** : **Teaching      Industry Research**

**Papers Published** : **National      International**

**Papers Presented in Conferences** : **National      International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Pradeep Mehla**

**Designation** : **Assistant Professor**

**Department** : **Civil Engineering**

**Date of Joining the Institution** : **01/01/2016**

**Qualifications with class/Grade** : **B.Tech,M.Tech**

**Total Experience in Years** : **Teaching      Industry Research**

**Papers Published** : **National      International**

**Papers Presented in Conferences** : **National      International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :  
**Consultancy Activities** :  
**Awards** :  
**Grants fetched** :  
**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Gaurav Dhiman**  
**Designation** : **Assistant Professor**  
**Department** : **Civil Engineering**  
**Date of Joining the Institution** : **30/01/2017**  
**Qualifications with class/Grade** : **B.Tech, M.Tech**  
**Total Experience in Years** : **Teaching      Industry Research**  
**Papers Published** : **National      International**  
**Papers Presented in Conferences** : **National      International**  
**PhD Guide? Give field & University** :  
**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :  
**Professional Memberships**  
**Consultancy Activities** :  
**Awards** :  
**Grants fetched** :  
**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Anirudh**  
**Designation** : **Assistant Professor**  
**Department** : **Civil Engineering**  
**Date of Joining the Institution** : **03/02/2017**  
**Qualifications with class/Grade** : **B.Tech, M.Tech**  
**Total Experience in Years** : **Teaching      Industry Research**  
**Papers Published** : **National International**  
**Papers Presented in Conferences** : **National      International**  
**PhD Guide? Give field & University** :  
**PhDs/Projects Guided** :



**Books Published/IPRs. /Patents** :  
**Professional Memberships**  
**Consultancy Activities** :  
**Awards** :  
**Grants fetched** :  
**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Sanjeev Kumar**  
**Designation** : **Assistant Professor**  
**Department** : **Civil Engineering**  
**Date of Joining the Institution** : **04/02/2017**  
**Qualifications with class/Grade** : **B.Tech, M.Tech**  
**Total Experience in Years** : **Teaching      Industry Research**  
**Papers Published** : **National      International**  
**Papers Presented in Conferences** : **National      International**  
**PhD Guide? Give field & University** :  
**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :  
**Professional Memberships**  
**Consultancy Activities** :  
**Awards** :  
**Grants fetched** :  
**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Narender Bansal**  
**Designation** : **Assistant Professor**  
**Department** : **Mechanical Engineering**  
**Date of Joining the Institution** : **16/12/15**  
**Qualifications withclass/Grade** : **B.Tech,M.Tech**  
**Total Experience in Years** : **Teaching Industry Research**  
**7 Years 6 months 3years**  
**Papers Published** : **National International**  
**Papers Presentedin Conferences** : **National International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :**Twotimesuniversitytopper**

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Naveen Sharma**

**Designation** : **Assistant Professor**

**Department** : **Mechanical Engineering**

**Date of Joining the Institution** : **27/07/16**

**Qualifications with class/Grade** : **B.Tech ,M.tech**

**Total Experience in Years** : **Teaching Industry Research**  
**6 Years 3 months**

**Papers Published** : **National 02 International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr. DheerajBagga**

**Designation** : **Assistant Professor**

**Department** : **Mechanical Engineering**

**Date of Joining the Institution** : **28/07/16**

**Qualifications with class/Grade** : **B.Tech ,M.Tech**

**Total Experience in Years** : **Teaching      Industry Research**  
**3 Years**

**Papers Published** : **National      International**

**Papers Presented in Conferences** : **National      International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** : **MastermindofSom-1,Som-2**

**Professional Memberships** : **IWS**

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr. RajivKumar**  
**Designation** : **Assistant Professor**  
**Department** : **Mechanical**  
**Date of Joining the Institution** : **27/07/16**  
**Qualifications with class/Grade** : **B.Tech ,M.tech**  
**Total Experience in Years** : **Teaching      Industry Research**  
**2 Years   10 months**  
**Papers Published** : **National International**  
**Papers Presented in Conferences** : **National   International**  
**PhD Guide? Give field & University** :  
**PhDs/Projects Guided** :  
**Books Published/IPRs. /Patents** :  
**Professional Memberships** : **ISTE**  
**Consultancy Activities** :  
**Awards** :  
**Grants fetched** :  
**Interaction with Professional** :

**Name of Teaching Staff** : **Mr. PardeepDabur**  
**Designation** : **Assistant Professor**  
**Department** : **MechanicalEngineering**

**Date of Joining the Institution** : **13/06/2016**

**Qualifications with class/Grade** : **B.Tech, M.Tech**

**Total Experience in Years** : **Teaching Industry**  
**Research**

**Papers Published** : **National International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/ IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Vinod Kumar**

**Designation** : **Assistant Professor**

**Department** : **Mechanical Engineering**

**Date of Joining the Institution** : **27/07/2016**

**Qualifications with class/Grade** : **B.Tech, M.Tech**

**Total Experience in Years** : **Teaching Industry**  
**Research**



**Papers Published** : **National International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University : PhDs/Projects**

**Guided** :

**Books Published/ IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr.Anup Kumar**

**Designation** : **Assistant Professor**

**Department** : **Mechanical Engineering**

**Date of Joining the Institution** : **10/08/2016**

**Qualifications with class/Grade** : **B.Tech, M.Tech**

**Total Experience in Years** : **Teaching Industry**  
**Research**

**Papers Published** : **National International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University : PhDs/Projects**

**Guided** :

**Books Published/ IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr. Umesh Bhatti**

**Designation** : **Assistant Professor**

**Department** : **Mechanical Engineering**  
**Date of Joining the Institution** : **03/01/2017**  
**Qualifications with class/Grade** : **B.Tech, M.Tech**  
**Total Experience in Years** : **Teaching Industry**  
**Research**

**Papers Published** : **National International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University : PhDs/Projects**

**Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

**Name of Teaching Staff** : **Mr. Ankit Gupta**

**Designation** : **Assistant Professor**

**Department** : **Mechanical**

**Date of Joining the Institution** : **03/02/17**

**Qualifications with class/Grade** : **B.Tech,M.Tech**

**Total Experience in Years** : **Teaching Industry Research**

**Papers Published** : **National International**

**Papers Presented in Conferences** : **National International**

**PhD Guide? Give field & University** :

**PhDs/Projects Guided** :

**Books Published/IPRs. /Patents** :

**Professional Memberships** :

**Consultancy Activities** :

**Awards** :

**Grants fetched** :

**Interaction with Professional** :

#### Annexure-4

<b><u>FEE CHART (2017-18)</u></b>	
<b>B.TECH</b>	
	<b>Ist Year</b>
Tuition Fee	44000.00
Development Fee	11000.00
College Security	2000.00
Amalgamated Fund	1520.00
Academic Calendar	100.00
University Exam Fee	3000.00
University Alumni Fee	100.00
University Dues	1280.00

Women Cell	10.00
Red Cross Fee	60.00
Additional Charges	2500.00
Prospectus Fees	500.00
University Development Fee	1000.00
Admission Data Management Fee	200.00
Total College Fee	67270.00

Annexure5(Attached)

Laboratory detail

## COMPUTER ENGINEERING DEPARTMENT

PHOTOS & DETAIL OF EQUIPMENTS EXISTING IN VARIOUS LABORATORIES

### LANGUAGE LAB



S.NO.	CONFIGURATION	QTY.	TOTAL AMOUNT
1.	NO OF PC	50	361600
2.	NO OF SERVER	02	20950
3.	PRINTER	02	10500
4.	UPS	02	47600
5.	SWITCH	01	13500
6.	PATCH PANEL	01	3925
7.	RACK	01	3975

9.	CONSUMABLE	02	9000
	GRAND TOTAL		<b>626050</b>

### COMPUTER CENTRE



S.NO.	CONFIGURATION	QTY.	TOTAL AMOUNT
1.	NO OF PC	30	309000
2	UPS	01	23800
3	PRINTER	01	5400
4	CONSUMABLE	01	3000
<b>SERVER ROOM</b>			
5.	NO OF SERVER	07	223400
6	STORAGE SERVER	01	32000
7	SWITCH	04	44750
8	PATCH PANEL	03	11775
9	WIRELESS ROUTER FOR BRIDGING	02	11400
10	UPS	01	23800



11	PRINTER	01	5100
12	RACK	01	33500
13	SOFTWARE (System +Application )	28 (4 + 24)	334328
14	CONSUMABLE	02	6000
	<b>GRAND TOTAL</b>	<b>1067253</b>	

### **PROGRAMMING LAB**



S.NO.	CONFIGURATION	QTY.	TOTAL AMOUNT
1	NO OF PC	30	360000
2	PRINTER	02	10800
3	UPS	02	47600
4	SWITCH	01	13500
5	PATCH PANEL	01	3925
6	RACK	01	3975
7	COMSUMABLE	02	6000
	<b>GRAND TOTAL</b>	<b>445800</b>	

# ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

PHOTOS & DETAIL OF EQUIPMENTS EXISTING IN VARIOUS LABORATORIES

## ELEMENTS OF ELECTRONICS ENGG.LAB



LIST OF EXPERIMENTS:	COST(IN Rs)PER ITEM	QTY	TOTAL(IN RS)
1.Generalized use of CRO and Multimeter	16235	5	81175
2.To Perform the V-I Char. Of p-n junction diode in forward and reverse bias	2850	2	5700
3.To perform clipping and clamping Ckts for a diode	1985	2	3970
4.To perform the half wave and full wave rectifier with and without filter and to	3225	2	6450

calculate its ripple factor and piv rating			
5.To perform zener diode as a voltage regulator	2850	2	5700
6.To study the I/P and O/P Char. Of npn transistor on CE configuration	4125	2	8250
7.To determine the $A_v$ , $A_i$ ,of RC coupled CE amplifier	1985	2	3970
8.Determine the effect of negative feedback and gain in CE ,RC coupled Amplifier			
9.To perform RC Coupled Oscillator	2175	2	4350
10.To perform VI Char, of JFET	4125	2	8250
11.Study of UJT Chrts.	4125	2	8250
12.To perform the Experiment using Op-Amp as Integrator and differentiator	2510	2	5020
13 Digital Lab Trainer	5800	5	29000
14 Bread Board Strips	123	10	1230
15 Function Generator	7225	5	36125
16 Solid State DC Power Supply	3450	5	17250
<b>Total</b>			<b>2,24,690 RS</b>
<b>Total (Including 5% Tax-2,35,924 Rs</b>			

## ELECTRICAL TECHNOLOGY LAB



<b>SR. NO.</b>	<b>DETAILS OF EQUIPMENT</b>	<b>QUANTITY</b>	<b>RATE</b>
1.	THREE PHASE AC TO DC POWER SUPPLY RECTIFIER TYPE WITH TRANSFORMER	1	72800/-
2.	VERIFICATION OF NETWORK THEOREMS	2	7920/-
3.	STUDY OF LCR SERIES AND PARALLEL CIRCUIT	2	5040/-
4.	SINGLE PHASE VARIAC	4	23700/-
5.	THREE PHASE RESISTIVE LOAD	1	13040/-
6.	FLUKE CLAMP METER	1	4950/-
7.	CONTACT TYPE DIGITAL TACHOMETER	3	4860/-
8.	SINGLE PHASE TRANSFORMER 1KVA	3	8690/-
9.	VERIFICATION OF SUPERPOSITION AND MAXIMUM POWER TRANSFER THEOREM KIT	2	4950/-
10.	VERIFICATION NORTON AND THEVENIN'S KIT	2	5700/-
11.	VERIFICATION OF KCL AND KVL	1	2662/-

	KIT		
12.	5KW RESISTIVE LOAD	1	9488/-
13.	DC SHUNT/COMPOUND MOTOR WITH STARTER	1	27900/-
14.	SINGLE PHASE MAGNETIC ENERGY METER	1	400/-
15.	THREE PHASE SQUIRREL CAGE INDUCTION MOTOR WITH LOAD ARRANGEMENT	1	17100/-
16.	AUDIO FREQUENCY OSCILLATOR	2	5200/-
17.	THREE PHASE VARIAC	1	29250/-
18.	AMMETERS	11	11430/-
19.	VOLTMETER	13	16210/-
20.	REHEOSTAT	4	17850/-
21.	WATTMETER	7	27360/-

# MECHANICAL ENGINEERING DEPARTMENT

## PHOTOS & DETAIL OF EQUIPMENTS EXISTING IN VARIOUS LABORATORIES

### WELDING SHOP



### NON CONSUMABLE

S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Steel Scale (1 meter)	220.00	1	220.00
2	Anvil (2.5 Kg)	2,450.00	1	2,450.00
3	Try Square (1' X 2')	130.00	2	260.00
4	Arc Welding set ( 350A, Air cooled, 220 - 440V)	18,000.00	1	18,000.00
5	Arc Welding set ( 350A, Oil cooled, 220 - 440V)	28,000.00	1	28,000.00
6	Spot Welding Machine (7.5 KVA)	28,000.00	1	28,000.00
7	Gas Welding Set	30,000.00	1	30,000.00
8	Sledge Hammer	200.00	2	400.00
9	Cutting Torch	1,950.00	1	1,950.00
10	Welding Torch	750.00	1	750.00

11	Welding Cabin	7,500.00	2	15,000.00
12	C-Clamp (100 mm)	120.00 Rs.	2	240.00 Rs.
13	Tong	60.00 Rs.	10	600.00 Rs.
14	Round Tong	80.00 Rs.	2	160.00 Rs.
15	Chipping Hammer	50.00 Rs.	2	100.00 Rs.
16	Electrode Holder	250.00 Rs.	2	500.00 Rs.
17	Safety Helmets	100.00 Rs.	3	300.00 Rs.
18	Goggles	150.00 Rs.	10	1,500.00 Rs.
19	Hammer	100.00 Rs.	6	600.00 Rs.
20	Spanner Set	1,200.00 Rs.	1 packet (8 pieces)	1,200.00 Rs.
21	Welding Cable	350.00 Rs.	30 m	10,500.00 Rs.
22	Hose Pipe	60.00 Rs.	20	1,200.00 Rs.
23	Black Pane Glass	162.00 Rs.	12	1,944.00 Rs.
24	Z Black Film (36')	936.00 Rs.	1	936.00 Rs.
25	Glass (Black)	20.00 Rs.	10	200.00 Rs.
				<b>1,45,010.00 Rs.</b>

### MACHINE SHOP



S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Steel Scale (1 meter)	220.00 Rs.	1	220.00 Rs.
2	Surface grinder	3250.00 Rs.	1	3,250.00 Rs.
3	Vernier caliper (6'')	290.00 Rs.	3	870.00 Rs.

4	Outside micrometer	350.00 Rs.	2	700.00 Rs.
5	Steel scale (12")	15.00 Rs.	10	150.00 Rs.
6	Marking block	421.33 Rs.	3	1,264.00 Rs.
7	Gear puller	500.00 Rs.	1	500.00 Rs.
8	Lathe Machine (6' length, 11' Bed, 9' center with accessories)	2,20,700.00 Rs.	1	2,20,700.00 Rs.
9	Shaper Machine	1,13,000.00 Rs.	1	1,13,000.00 Rs.
10	Lathe Machine (4.5')	88,500.00 Rs.	1	88,500.00 Rs.
11	Hydraulic Hacksaw Machine	40,500.00 Rs.	1	40,500.00 Rs.
12	Drill Machine	13,000.00 Rs.	1	13,000.00 Rs.
13	Electric Motor I.H.P – rpm – 1400, 3-Phase (for Shaper, Lathe, Drilling & Hacksaw Machines)	7500.00 Rs.	4	30,000.00 Rs.
14	Lathe Machine (5') Complete	1,70,000.00 Rs.	2	3,40,000.00 Rs.
15	Compass	45.00 Rs.	10	450.00 Rs.
16	Oil Gun	90.00 Rs.	2	180.00 Rs.
17	Boring Bar	190.00 Rs.	3	570.00 Rs.
18	Parting Tool Holder	240.00 Rs.	4	960.00 Rs.
19	Cutting Tool Holder	240.00 Rs.	8	1,920.00 Rs.
20	Drill Chuck	350.00 Rs.	1	350.00 Rs.
21	Arbor	130.00 Rs.	1	130.00 Rs.
22	Hammer Ball Peen	89.50 Rs.	2	179.00 Rs.
23	Hammer Cross Peen	89.50 Rs.	2	179.00 Rs.
24	Hammer Straight Peen	89.50 Rs.	2	179.00 Rs.
25	Dot Punch	39.00 Rs.	6	234.00 Rs.
26	Centre Punch	58.00 Rs.	3	174.00 Rs.
27	Latter Punch	435.00 Rs.	2	870.00 Rs.
28	Number Punch	160.00 Rs.	4	640.00 Rs.
29	Starter (10 H.P)	860.00 Rs.	5	4,300.00 Rs.
30	LT – 32 A, 415 V (55 K)	950.00 Rs.	10	9,500.00 Rs.
31	Parting Tool Bit Holder	150.00 Rs.	2	300.00 Rs.
32	Shaper M/c Tool Holder (1/2")	225.00 Rs.	2	450.00 Rs.
33	Shaper M/c Tool Holder (3/8)	160.00 Rs.	6	960.00 Rs.
				<b>8,75,179 Rs.</b>

### CARPENTRY SHOP





S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Hand Drill Machine	750.00	1	750.00
2	Iron Jack Plain (A-4)	600.00	4	2,400.00
3	Iron Jack Plain (A-5)	500.00	8	4,000.00
4	Spoke Shape Plain	275.00	2	550.00
5	Iron Jack Plain (A-10)	1200.00	2	2,400.00
6	Iron Jack Plain (A-78)	1500.00	2	3,000.00
7	Iron Jack Plain (A-52)	2400.00	1	2,400.00
8	Tennon Saw	45.00	2	90.00
9	Key Hole Saw	40.00	2	80.00
10	Ratchet Brace	360.00	2	720.00
11	Steel Scale (1meter)	220.00	1	220.00
12	Iron Jack Plain (07")	220.00	2	440.00
13	Side Axe (adge)	265.00	3	795.00
14	Steel Scale (12")	15.00	10	150.00
15	Try Square (8")	180.00	10	1,800.00
16	Measuring Tape	80.00 Rs.	3	240.00 Rs.
17	Rasp File	245.00 Rs.	10	2,450.00 Rs.
18	Half Round File	190.00 Rs.	10	1,900.00 Rs.
19	Compass Saw	25.00 Rs.	2	50.00 Rs.
20	Rip Saw	125.00 Rs.	10	1,250.00 Rs.
21	Firmer Chisel (1/2")	40.00 Rs.	10	400.00 Rs.
22	Firmer Chisel (3/4")	45.00 Rs.	2	90.00 Rs.
23	Firmer Chisel (1")	50.00 Rs.	2	100.00 Rs.
24	Mortise Chisel (1/2")	40.00 Rs.	10	400.00 Rs.

25	Mortise Chisel (3/4")	50.00 Rs.	2	100.00 Rs.
26	Mortise Chisel (1")	60.00 Rs.	2	120.00 Rs.
27	Grimlet	60.00 Rs.	3	180.00 Rs.
28	Piner	70.00 Rs.	2	140.00 Rs.
29	Folding Scale	30.00 Rs.	2	60.00 Rs.
30	Mallet	30.00 Rs.	6	180.00 Rs.
31	Screw Driver (8")	82.00 Rs.	2	164.00 Rs.
32	Screw Driver (12")	94.00 Rs.	2	188.00 Rs.
33	Compass	45.00 Rs.	5	225.00 Rs.
34	Plier	110.00 Rs.	1	110.00 Rs.
35	Marking Gauge	65.00 Rs.	1	65.00 Rs.
36	Carpentry Vice	930.00 Rs.	12	11,160.00 Rs.
37	Hammer Ball Pin	89.50 Rs.	2	179.00 Rs.
38	Hammer Cross Pin	89.50 Rs.	2	179.00 Rs.
39	Hammer Straight Pin	89.50 Rs.	2	179.00 Rs.
40	Hammer Claw	89.50 Rs.	6	537.00 Rs.
				<b>41,026.00 Rs.</b>

### FONDARY SHOP



S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Rectangular muffle furnace with digital display & with digital temperature indicator cum controller PID based work on 220 Volts single Phase Ac	36,000.00 Rs.	1	36,000.00 Rs.

	supply Size of Inner Chamber (8" X 8" X 8")			
2	Shovels	150.00 Rs.	2	300.00 Rs.
3	Draw Screw	400.00 Rs.	1 packet	400.00 Rs.
4	Hand Riddle	110.00 Rs.	4	440.00 Rs.
5	Trowel (Small)	20.00 Rs.	6	120.00 Rs.
6	Trowel (Medium)	30.00 Rs.	6	180.00 Rs.
7	Trowel (Large)	35.00 Rs.	6	210.00 Rs.
8	Stirrer	40.00 Rs.	1	40.00 Rs.
9	Asbestos Gloves	450.00 Rs.	4	1,800.00 Rs.
10	High Temperature Graphite Crucible (Size No. 3)	202.50 Rs.	4	810.00 Rs.
11	High Temperature Graphite Crucible (Size No. 4)	225.00 Rs.	2	450.00 Rs.
12	High Temperature Graphite Crucible (Size No. 6)	225.00 Rs.	4	900.00 Rs.
13	Infra Red Goggles	180.00 Rs.	4	720.00 Rs.
14	M.S.Tong (Ladle) - 18"	720.00 Rs.	2	1,440.00 Rs.
15	M.S.Tong (Ladle) - 24"	1,080.00 Rs.	2	2,160.00 Rs.
				<b>45,970.00 Rs.</b>

### **FITTING SHOP**



<b>S.No.</b>	<b>Items</b>	<b>Cost (per unit)</b>	<b>Quantity</b>	<b>Total Cost</b>
1	Angle Plate	2,880.00 Rs.	1	2,880.00 Rs.
2	Surface Plate	2,050.00 Rs.	1	2,050.00 Rs.
3	Bench Vice	1,150.00 Rs.	10	11,500.00 Rs.
4	V-Block with Clamp	990.00 Rs.	1	990.00 Rs.
5	Steel Scale (1 meter)	220.00 Rs.	1	220.00 Rs.
6	Combination Square set	1,950.00 Rs.	1	1,950.00 Rs.
7	Bench Vice	1,150.00 Rs.	2	2,300.00 Rs.
8	Vernier Height Gauge	2,800.00 Rs.	1	2,800.00 Rs.
9	Wire Gauge	148.00 Rs.	3	444.00 Rs.
10	Screw Pitch Gauge	195.00 Rs.	3	585.00 Rs.
11	Filler Gauge	65.00 Rs.	3	195.00 Rs.
12	Vernier Caliper (8")	850.00 Rs.	3	2,550.00 Rs.
13	Outside Micrometer	350.00 Rs.	2	700.00 Rs.
14	Steel Scale (12")	15.00 Rs.	10	150.00 Rs.
15	Try Square (6")	192.00 Rs.	10	1,920.00 Rs.
16	Measuring Tape	80.00 Rs.	3	240.00 Rs.
17	Flat File – Single Cut (10")	95.00 Rs.	10	950.00 Rs.
18	Flat File – Double Cut (10")	120.00 Rs.	10	1,200.00 Rs.
19	Flat File – Rough (10")	160.00 Rs.	6	960.00 Rs.
20	Flat File (6")	145.00 Rs.	6	870.00 Rs.
21	Triangular File (10")	95.00 Rs.	6	570.00 Rs.
22	Triangular File (6")	65.00 Rs.	6	390.00 Rs.
23	Smooth File (6")	85.00 Rs.	10	850.00 Rs.
24	Smooth File (10")	90.00 Rs.	10	900.00 Rs.
25	Knife Edge File (10")	98.35 Rs.	6	590.00 Rs.
26	Allen Key Set	120.00 Rs.	1	120.00 Rs.
27	C-Clamp (50 mm)	55.00 Rs.	5	275.00 Rs.
28	C-Clamp (100 mm)	120.00 Rs.	3	360.00 Rs.
29	Hacksaw Frame (12")	140.00 Rs.	10	1,400.00 Rs.
30	Screw Driver (8")	82.00 Rs.	1	82.00 Rs.
31	Screw Driver (12")	94.00 Rs.	1	94.00 Rs.
32	Screw Driver Kit	156.00 Rs.	1	156.00 Rs.
33	Compass	150.00 Rs.	5	750.00 Rs.
34	Tap Set	1,050.00 Rs.	1	1,050.00 Rs.
35	Chisel	98.33 Rs.	6	590.00 Rs.
36	Tin Cutter	240.00 Rs.	1	240.00 Rs.
37	Plier	110.00 Rs.	1	110.00 Rs.
38	Die Handle	130.00 Rs.	2	260.00 Rs.
39	Divider (8")	66.00 Rs.	4	264.00 Rs.
40	Drill Chuck	350.00 Rs.	1	350.00 Rs.
41	Arbor	130.00 Rs.	1	130.00 Rs.
42	Hammer Ball Pin	89.50 Rs.	2	179.00 Rs.
43	Hammer Cross Pin	89.50 Rs.	2	179.00 Rs.
44	Hammer Straight Pin	89.50 Rs.	2	179.00 Rs.
45	Dot Punch	78.00 Rs.	6	468.00 Rs.
46	Trip Handle	142.50 Rs.	2	285.00 Rs.
47	Die Handle	110.00 Rs.	6	660.00 Rs.
48	Sliding Wrench	280.00 Rs.	1	280.00 Rs.

49	Compass (Caliper Inside)	45.00 Rs.	6	270.00 Rs.
50	Compass (Caliper Outside)	45.00 Rs.	6	270.00 Rs.
51	Scriber	20.00 Rs.	6	120.00 Rs.
52	Tap Set (M12 X 1.75)	150.00 Rs.	2	300.00 Rs.
53	Triangular File	40.00 Rs.	20	800.00 Rs.
				<b>48,975.00 Rs.</b>

### EME Lab



S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Cockran Boiler	8,000.00 Rs.	1	8,000.00 Rs.
2	Vertical Tube Boiler	8,000.00 Rs.	1	8,000.00 Rs.
3	Lancashire Boiler	11,500.00 Rs.	1	11,500.00 Rs.
4	Francis Turbine	5,600.00 Rs.	1	5,600.00 Rs.
5	Locomotive Boiler	11,500.00 Rs.	1	11,500.00 Rs.
6	Kaplan Turbine	5,000.00 Rs.	1	5,000.00 Rs.
7	Babcock and Wilcox Boiler Model	11,500.00 Rs.	1	11,500.00 Rs.
8	Pelton Turbine Model	5,600.00 Rs.	1	5,600.00 Rs.
9	2 stroke Petrol Engine Model	2,650.00 Rs.	1	2,650.00 Rs.
10	2 stroke Diesel Engine Model	2,650.00 Rs.	1	2,650.00 Rs.
11	4 stroke Petrol Engine Model	2,650.00 Rs.	1	2,650.00 Rs.
12	4 stroke Diesel Engine Model	2,650.00 Rs.	1	2,650.00 Rs.
13	Worm & Worm wheel Single	5,500.00 Rs.	1	5,500.00 Rs.

	Start			
14	Worm & Worm wheel Double Start	6,700.00 Rs.	1	6,700.00 Rs.
15	Worm & Worm wheel Triple Start	7,700.00 Rs.	1	7,700.00 Rs.
16	Winch Crabs Single Purchase	8,600.00 Rs.	1	8,600.00 Rs.
17	Winch Crabs Double Purchase	10,100.00 Rs.	1	10,100.00 Rs.
18	Jib Crane	5,200.00 Rs.	1	5,200.00 Rs.
19	Single Screw Jack	5,400.00 Rs.	1	5,400.00 Rs.
20	Deflection of Beam Apparatus	13,700.00 Rs.	1	13,700.00 Rs.
21	Compound Jack	6,800.00 Rs.	1	6,800.00 Rs.
22	Rockwell cum Brinell Hardness Tester	4,800.00 Rs.	1	4,800.00 Rs.
				<b><u>1,51,800.00</u></b> <b>Rs.</b>

# APPLIED SCIENCES DEPARTMENT

## PHOTOS & DETAIL OF EQUIPMENTS EXISTING IN VARIOUS LABORATORIES

### Chemistry Lab



Sr. No.	Instrument Description	Quantity	Approx. Cost in (Rs)	Total cost in (Rs.)
1	Digital conductivity	02	3095/pc	6190.00
2	Combined electrode for pH meter	02	2950/pc	5900.00
3	Electric oven	01	3185/pc	3185.00
4	Redwood Viscometer No-1	01	4895/pc	4895.00
5	Redwood viscometer No-2	01	5895/pc	5895.00
6	Hot plate	01	785/pc	785.00
7	Pensky- Marten flash point apparatus	02	4950/pc	9900.00
8	Water bath double walled thermostatic	02	2435/pc	4870.00

	Controlled (6-holes)			
9	Electronic Balance with cover	02	5980/pc	11960.00
10	Water still casted in Al body	01	4725/pc	4725.00
			Total Amount	58305.00

### Physics Lab.



S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Diffraction Grating Setup	14700	02	29400
2	Newton's Ring Setup	9862	02	19724
		3800	01	3800
3	Spewfic Rotation Setup	6675	02	13350
		3350	01	3350
4	Sonometer Setup	3000	02	6000



	(with Power Supply)	800	01	800
5	Newton's Formula Experiment (Optical Bench)	6300 2000	02 01	12600 2000
6	Post Office Box Setup Complete P.O Box	8625 2000	02 01	17250 2000
7	Cary Foster Bridge Setup	5625 475	02 01	11250 475
8	High Resistance By Substitution Method Experiment	7125	02	14250
9	G To A Conversion Setup	10725	02	21450
10	De'Sauty Bridge	4837 3600	02 01	9674 3600
11	Resolving Power of Telescope	18712	02	37424
12	Ammeter(0-3 Amp)	130	02	260
13	Bar Magnet	50	02	100
14	Galvanometer	130	06	780
15	Rheostate	325	02	650
16	Resistance Box(1-5000)	1100	08	8800
17	Sodium Lamp Box Complete	2550	02	5100
18	Mercury Lamp Box Complete	1350	01	1350
19	Voltmeter	130	02	260
20	Spectrometer	3500	01	3500
21	Optical Bench	2000	01	2000
22	Slotted wts.(500x5) Kg	250	01	250
23	Potentiometer	400	01	400
24	Resistance Box	750	02	1500
<b>Total Amount</b>				<b>233347</b>

Annexure5(Attached)

Laboratory detail

## COMPUTER ENGINEERING DEPARTMENT

PHOTOS & DETAIL OF EQUIPMENTS EXISTING IN VARIOUS LABORATORIES

### LANGUAGE LAB



S.NO.	CONFIGURATION	QTY.	TOTAL AMOUNT
1.	NO OF PC	20	361600
2.	NO OF SERVER	01	20950
3.	PRINTER	02	10500
4.	UPS	02	47600
5.	SWITCH	01	13500
6.	PATCH PANEL	01	3925
7.	RACK	01	3975
8.	SOFTWARE	01	155000

9.	CONSUMABLE	02	9000
	GRAND TOTAL		<b>626050</b>

### COMPUTER CENTRE



S.NO.	CONFIGURATION	QTY.	TOTAL AMOUNT
1.	NO OF PC	30	309000
2	UPS	01	23800
3	PRINTER	01	5400
4	CONSUMABLE	01	3000
<b>SERVER ROOM</b>			
5.	NO OF SERVER	03	223400
6	STORAGE SERVER	01	32000
7	SWITCH	04	44750
8	PATCH PANEL	03	11775
9	WIRELESS ROUTER FOR BRIDGING	02	11400
10	UPS	01	23800

11	PRINTER	01	5100
12	RACK	01	33500
13	SOFTWARE (System +Application )	28 (4 + 24)	334328
14	CONSUMABLE	02	6000
	GRAND TOTAL	<b>1067253</b>	

### **PROGRAMMING LAB**



S.NO.	CONFIGURATION	QTY.	TOTAL AMOUNT
1	NO OF PC	30	360000
2	PRINTER	02	10800
3	UPS	02	47600
4	SWITCH	01	13500
5	PATCH PANEL	01	3925
6	RACK	01	3975
7	COMSUMABLE	02	6000
	GRAND TOTAL	<b>445800</b>	

# ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

PHOTOS & DETAIL OF EQUIPMENTS EXISTING IN VARIOUS LABORATORIES

## ELEMENTS OF ELECTRONICS ENGG.LAB



LIST OF EXPERIMENTS:	COST(IN Rs)PER ITEM	QTY	TOTAL(IN RS)
1.Generalized use of CRO and Multimeter	16235	5	81175
2.To Perform the V-I Char. Of p-n junction diode in forward and reverse bias	2850	2	5700
3.To perform clipping and clamping Ckts for a diode	1985	2	3970
4.To perform the half wave and full wave rectifier with and without filter and to	3225	2	6450

calculate its ripple factor and piv rating			
5.To perform zener diode as a voltage regulator	2850	2	5700
6.To study the I/P and O/P Char. Of npn transistor on CE configuration	4125	2	8250
7.To determine the $A_v$ , $A_i$ ,of RC coupled CE amplifier	1985	2	3970
8.Determine the effect of negative feedback and gain in CE ,RC coupled Amplifier			
9.To perform RC Coupled Oscillator	2175	2	4350
10.To perform VI Char, of JFET	4125	2	8250
11.Study of UJT Chrts.	4125	2	8250
12.To perform the Experiment using Op-Amp as Integrator and differentiator	2510	2	5020
13 Digital Lab Trainer	5800	5	29000
14 Bread Board Strips	123	10	1230
15 Function Generator	7225	5	36125
16 Solid State DC Power Supply	3450	5	17250
<b>Total</b>			<b>2,24,690 RS</b>
<b>Total (Including 5% Tax-2,35,924 Rs</b>			

## ELECTRICAL TECHNOLOGY LAB



SR. NO.	DETAILS OF EQUIPMENT	QUANTITY	RATE
22.	THREE PHASE AC TO DC POWER SUPPLY RECTIFIER TYPE WITH TRANSFORMER	1	72800/-
23.	VERIFICATION OF NETWORK THEOREMS	2	7920/-
24.	STUDY OF LCR SERIES AND PARALLEL CIRCUIT	2	5040/-
25.	SINGLE PHASE VARIAC	4	23700/-
26.	THREE PHASE RESISTIVE LOAD	1	13040/-
27.	FLUKE CLAMP METER	1	4950/-
28.	CONTACT TYPE DIGITAL TACHOMETER	3	4860/-
29.	SINGLE PHASE TRANSFORMER 1KVA	3	8690/-
30.	VERIFICATION OF SUPERPOSITION AND MAXIMUM POWER TRANSFER THEOREM KIT	2	4950/-
31.	VERIFICATION NORTON AND THEVENIN'S KIT	2	5700/-
32.	VERIFICATION OF KCL AND KVL	1	2662/-

	KIT		
33.	5KW RESISTIVE LOAD	1	9488/-
34.	DC SHUNT/COMPOUND MOTOR WITH STARTER	1	27900/-
35.	SINGLE PHASE MAGNETIC ENERGY METER	1	400/-
36.	THREE PHASE SQUIRREL CAGE INDUCTION MOTOR WITH LOAD ARRANGEMENT	1	17100/-
37.	AUDIO FREQUENCY OSCILLATOR	2	5200/-
38.	THREE PHASE VARIAC	1	29250/-
39.	AMMETERS	11	11430/-
40.	VOLTMETER	13	16210/-
41.	REHEOSTAT	4	17850/-
42.	WATTMETER	7	27360/-



# MECHANICAL ENGINEERING DEPARTMENT

## PHOTOS & DETAIL OF EQUIPMENTS EXISTING IN VARIOUS LABORATORIES

### WELDING SHOP



### NON CONSUMABLE

S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Steel Scale (1 meter)	220.00	1	220.00
2	Anvil (2.5 Kg)	2,450.00	1	2,450.00
3	Try Square (1' X 2')	130.00	2	260.00
4	Arc Welding set ( 350A, Air cooled, 220 - 440V)	18,000.00	1	18,000.00
5	Arc Welding set ( 350A, Oil cooled, 220 - 440V)	28,000.00	1	28,000.00
6	Spot Welding Machine (7.5 KVA)	28,000.00	1	28,000.00
7	Gas Welding Set	30,000.00	1	30,000.00
8	Sledge Hammer	200.00	2	400.00
9	Cutting Torch	1,950.00	1	1,950.00
10	Welding Torch	750.00	1	750.00

11	Welding Cabin	7,500.00	2	15,000.00
12	C-Clamp (100 mm)	120.00 Rs.	2	240.00 Rs.
13	Tong	60.00 Rs.	10	600.00 Rs.
14	Round Tong	80.00 Rs.	2	160.00 Rs.
15	Chipping Hammer	50.00 Rs.	2	100.00 Rs.
16	Electrode Holder	250.00 Rs.	2	500.00 Rs.
17	Safety Helmets	100.00 Rs.	3	300.00 Rs.
18	Goggles	150.00 Rs.	10	1,500.00 Rs.
19	Hammer	100.00 Rs.	6	600.00 Rs.
20	Spanner Set	1,200.00 Rs.	1 packet (8 pieces)	1,200.00 Rs.
21	Welding Cable	350.00 Rs.	30 m	10,500.00 Rs.
22	Hose Pipe	60.00 Rs.	20	1,200.00 Rs.
23	Black Pane Glass	162.00 Rs.	12	1,944.00 Rs.
24	Z Black Film (36")	936.00 Rs.	1	936.00 Rs.
25	Glass (Black)	20.00 Rs.	10	200.00 Rs.
				<b>1,45,010.00 Rs.</b>

### MACHINE SHOP



S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Steel Scale (1 meter)	220.00 Rs.	1	220.00 Rs.
2	Surface grinder	3250.00 Rs.	1	3,250.00 Rs.
3	Vernier caliper (6")	290.00 Rs.	3	870.00 Rs.

4	Outside micrometer	350.00 Rs.	2	700.00 Rs.
5	Steel scale (12")	15.00 Rs.	10	150.00 Rs.
6	Marking block	421.33 Rs.	3	1,264.00 Rs.
7	Gear puller	500.00 Rs.	1	500.00 Rs.
8	Lathe Machine (6' length, 11' Bed, 9' center with accessories)	2,20,700.00 Rs.	1	2,20,700.00 Rs.
9	Shaper Machine	1,13,000.00 Rs.	1	1,13,000.00 Rs.
10	Lathe Machine (4.5')	88,500.00 Rs.	1	88,500.00 Rs.
11	Hydraulic Hacksaw Machine	40,500.00 Rs.	1	40,500.00 Rs.
12	Drill Machine	13,000.00 Rs.	1	13,000.00 Rs.
13	Electric Motor I.H.P – rpm – 1400, 3-Phase (for Shaper, Lathe, Drilling & Hacksaw Machines)	7500.00 Rs.	4	30,000.00 Rs.
14	Lathe Machine (5') Complete	1,70,000.00 Rs.	2	3,40,000.00 Rs.
15	Compass	45.00 Rs.	10	450.00 Rs.
16	Oil Gun	90.00 Rs.	2	180.00 Rs.
17	Boring Bar	190.00 Rs.	3	570.00 Rs.
18	Parting Tool Holder	240.00 Rs.	4	960.00 Rs.
19	Cutting Tool Holder	240.00 Rs.	8	1,920.00 Rs.
20	Drill Chuck	350.00 Rs.	1	350.00 Rs.
21	Arbor	130.00 Rs.	1	130.00 Rs.
22	Hammer Ball Peen	89.50 Rs.	2	179.00 Rs.
23	Hammer Cross Peen	89.50 Rs.	2	179.00 Rs.
24	Hammer Straight Peen	89.50 Rs.	2	179.00 Rs.
25	Dot Punch	39.00 Rs.	6	234.00 Rs.
26	Centre Punch	58.00 Rs.	3	174.00 Rs.
27	Latter Punch	435.00 Rs.	2	870.00 Rs.
28	Number Punch	160.00 Rs.	4	640.00 Rs.
29	Starter (10 H.P)	860.00 Rs.	5	4,300.00 Rs.
30	LT – 32 A, 415 V (55 K)	950.00 Rs.	10	9,500.00 Rs.
31	Parting Tool Bit Holder	150.00 Rs.	2	300.00 Rs.
32	Shaper M/c Tool Holder (1/2")	225.00 Rs.	2	450.00 Rs.
33	Shaper M/c Tool Holder (3/8)	160.00 Rs.	6	960.00 Rs.
				<b>8,75,179 Rs.</b>

### CARPENTRY SHOP



S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Hand Drill Machine	750.00	1	750.00
2	Iron Jack Plain (A-4)	600.00	4	2,400.00
3	Iron Jack Plain (A-5)	500.00	8	4,000.00
4	Spoke Shape Plain	275.00	2	550.00
5	Iron Jack Plain (A-10)	1200.00	2	2,400.00
6	Iron Jack Plain (A-78)	1500.00	2	3,000.00
7	Iron Jack Plain (A-52)	2400.00	1	2,400.00
8	Tennon Saw	45.00	2	90.00
9	Key Hole Saw	40.00	2	80.00
10	Ratchet Brace	360.00	2	720.00
11	Steel Scale (1meter)	220.00	1	220.00
12	Iron Jack Plain (07")	220.00	2	440.00
13	Side Axe (adge)	265.00	3	795.00
14	Steel Scale (12")	15.00	10	150.00
15	Try Square (8")	180.00	10	1,800.00
16	Measuring Tape	80.00 Rs.	3	240.00 Rs.
17	Rasp File	245.00 Rs.	10	2,450.00 Rs.
18	Half Round File	190.00 Rs.	10	1,900.00 Rs.
19	Compass Saw	25.00 Rs.	2	50.00 Rs.
20	Rip Saw	125.00 Rs.	10	1,250.00 Rs.
21	Firmer Chisel (1/2")	40.00 Rs.	10	400.00 Rs.
22	Firmer Chisel (3/4")	45.00 Rs.	2	90.00 Rs.
23	Firmer Chisel (1")	50.00 Rs.	2	100.00 Rs.
24	Mortise Chisel (1/2")	40.00 Rs.	10	400.00 Rs.

25	Mortise Chisel (3/4")	50.00 Rs.	2	100.00 Rs.
26	Mortise Chisel (1")	60.00 Rs.	2	120.00 Rs.
27	Grimlet	60.00 Rs.	3	180.00 Rs.
28	Piner	70.00 Rs.	2	140.00 Rs.
29	Folding Scale	30.00 Rs.	2	60.00 Rs.
30	Mallet	30.00 Rs.	6	180.00 Rs.
31	Screw Driver (8")	82.00 Rs.	2	164.00 Rs.
32	Screw Driver (12")	94.00 Rs.	2	188.00 Rs.
33	Compass	45.00 Rs.	5	225.00 Rs.
34	Plier	110.00 Rs.	1	110.00 Rs.
35	Marking Gauge	65.00 Rs.	1	65.00 Rs.
36	Carpentry Vice	930.00 Rs.	12	11,160.00 Rs.
37	Hammer Ball Pin	89.50 Rs.	2	179.00 Rs.
38	Hammer Cross Pin	89.50 Rs.	2	179.00 Rs.
39	Hammer Straight Pin	89.50 Rs.	2	179.00 Rs.
40	Hammer Claw	89.50 Rs.	6	537.00 Rs.
				<b>41,026.00 Rs.</b>

### FONDARY SHOP



S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Rectangular muffle furnace with digital display & with digital temperature indicator cum controller PID based work on 220 Volts single Phase Ac	36,000.00 Rs.	1	36,000.00 Rs.

	supply Size of Inner Chamber (8" X 8" X 8")			
2	Shovels	150.00 Rs.	2	300.00 Rs.
3	Draw Screw	400.00 Rs.	1 packet	400.00 Rs.
4	Hand Riddle	110.00 Rs.	4	440.00 Rs.
5	Trowel (Small)	20.00 Rs.	6	120.00 Rs.
6	Trowel (Medium)	30.00 Rs.	6	180.00 Rs.
7	Trowel (Large)	35.00 Rs.	6	210.00 Rs.
8	Stirrer	40.00 Rs.	1	40.00 Rs.
9	Asbestos Gloves	450.00 Rs.	4	1,800.00 Rs.
10	High Temperature Graphite Crucible (Size No. 3)	202.50 Rs.	4	810.00 Rs.
11	High Temperature Graphite Crucible (Size No. 4)	225.00 Rs.	2	450.00 Rs.
12	High Temperature Graphite Crucible (Size No. 6)	225.00 Rs.	4	900.00 Rs.
13	Infra Red Goggles	180.00 Rs.	4	720.00 Rs.
14	M.S.Tong (Ladle) - 18"	720.00 Rs.	2	1,440.00 Rs.
15	M.S.Tong (Ladle) - 24"	1,080.00 Rs.	2	2,160.00 Rs.
				<b>45,970.00 Rs.</b>

### **FITTING SHOP**



<b>S.No.</b>	<b>Items</b>	<b>Cost (per unit)</b>	<b>Quantity</b>	<b>Total Cost</b>
1	Angle Plate	2,880.00 Rs.	1	2,880.00 Rs.
2	Surface Plate	2,050.00 Rs.	1	2,050.00 Rs.
3	Bench Vice	1,150.00 Rs.	10	11,500.00 Rs.
4	V-Block with Clamp	990.00 Rs.	1	990.00 Rs.
5	Steel Scale (1 meter)	220.00 Rs.	1	220.00 Rs.
6	Combination Square set	1,950.00 Rs.	1	1,950.00 Rs.
7	Bench Vice	1,150.00 Rs.	2	2,300.00 Rs.
8	Vernier Height Gauge	2,800.00 Rs.	1	2,800.00 Rs.
9	Wire Gauge	148.00 Rs.	3	444.00 Rs.
10	Screw Pitch Gauge	195.00 Rs.	3	585.00 Rs.
11	Filler Gauge	65.00 Rs.	3	195.00 Rs.
12	Vernier Caliper (8")	850.00 Rs.	3	2,550.00 Rs.
13	Outside Micrometer	350.00 Rs.	2	700.00 Rs.
14	Steel Scale (12")	15.00 Rs.	10	150.00 Rs.
15	Try Square (6")	192.00 Rs.	10	1,920.00 Rs.
16	Measuring Tape	80.00 Rs.	3	240.00 Rs.
17	Flat File – Single Cut (10")	95.00 Rs.	10	950.00 Rs.
18	Flat File – Double Cut (10")	120.00 Rs.	10	1,200.00 Rs.
19	Flat File – Rough (10")	160.00 Rs.	6	960.00 Rs.
20	Flat File (6")	145.00 Rs.	6	870.00 Rs.
21	Triangular File (10")	95.00 Rs.	6	570.00 Rs.
22	Triangular File (6")	65.00 Rs.	6	390.00 Rs.
23	Smooth File (6")	85.00 Rs.	10	850.00 Rs.
24	Smooth File (10")	90.00 Rs.	10	900.00 Rs.
25	Knife Edge File (10")	98.35 Rs.	6	590.00 Rs.
26	Allen Key Set	120.00 Rs.	1	120.00 Rs.
27	C-Clamp (50 mm)	55.00 Rs.	5	275.00 Rs.
28	C-Clamp (100 mm)	120.00 Rs.	3	360.00 Rs.
29	Hacksaw Frame (12")	140.00 Rs.	10	1,400.00 Rs.
30	Screw Driver (8")	82.00 Rs.	1	82.00 Rs.
31	Screw Driver (12")	94.00 Rs.	1	94.00 Rs.
32	Screw Driver Kit	156.00 Rs.	1	156.00 Rs.
33	Compass	150.00 Rs.	5	750.00 Rs.
34	Tap Set	1,050.00 Rs.	1	1,050.00 Rs.
35	Chisel	98.33 Rs.	6	590.00 Rs.
36	Tin Cutter	240.00 Rs.	1	240.00 Rs.
37	Plier	110.00 Rs.	1	110.00 Rs.
38	Die Handle	130.00 Rs.	2	260.00 Rs.
39	Divider (8")	66.00 Rs.	4	264.00 Rs.
40	Drill Chuck	350.00 Rs.	1	350.00 Rs.
41	Arbor	130.00 Rs.	1	130.00 Rs.
42	Hammer Ball Pin	89.50 Rs.	2	179.00 Rs.
43	Hammer Cross Pin	89.50 Rs.	2	179.00 Rs.
44	Hammer Straight Pin	89.50 Rs.	2	179.00 Rs.
45	Dot Punch	78.00 Rs.	6	468.00 Rs.
46	Trip Handle	142.50 Rs.	2	285.00 Rs.
47	Die Handle	110.00 Rs.	6	660.00 Rs.
48	Sliding Wrench	280.00 Rs.	1	280.00 Rs.

49	Compass (Caliper Inside)	45.00 Rs.	6	270.00 Rs.
50	Compass (Caliper Outside)	45.00 Rs.	6	270.00 Rs.
51	Scriber	20.00 Rs.	6	120.00 Rs.
52	Tap Set (M12 X 1.75)	150.00 Rs.	2	300.00 Rs.
53	Triangular File	40.00 Rs.	20	800.00 Rs.
				<b>48,975.00 Rs.</b>

### EME Lab



S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Cockran Boiler	8,000.00 Rs.	1	8,000.00 Rs.
2	Vertical Tube Boiler	8,000.00 Rs.	1	8,000.00 Rs.
3	Lancashire Boiler	11,500.00 Rs.	1	11,500.00 Rs.
4	Francis Turbine	5,600.00 Rs.	1	5,600.00 Rs.
5	Locomotive Boiler	11,500.00 Rs.	1	11,500.00 Rs.
6	Kaplan Turbine	5,000.00 Rs.	1	5,000.00 Rs.
7	Babcock and Wilcox Boiler Model	11,500.00 Rs.	1	11,500.00 Rs.
8	Pelton Turbine Model	5,600.00 Rs.	1	5,600.00 Rs.
9	2 stroke Petrol Engine Model	2,650.00 Rs.	1	2,650.00 Rs.
10	2 stroke Diesel Engine Model	2,650.00 Rs.	1	2,650.00 Rs.
11	4 stroke Petrol Engine Model	2,650.00 Rs.	1	2,650.00 Rs.
12	4 stroke Diesel Engine Model	2,650.00 Rs.	1	2,650.00 Rs.
13	Worm & Worm wheel Single	5,500.00 Rs.	1	5,500.00 Rs.



	Start			
14	Worm & Worm wheel Double Start	6,700.00 Rs.	1	6,700.00 Rs.
15	Worm & Worm wheel Triple Start	7,700.00 Rs.	1	7,700.00 Rs.
16	Winch Crabs Single Purchase	8,600.00 Rs.	1	8,600.00 Rs.
17	Winch Crabs Double Purchase	10,100.00 Rs.	1	10,100.00 Rs.
18	Jib Crane	5,200.00 Rs.	1	5,200.00 Rs.
19	Single Screw Jack	5,400.00 Rs.	1	5,400.00 Rs.
20	Deflection of Beam Apparatus	13,700.00 Rs.	1	13,700.00 Rs.
21	Compound Jack	6,800.00 Rs.	1	6,800.00 Rs.
22	Rockwell cum Brinell Hardness Tester	4,800.00 Rs.	1	4,800.00 Rs.
				<b><u>1,51,800.00</u></b> <b>Rs.</b>

# APPLIED SCIENCES DEPARTMENT

## PHOTOS & DETAIL OF EQUIPMENTS EXISTING IN VARIOUS LABORATORIES

### Chemistry Lab



Sr. No.	Instrument Description	Quantity	Approx. Cost in (Rs)	Total cost in (Rs.)
1	Digital conductivity	02	3095/pc	6190.00
2	Combined electrode for pH meter	02	2950/pc	5900.00
3	Electric oven	01	3185/pc	3185.00
4	Redwood Viscometer No-1	01	4895/pc	4895.00
5	Redwood viscometer No-2	01	5895/pc	5895.00
6	Hot plate	01	785/pc	785.00
7	Pensky- Marten flash point apparatus	02	4950/pc	9900.00
8	Water bath double walled thermostatic	02	2435/pc	4870.00

	Controlled (6-holes)			
9	Electronic Balance with cover	02	5980/pc	11960.00
10	Water still casted in Al body	01	4725/pc	4725.00
			Total Amount	58305.00

### Physics Lab.



S.No.	Items	Cost (per unit)	Quantity	Total Cost
1	Diffraction Grating Setup	14700	02	29400
2	Newton's Ring Setup	9862	02	19724
		3800	01	3800
3	Spewfic Rotation Setup	6675	02	13350
		3350	01	3350
4	Sonometer Setup	3000	02	6000

	(with Power Supply)	800	01	800
5	Newton's Formula Experiment (Optical Bench)	6300 2000	02 01	12600 2000
6	Post Office Box Setup Complete P.O Box	8625 2000	02 01	17250 2000
7	Cary Foster Bridge Setup	5625 475	02 01	11250 475
8	High Resistance By Substitution Method Experiment	7125	02	14250
9	G To A Conversion Setup	10725	02	21450
10	De'Sauty Bridge	4837 3600	02 01	9674 3600
11	Resolving Power of Telescope	18712	02	37424
12	Ammeter(0-3 Amp)	130	02	260
13	Bar Magnet	50	02	100
14	Galvanometer	130	06	780
15	Rheostate	325	02	650
16	Resistance Box(1-5000)	1100	08	8800
17	Sodium Lamp Box Complete	2550	02	5100
18	Mercury Lamp Box Complete	1350	01	1350
19	Voltmeter	130	02	260
20	Spectrometer	3500	01	3500
21	Optical Bench	2000	01	2000
22	Slotted wts.(500x5) Kg	250	01	250
23	Potentiometer	400	01	400
24	Resistance Box	750	02	1500
<b>Total Amount</b>				<b>233347</b>