

MANDATORY DISCLOSURE

1. Name & Address of the Institution
JIMS ENGINEERING MANAGEMENT TECHNICAL CAMUS (JEMTEC)
48/4, Knowledge Park III, Greater Noida
Uttar Pradesh-201306
Telephone: 0120-3819700/01/04/05
Website Address: www.jimsgn.org
E-Mail: info@jimsgn.org

2. Name & Address of the Society/Trust & Chairman of the Society/Trust
Jagannath Gupta Memorial Educational Society
H-2/1, Model Town, Part-3, New Delhi-110009
Dr. Amit Gupta, Secretary

Registration No. of Society/Trust: S/16165 of 1985
Telephone No: 011-26292074
Website Address: www.jagannath.org
E-Mail: chairman@jagannath.org

3. Name & Address of the Director/Principal of the Institute:
Prof. Dr. R.K.Raghuwanshi
Jims Engineering Management Technical Campus (JEMTEC)
48/4, Knowledge Park III, Greater Noida
Uttar Pradesh-201306
Telephone: 0120-3819700/01/04/05
E-Mail: director.gn@jimsgn.org

4. Affiliated to GGSIPU since:

| | |
|----------------|------|
| B.Tech Program | 2013 |
| BA LLB | 2014 |
| B.Ed. | 2015 |
| BBA LLB | 2015 |
| BCA | 2015 |
| BBA | 2015 |

5. Details of Existing Programs

| Sr. | Existing Programs | Details of Intake & Students Admitted during last two Academic Years | | | |
|-----|--|--|----------|----------------------------|----------|
| | | Academic Session 2014-2015 | | Academic Session 2015-2016 | |
| | | Intake | Admitted | Intake | Admitted |
| 1. | B.Tech (Computer Science & Engineering) | 60 | 60 | 60 | 57 |
| 2. | B.Tech (Electronics & Communication Engineering) | 60 | 24 | 60 | 58 |
| 3. | B.Tech (Civil Engineering) | 60 | 53 | 60 | 59 |
| 4. | B.Tech (Mechanical Engineering) | 60 | 41 | 60 | 60 |
| 5. | B.Tech (Electrical Engineering) | 60 | 23 | 60 | 34 |
| 6. | BA LLB | 120 | 78 | 120 | 70 |
| 7. | BBA LLB | ----- | ----- | 120 | 69 |
| 8. | B.Ed. | ----- | ----- | 100 | 87 |
| 9. | BCA | ----- | ----- | 120 | 32 |
| 10. | BBA | ----- | ----- | 120 | 69 |

6. Status of Land

| A | Land | |
|-------|---|--|
| (i) | Area of Land | 21725.550 sq.mtrs. |
| (ii) | Ownership of land (Whether rented/leased/freehold) | Jagannath Gupta Memorial Education Society Leased |
| (iii) | Prescribed Land use (whether conforming / non-conforming to Master Plan) | Institutional |
| (iv) | Land use Certificate with Registration No., Date & Authority | Letter No: Prop./Inst./2006/1672 , Date : 10.02.2006 Greater Noida Industrial Development Authority |
| B | Building | |
| (i) | Total Built-up area (in Sq Meters) | 19680 |
| (iii) |) FAR Achieved (Built up area available per student as against prescribed by the University/Govt. Statutory | 100% |

| | | |
|----------|--|--|
| | Body | |
| (iv) | Total Built up area required as per norms for all programmes (Sqmtr./Student) | Law : 4.5 BCA/BBA : 4.25 Engineering : 10.8 B.Ed : 15 |
| (v) | Sanctioned Building Plan from DDA / MCD / Govt. body | Greater Noida Industrial Development Authority |
| C | Specifications of Accommodation | No. Size (in Sq Mtrs) |
| (i) | Number of class/tutorial rooms | 38 2565 |
| (ii) | Drawing Halls/Conference Room/Seminar Hall | 2 199.500 |
| (iii) | Laboratories (give details) | 40 27.00 |
| (iv) | Audio Visual Laboratories | 1 67.500 |
| (v) | Library | 02 536 |
| (vi) | Administrative Block | 02 250 |
| (vii) | Workshop | 05 800 |
| (viii) | Computer Centre | 07 537 |
| (ix) | Toilets | 30 800 |
| (x) | Common Rooms | 02 300 |
| (xi) | Sports facilities (Indoor & Outdoor) | Basket Ball, Cricket, valley ball , Badminton, Table Tennis |
| (xii) | Playground Sports events | 02 2000 |
| (xiii) | Students Canteen | 01 150 |
| (xiv) | Hostel | 01 1600 |
| (xv) | Any other facilities | |
| D | Safety Measures | |
| | Parameters | Yes No |
| | Structural Safety Certificate of building of the Institute/College issued by Registered Architect | Yes |
| | Whether Certificate indicating that the building is earthquake resistant has been obtained from local body (S. No. / Dated / Issuing Authority) | Yes |
| | Availability of fire fighting devices at the institute and Fire Safety Certificate by Delhi Fire Service or concerned department of the state (NCR) where the Institute is located | Yes |
| | Use of basement for other than approved purpose, if any in the Institute | Yes |
| | Whether the NOC from the concerned department of Govt. of NCT, Delhi required (Yes / No | Yes |

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7. Status of Director / Faculty/ /Employee

| | | | | | | |
|--|---|----|--------|----|---------|----|
| Is the Director, as per norms of the Statutory Body/UGC / University, is in position | Yes | | | | | |
| <ul style="list-style-type: none"> • Name • Educational Qualifications • Experience • Gross Salary | Prof. Dr. R.K.Raghuwanshi M.Tech ,Ph.D 26 | | | | | |
| Total | B.TECH | 59 | BA LLB | 11 | BBA LLB | 11 |
| | B.ED | 12 | BBA | 09 | BCA | 07 |
| No. Of Professors/ Associate Professors (Programme-wise) | B.TECH | 09 | BA LLB | 03 | BBA LLB | 01 |
| | B.ED | 02 | BBA | 02 | BCA | 01 |
| No. Of Assistant Professors (Programme-wise) | B.TECH | 50 | BA LLB | 08 | BBA LLB | 10 |
| | B.ED | 10 | BBA | 07 | BCA | 06 |
| No. Of Technical Staff (Programme-wise) | B.TECH | 09 | BA LLB | 0 | BBA LLB | 0 |
| | B.ED | 01 | BBA | 0 | BCA | 01 |
| No. Of Non Teaching / Administrative Staff | 17 | | | | | |

B.Tech

Director:

| Name | Qualifications | Designation | Experience |
|---------------------------|----------------|---------------------------|------------|
| Prof. Dr. R.K.Raghuwanshi | M.Tech ,Ph.D | Director & Professor / ME | 26 Years |

Dean:

| Name | Qualifications | Designation | Experience |
|------------------|-----------------------------|---------------|------------|
| Dr. Devendra Jha | Ph.D., M.Sc (Engg), B.Tech. | Dean & HOD ME | 36 Years |

Department: Civil Engineering

| Sl. No. | Name of the Faculty | Qualifications | Designation | Experience |
|---------|----------------------------|---|------------------------|------------|
| 1. | Dr. Shiv Kumar | Ph.D.,Iit(Roorkee) M.Tech., M.Sc. B.Sc Ugc(Net) | Associate Professor | 11 Years |
| 2. | Mr.Ajay Kaushik | B.Tech M.Tech | Assistant Professor | 4 Years |
| 3. | Mr. Lalit Kumar | B.Tech M.Tech | Assistant Professor | 4 Years |
| 4. | Mr. Akhilesh Singh | B.Tech M.Tech | Assistant Professor | 3 Year |
| 5. | Mr. Sabir Khan | M.Tech. (Structural Engg.) Aigarh Muslim University, B.Tech | Assistant Professor | 3 Year |
| 6. | Mr. Kamal Kumar Pandey | M.E (Computer Aided Design & Drafting) Gecu, Bhopal , B.Tech | Assistant Professor | 1 Year |
| 7. | Ms. Akansha Singh | B.Tech M.Tech | Assistant Professor | 4 Years |
| 8. | Mr. Vijay Singh Chauhan | M.Tec, Ce,Be | Associat Professor | 4 Years |

Department: Mechanical Engineering

| Sl. No. | Name Of The Faculty | Qualifications | Designation | Experience |
|---------|------------------------------|--------------------------------|------------------------------------|------------|
| 1. | Prof. Dr. R.K.Raghuwanshi | M.Tech ,Ph.D | Director & Professor / ME | 26 Years |
| 2. | Dr. Devendra Jha | Ph.D., M.Sc. (Engg), B.Tech | Professor | 36 Years |
| 3. | Mr. Ashutosh Singh | M.Tech, B.Tech | Assistant Professor | 6 Years |
| 4. | Mr. Mudit Sharma | M.Tech, B.Tech | Assistant Professor | 6 Years |
| 5. | Mr. Ambuj Kumar Gautam | M.Tech, B.Tech(Me) | Assistant Professor | 2 Years |
| 6. | Mr. Sambhrant Srivastava | M.Tech (BITS MESRA), B.Tech | Assistant Professor | 1 Years |

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|-----|---------------------------|--|---------------------|----------|
| 7. | Mr. Kapil Dev Sharma | M.Tech, B.Tech | Assistant Professor | 12 Years |
| 8. | Mr. Gurpreet Singh | M.Tech, B.Tech | Assistant Professor | 6 Years |
| 9. | Mr. Mrinal Abhinav | M.Tech, B.Tech | Assistant Professor | 6 Months |
| 10. | Mr. MANAS DEY | M.Tech, B.Tech | Assistant Professor | 5 Years |
| 11. | Mr. Chandra Shekhar Singh | M.Tech, B.Tech | Assistant Professor | 11 Years |
| 12. | Mr. Ram Jatan Yadav | M.Tech, B.Tech | Assistant Professor | 8 Years |
| 13. | Mr. Bhanu Pratap | M.Tech (Production Engineering), ME, B. Tech | Assistant Professor | 5 Months |
| 14. | Mr. Rakesh Kumar | ME, M.Tech | Assistant Professor | 7 Years |

Department: Computer Science Engineering

| Sl. No. | Name of the Faculty | Qualifications | Designation | Experience |
|---------|----------------------------|---|---------------------|--------------------|
| 1. | Dr. Sandeep Gupta | B.Tech, Ph.D.(C.S.E.) | Associate Professor | 12+ Years |
| 2. | Mr. Krishan Kumar Saraswat | M.Tech, B.Tech | Assistant Professor | 3 years |
| 3. | Mr. Neeraj Kumar | M.Tech., B.Tech | Assistant Professor | 2 Years |
| 4. | Ms. Madhulika Pandey | M.Tech., B.Tech | Assistant Professor | 1 Years |
| 5. | Ms. Vandita Singh | M.Tech., B.Tech | Assistant Professor | 3 Years |
| 6. | Ms. Apoorva Jain | M.Tech., B.Tech | Assistant Professor | 5 Years 9months |
| 7. | Mr. Shekhar Singh | M.Tech., B.Tech | Assistant Professor | 12 Years |
| 8. | Mr. Manoj Kumar | M.Tech, MS (Ireland), B.Tech., Ph.D. (Pursuing) | Assistant Professor | 3.5 Years |
| 9. | Ms. Kanika Phutela | B.Tech | Assistant Professor | 5 Years |

Department: Electrical Engineering

| Sl. No. | Name of the Faculty | Qualifications | Designation | Experience |
|---------|-------------------------|--------------------------------|------------------------|------------|
| 1. | Mr. S. Padmanabhan | M.E.,B.E., Ph.D. (Pursuing) | Professor | 30 Years |
| 2. | Mr. Ankur Kr.Gupta | B.Tech M.E Ph.D | Assistant Professor | 4 Years |
| 3. | Mr. Rinku Dhiman | M.Tech , B.Tech | Assistant Professor | 3 Years |
| 4. | Ms. Nancy Sachdeva | M.Tech , B.Tech | Assistant Professor | 5 Years |
| 5. | Mr. Jitendra Kumar | M.Tech , B.Tech | Assistant Professor | 5 years |
| 6. | Mr. Anant Gupta | M.Tech , B.Tech | Assistant Professor | 7 Years |
| 7. | Mr. Srinivas Pandit | M.Tech , B.Tech | Assistant Professor | 1 Year |
| 8. | Ms. Ambika Shaktawat | EE, M.Tech | Assistant Professor | NA |

Department: Electronics and Communication Engineering

| Sl. No. | Name of the Faculty | Qualifications | Designation | Experience |
|---------|-------------------------------|--|------------------------|------------|
| 1. | Dr. Ravinder Nath Rajotiya | B.Tech, AMIE,ME(Digital System) Mphil CS P.hD | Professor | 23 Years |
| 2. | Prof. Maj. Gen M.P. Singh | M.Tech , B.Sc., B.E., | Professor | 37 Years |
| 3. | Ms. Anupriya Asthana | B.Tech., M.Tech. | Assistant Professor | 4 Years |
| 4. | Ms. Gunjan Mittal Roy | M.Tech, AMIETE,Pursuing P.hd | Assistant Professor | 12 Years |
| 5. | Mr. Ajay Sharma | M.Tech, B.Tech Ph.D (Pursuing) | Assistant Professor | 16 years |
| 6. | Ms. Shilpa Sharma | B.Tech., M.Tech. | Assistant Professor | 10 Years |
| 7. | Ms. Samidha Garg | B.Tech., M.Tech. | Assistant Professor | 10 Years |
| 8. | Ms. Tanmeet Kaur | M.Tech, B.Tech | Assistant Professor | 7 years |
| 9. | Mr. Sankhayan Chakarbarti | M.Tech, B.Tech | Assistant Professor | 5.5 Years |
| 10. | Mr. Nitin Tyagi | M.Tech, B.Tech | Assistant | 12 Years |

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|-----|---------------------|--------------------|---------------------|----------|
| | | | Professor | |
| 11. | Ms. Bhawna Sachdeva | M.Tech., B.Tech | Assistant Professor | 8 Years |
| 12. | Mr. Tarun Badiwal | ECE, M.Tech (VLSI) | Assistant Professor | 1 Year |
| 13. | Ms.Priti Sharma | ECE, M.Tech | Assistant Professor | 15 Years |

Department: Science and Humanities

| Sl. No. | Name of the Faculty | Qualifications | Designation | Experience |
|---------|----------------------|--|-----------------------------------|---------------------|
| 1. | Ms. Archana Agarwal | M.Sc., B.Sc. | Assistant Professor (Chemistry) | 12.5 Years |
| 2. | Ms. Neha Gartan | M.Sc., B.Sc. | Assistant Professor (Chemistry) | 2 Yr. |
| 3. | Mr. Amit Kumar Gupta | M.Sc., M.Tech (IIT Delhi) | Assistant Professor (Maths) | 7.5 Years |
| 4. | Mr. Pramod Singh | M.Sc., B.Sc. | Assistant Professor (Mathematics) | 3 Years |
| 5. | Ms. Jyoti Bala | M.Phil, M.Sc. | Assistant Professor (Physics) | 5 years and 2months |
| 6. | Mr. Nafees Uddin | M.Sc., B.Sc UGC – NET, Ph.D (Pursuing,ISM,Dhanbad) | Assistant Professor (Physics) | 15 Years |
| 7. | Dr. Anoop Kumar Jain | B.Tech ,M.Sc., M.Phil., Ph.D. (IIT, Roorkee) | Professor | 22 Years |

Department: B.A. LLB

| Sl. No. | Name of the Faculty | Qualifications | Designation | Experience |
|---------|---------------------|----------------|---------------------|------------|
| 1 | Ms. Apeksha Kumari | LLM | Assistant Professor | 1.6Years |

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|----|------------------------|---|---------------------|-----------|
| | | | | |
| 2 | Dr. Md. Najibur Rahman | M.A (Histroy) Ph.D | Assistant Professor | 7 Years |
| 3 | Dr. Rumi Ahmed | Ph.D | Assistant Professor | 1 Year |
| 4 | Ms. Richa Srivastava | M.A PHD | Assistant Professor | 3.5 Years |
| 5 | Mr. Ajay Kumar | MA(Social Work), LLM, M Phil, PGD (HR, IH&RL), PGD (IL&D), PGD (J), PGD(CL), PGD(PI&P), Dip (UN&IU), Parliamentary Fellow, Pursuing PhD | Assistant Professor | 6 Years |
| 6 | Ms. Navtika | LLM | Assistant Professor | 3Years |
| 7 | Ms.Radhika | LLM | Assistant Professor | |
| 8 | Dr.Saniya Chawal | MBA & Pursuing Ph.d | Assistant Professor | 3 Years |
| 9 | Dr.Akshat Dubey | Ph.d, MBA | Associate Professor | 6 Years |
| 10 | Dr. Timira | Phd, MBA | Professor | 28 Years |
| 11 | Dr.K.K.Geetha | Phd, MBA | Professor | 24 Years |

Department: B.BA. LLB Faculty

| Sl. No. | Name of the Faculty | Qualifications | Designation | Scale of Pay & Other Allowances | Experience |
|---------|----------------------|---------------------------------|---------------------|---------------------------------|------------|
| 1 | Dr. Pallavi Gupta | MA, LLM, Ph.d | HOD, Professor | 37400-67000 AGP 10000 | 14 Years |
| 2 | Dr. Ramesh Kumar | D.Phil, LL.M, UGC NET | Associate Professor | | 8 Years |
| 3 | Ms. Upma Shree | B.A,LLB and LLM | Assistant Professor | | 1.5 Year |
| 4 | Ms. Abhilasha Semwal | BA.LLB , LLM (BUSINESS LAW) | Assistant Professor | | 2.6 Years |
| 5 | Dr. Saloni Pahuja | Ph.D. , M.B.A. , B.E. , UGC-NET | Assistant Professor | | 6 Years |
| 6 | Ms. Gopika | M.Com | Assistant Professor | | 1.6 Years |
| 7 | Dr. Reeta Soni A. L | Ph.D | Associate Professor | | 11 Years |
| 8 | Mr. Gurmeet Sudhi | MA. English | Assistant Professor | | 11 Years |
| 9 | Ms. Shalini Aggarwal | Mphil | Assistant Professor | | 6 Years |
| 10 | Ms. Raveena | LLM | Assistant Professor | | 3 Years |
| 11 | Ms. Swati Sharma | BBA.BE/ MBA (Finance) | Assistant Professor | 15600-39100 AGP | 3 Years |

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Department: B.E.D

| Sl. No | Name | Qualification | Designation | Subject/Subject | Experience in B.Ed (Years) | Experience in School (Years) |
|--------|----------------------------------|--|---------------------|--|----------------------------|------------------------------|
| 1 | Dr. Rekha Mahajan | M.Sc., M.Ed. Ph.D(Education) | Professor | Teaching of Science, Educational Technology | 02 | 26 Years |
| 2 | Dr. Sanjeev Agarwal | M.Sc. (Botany), NET, M.Phil, Ph.D. | Assistant Professor | | | 13 Years |
| 3 | Ms. Neha Goyal | M.A., M.Ed., Ph.D (pursuing) UGC NET (Edu) | Assistant Professor | Teaching of English, Educational Psychology | 01.5 | 6.5 |
| 4 | Dr. Rajneer Gaur | Ph.D (Jamia Millia Islamia), M.A., M.Ed. M.Phil, UGC NET (Edu) | Assistant Professor | Philosophy , Sociology | 06.9 | 03 |
| 5 | Ms. Raisa Khan | M.A., M.Ed., Ph.D (Pursuing) Jamia Millia, Islamia), UGC NET (Edu) | Assistant Professor | Philosophy , Social Sciences | 09 | -- |
| 6 | Mr. Niyaz Varis Varasi | M.A.(HINDI, MA (POL SCIENCE) M. Ed, NET(EDUCATION) | Assistant Professor | | 08 | |
| 7 | Ms. Himani Gajwani | M.Sc(Physics)& M.Ed | Assistant Professor | | 05 | |
| 8 | Dr. D.N.Singh (Deo Nandan Singh) | B.A.,B.Ed.,MA.,M.Ed.,M.Phil, UGC-NET-Education, Ph.D, | Assistant Professor | | 13 | |
| 9 | Dr. Tandra Sharma | M.Sc (Edu);MA (Eng);M.Phil(Edu);PhD(Edu) | Professor | | 24 | |

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|----|---------------------|---|---------------------|--|----|--|
| 10 | Ms. G. Lakshmi | M.Ed (Edu) | Assistant Professor | | 10 | |
| 11 | Ms. Deepty Gupta | M.A. (Psy), M.Sc. (Chemistry 54.18%) NET-Edu, Ph.D (Pursuing) | Assistant Professor | | 07 | |
| 12 | Mr. Sanjay Bhardwaj | M.Sc., M.Ed. UGC-NET (Education) | Assistant Professor | | 15 | |

Department: BBA

| Sl. No. | Name | Qualification | Designation | Scale Of Pay & Other Allowances | Experience (Years) |
|---------|-------------------------|-----------------------|---------------------|---------------------------------|--------------------|
| 1 | Dr. Arun Kumar Singh | Ph.D/MBA/MSW/BBA | Associate Professor | | 11 Years |
| 2 | Dr. Ananta Geetey Uppal | Phd, M.Phil, MA, B.Ed | Assistant Professor | 15600-39100 | 15 |
| 3 | Dr. Kumar Ashutosh | M.A Phd | Assistant Professor | 15600-39100 | 11 |
| 4 | Mr. Vikram Kumar Sharma | MBA, UGC-NET | Assistant Professor | 15600-39100 | 3 |
| 5 | Ms. Silky Gaur | MBA UGC Net | Assistant Professor | | 4 |
| 6 | Ms. Shweta Goel | BBA MBA | Assistant Professor | | 9 |
| 7 | Ms. Shappy Jain | MBA/PGDBM (HR) | Assistant Professor | | 3 |
| 8 | Ms. Roshika | BBA. MBA | Assistant Professor | | 3.8 |
| 9 | Dr Shikha | D. Phil & M.Com | Associate | | 10 |

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|--|--|--|-----------|--|--|
| | | | Professor | | |
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Department: BCA

| Sl. No. | Name | Qualification | Designation | Scale Of Pay & Other Allowances | Experience (Years) |
|---------|---------------------------|--------------------------------|---------------------|---------------------------------|--------------------|
| 1 | Dr. Arun Kumar Chaturvedi | B. Tech, M. Tech, Ms(Qm), Ph.D | Professor | | 17 Years |
| 2 | Ms. Renu Yadav | MCA | Assistant Professor | 15600-39100 | 4.5 Years |
| 3 | Ms. Nivedita Parashar | B.Tech, M.Tech | Assistant Professor | 15600-39100 | 4.7 Years |
| 4 | Ms. Shuchi Sharma | MCA, M.Tech | Assistant Professor | 15600-39100 | 3.5 Years |
| 5 | Mr. Ghanshyam Yadav | M. Tech. (Cse) | Assistant Professor | | 6 Years |
| 6 | Ms. Bhawna Dhruv | M.Tech | Assistant Professor | | 1 Year |
| 7 | Ms. Kavita Mittal | MCA | Assistant Professor | | 11Years |

10. Non - Teaching Staff & Technical Supporting Staff

| Sr. No. | Name | Designation | Date of joining | Regular / Adhoc/ Contract/ | Scale of pay, other allowances / remuneration paid | Mode of Payment |
|---------|-----------------------|--------------------|-----------------|----------------------------|--|-----------------|
| 1 | MR. ASHISH SINGH | Admin Officer | Dec, 2009 | Regular | 9300-34800 + 5400(G.P.) | Bank Transfer |
| 2 | MR. THAKUR AJAY SINGH | Admin Officer | Sept, 2015 | Regular | 9300-34800 + 5400(G.P.) | Bank Transfer |
| 3 | MR. AJAY AGARWAL | Accountant | Feb,2008 | Regular | 9300-34800 + 5400(G.P.) | Bank Transfer |
| 4 | MR. PRABHAT CHOUDHARY | Accounts Executive | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 5 | MR. SUNIL KUMAR | Librarian | Dec,2009 | Regular | 9300-34800 + 5400(G.P.) | Bank Transfer |
| 6 | MS. BEENA KASHYAP | Librarian | Aug,2014 | Regular | 9300-34800 + | Bank Transfer |

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|----|--------------------------|------------------------------------|-----------|---------|--------------------------|---------------|
| | | | | | 5400(G.P.) | |
| 7 | MS. NUTAN DWIVEDI | Librarian (B. Ed.) | July,2015 | Regular | 9300-34800 + 5400(G.P.) | Bank Transfer |
| 8 | MR. LAL SINGH | Lab Asst. (Me) | Oct,2013 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 9 | MR. SUNIL KUMAR VIRODHIA | Lab Asst. (Me) | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 10 | MR. AJIT KUMAR SHARMA | Lab Asst. (Me) | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 11 | MR. SANJAY SINGH | Lab Asst. (Physics) | Oct,2013 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 12 | MR. SONU VERMA | Lab Asst. (Civil) | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 13 | MR. SHEELANDRA PATHAK | Lab Asst. (Civil) | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 14 | MR. PAVAN KUMAR | Lab Asst. (Ee) | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 15 | MR. ANUJ KUMAR SHARMA | Lab Asst. (Ece) | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 16 | MR. V.K. KASHYAP | System Admin | May,2014 | Regular | 9300-34800 + 5400(G.P.) | Bank Transfer |
| 17 | MS. ANJALI PATHAK | Receptionist | June,2014 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 18 | MS. MONIKA SEHGAL | Counselor | June,2014 | Regular | 9300-34800 + 5400(G.P.) | Bank Transfer |
| 19 | MR. BHUPINDER | Electrician | July,2013 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 20 | MR. BHUPENDRA KUMAR | System Admin | June,2015 | Regular | 9300-34800 + 5400(G.P.) | Bank Transfer |
| 21 | MS. SHALINI AGGARWAL | Campus Co-Ordinator | July,2015 | Regular | 9300-34800 + 5400(G.P.) | Bank Transfer |
| 22 | MR. SUNIL SINGH RAWAT | Office Supdt. / Acad. Co-Ordinator | Apr,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 24 | MS. MANISHA SETHI | Senior Campus Co-Ordinator | Oct,2015 | Regular | 37400-67000 + 8900(G.P.) | Bank Transfer |
| 25 | MR. SUJEET KUMAR | Acad. Assistant | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 26 | MS. SHIKHA RANA | Academic Co-Ordinator | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 27 | MR. RAHUL BANGIA | System Admin | Sept,2015 | Regular | 9300-34810 + 5400(G.P.) | Bank Transfer |
| 28 | MR. ANUJ KUMAR TYAGI | Lab Asst. (Chemistry) | Sept,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 29 | MR. BABLU | Peon | Feb,2014 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 30 | MR. BABU | Peon | Sept,2014 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 31 | MR. DHARMENDRA | Peon | Feb,2009 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |

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|----|---------------------|------------|-----------|---------|---------------------------|---------------|
| 32 | MR. AMIT SINGH | Peon | Apr,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 33 | MR. SUNIL KUMAR | Peon | Aug,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 34 | MR. SUBHASH SINGH | Gardener | May,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 35 | MR. AJIT KUMAR | Gardener | July,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 36 | MR. SADHU | Plumber | Aug,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 37 | MR. SHALINDER KUMAR | Bus Driver | Aug,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 38 | MR. GANGA PRASAD | Bus Driver | Aug,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 39 | HARNESH KUMAR | Bus Driver | Sept,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |
| 40 | MR. SHALINDER KUMAR | Peon | Sept,2015 | Regular | 5200-20200+ 2400(G.P.) | Bank Transfer |

11 Details of Books

| A | Details of Books | Programmes | | | | | |
|----|---|------------|-------------------|--------|------|------|------|
| | | B.Tech | BA LLB | BBALLB | B.Ed | BBA | BCA |
| 1. | Number of Titles | 1043 | 346 | 327 | 1031 | 211 | 211 |
| 2. | Number of Volumes | 5008 | 1142 | 1147 | 3067 | 1732 | 1006 |
| 3. | Total number of books | | | | | | |
| 4. | No. of Journals (National & International) | B.Tech | BA LLB BBA LLB | | B.Ed | BBA | BCA |
| | National | 30 | 03 | | 8 | -- | -- |
| | International | 15 | 01 | | 2 | -- | -- |
| | Total | 45 | 04 | | 10 | -- | -- |

| | | |
|----------|---------------------------|--|
| B | Details of Digital | |
|----------|---------------------------|--|

| | | |
|-------------|---|--|
| | Facilities | |
| | E-Books | All Digital Content is accessible through Delnet including E Books, E Journals and AV MAterial |
| | E- Journals | |
| | Educational Video | |
| | Member of DELNET (Network Database) | |
| (i) | Whether library operations computerized, internet facility, Reading room facilities, Photocopying facilities available, If yes, give details. | Yes with Online access to Library resources |
| (ii) | Inter library linkage facilities | Yes |
| C | Reading Room and Reprographic facilities (photocopier and book binding) | Reading room and Photocopy facilities available |

12. Status of Labs / Workshops (to be mentioned programme-wise):

Parameters

| | |
|---|-----|
| Availability of equipments / instruments, work table / work stations shall be as per the requirement | Yes |
| Minimum Technical Lab staff shall be: One Lab Assistant & One Lab Attendant for each labs & for Central/Mechanical workshop: One workshop Superintendent, One Sr. Mechanic & One Junior Mechanic. | Yes |
| Size of the lab as per norms of statutory body | Yes |

13. Conferencing / Instructional Facilities:-

| | Parameters | |
|---|--------------------------------|-----|
| | Availability of: | |
| 1 | NKN Link | Yes |
| 2 | Edusat | No |
| 3 | Conferencing facility | Yes |
| 4 | Video multimedia | Yes |
| 5 | LCD | Yes |
| 6 | Overhead Projector with screen | Yes |
| 7 | Interactive boards | |
| 8 | Wi-Fi connectivity | Yes |

14. Ancillary and Other Essential Facilities:

| | Parameters | |
|---|---|------------|
| 1 | Medical / First –Aid facility with Medical Room and availability of Doctors | Yes |
| 2 | Sports and games (indoor / outdoor) | Yes |
| 3 | Computer and Internet facility for the faculty members | Yes |
| 4 | Facilities for physically handicapped | Ramp, Lift |
| 5 | Separate common rooms for boys and girls | Yes |
| 6 | Students canteen | Yes |
| 7 | Availability of generator | Yes |
| 8 | Potable water and water coolers for summer season | Yes |
| 9 | Faculty cubicles | Yes |

15. Details of other Facilities Available (Yes / No):

| | | |
|---|--|-----|
| 1 | Drinking Water | Yes |
| 2 | Generator | Yes |
| 3 | Bank facility | |
| 4 | Facilities provided for physically Handicapped | Yes |
| 5 | Transport facilities | Yes |
| 6 | Medical facilities | Yes |

16. Details of the Labs/Workshops/Work stations available:

Department of Science & Humanities

Name of the Laboratory: Applied Physics Lab I & II (ETPH 151 & 152)

| S.No. | Major Equipment Available |
|-------|--|
| 1 | Hall Effect Experiment Setup (Electromagnets, Hall Probe, Gauss Meter, Gauss Probe, Power Supply, etc.) |
| 2 | Stefan's Law by Electrical Method Experiment Setup |
| 3 | Energy Band Gap Experiment Setup (Oven, Thermometer, etc.) |
| 4 | Half Shade Polarimeter (Polarimeter tube, sodium lamp, etc.) |
| 5 | Wavelength of Sodium Light by Spectrometer and Grating Experiment Setup |
| 6 | Newton Ring Experiment Setup |
| 7 | He-Ne Laser Setup |
| 8 | Planck's Constant Experiment Setup |
| 9 | Numerical Aperture of Optical Fibre Experiment Setup |
| 10 | Refractive Index of material of Glass Prism Experiment Setup |
| 11 | Inverse Square Law Experimental Setup |
| 12 | ECE of Copper Experimental Setup (Tangent Galvanometer, Voltmeter, Copper Sulphate) |
| 13 | Carey Foster Bridge Experimental Setup |
| 14 | e/m of and Electron by JJ Thomson Method Experimental Setup |
| 15 | Sonometer Experiment Setup |
| 16 | Charging and discharging of a Capacitor Experimental Setup |
| 17 | Thermal Conductivity by Lee Disk Experimental Setup |
| 18 | Frequency of an electrically maintained tuning fork by Melde's Method Experimental Setup |
| 19 | Zener characteristic Experimental Setup |
| 20 | Fresnel's Biprism Experimental Setup |

List Of Major Apparatus Present In Chemistry Lab

| Sr. No. | A P P A R A T U S N A M E |
|---------|-----------------------------------|
| 1 | W E I G H I N G B A L A N C E |
| 2 | C O N D U C T I V I T Y M E T E R |

| | | | | | | | | | | | | | | | | |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 0 | V | E | N | | | | | | | | | | | | |
| 4 | W | A | T | E | R | B | A | T | H | | | | | | | |
| 5 | D | I | S | T | I | L | L | A | T | I | O | N | U | N | I | T |
| 6 | P | H | M | E | T | E | R | | | | | | | | | |
| 7 | C | O | L | O | R | I | M | E | T | E | R | | | | | |
| 8 | M | A | G | N | E | T | I | C | S | T | I | R | R | E | R | |
| 9 | V | A | C | U | U | M | P | U | M | P | | | | | | |
| 10 | T | U | R | B | I | D | I | T | Y | M | E | T | E | R | | |

DEPARTMENT OF CIVIL ENGINEERING

Geology Building Materials Lab

| S.No. | Name of Equipment |
|-------|--------------------------------------|
| 1 | Blame air permeability apparatus |
| 2 | Cube moulds |
| 3 | Cylindrical moulds |
| 4 | Compactio9n factor apparatus |
| 5 | G.I Sieve set (for coarse aggregate) |
| 6 | Picnometer |
| 7 | Minerals & Rocks sample |

Surveying & Advance Surveying

| S.No. | Name of Equipment |
|-------|------------------------|
| 1 | Total Station |
| 2 | Dumpy Level |
| 3 | Auto Level |
| 4 | Plane Table |
| 5 | Electronics theodolite |

Cement & Concrete Testing Lab

| S.No. | Name of Equipment |
|-------|-------------------|
| 1 | Vicat apparatus |

| | |
|---|---------------------------------------|
| 2 | Vee- Bee Consistometer |
| 3 | Le –Chatelier appartus |
| 4 | Copper Sieve set (for Fine aggregate) |
| 5 | Length gauges |
| 6 | Motorzied sieve shaker |
| 7 | Slump cone apparatus |

Geotechnical Engineering Lab

| S.No. | Name of Equipment |
|-------|----------------------------------|
| 1 | Unconfined compression apparatus |
| 2 | Triaxial compression apparatus |
| 3 | Plate load |
| 4 | Direct shear apparatus |
| 5 | Rapid moisture meter |

Water & Waste Water Analysis Lab

| S.No. | Name of Equipment |
|-------|----------------------------|
| 1 | COD Reflux Unit |
| 2 | BOD Incubator |
| 3 | Digital pH Meter |
| 4 | Digital Conductivity Meter |
| 5 | Digital Turbidity Meter |
| 6 | Digital DO Meter |
| 7 | Oven |
| 8. | Imhoff Cone |

Structural Engineering Lab

| S.No. | Name of Equipment |
|-------|---------------------------------|
| 1 | Two hinged arch |
| 2 | Three hinged arch |
| 3 | Truss |
| 4 | Curved member apparatus |
| 5 | Pin jointed apparatus |
| 6 | Redundant joint apparatus |
| 7 | Unsymmetrical bending apparatus |

ENGINEERING MECHANICS & STRENGTH OF MATERIAL LAB

| Sl.No. | Name of Equipment |
|---------------|---|
| 1 | Pendulum Impact Testing Machine |
| 2 | Rockwell cum Brinell Testing Machine |
| 3 | Inclined Plane for Friction Coefficient Calculation |
| 4 | Torsion Testing Machine |
| 5 | Jointed Roof on Wheel with Weight |
| 6 | Apparatus to Prove Law of Triangle and Parallelogram of Forces |
| 7 | Apparatus to Prove Law of Conservation of Moments |
| 8 | Screw Jack |
| 9 | Simple Truss |
| 10 | Wheel and Axle Apparatus |
| 11 | Universal Testing Machine(UTM) |
| 12 | Spring Index Machine |
| 13 | Fatigue & Creep Testing Machine |
| 14 | Universal Testing Machine |
| 15 | Cantilever Apparatus for Calculation of Coefficient of Elasticity |
| 16 | Flexural Testing Apparatus |
| 17 | Column Buckling Apparatus |
| 18 | Cantilever Mechanism for Two Point Load System |
| 19 | Worm and Worm Wheel Apparatus |

1. KINEMATICS OF MACHINE LAB

| Sl.No. | Name of Equipment |
|---------------|---|
| 1 | Peculiar Linkage Drive Model Two Crank Linkage Drive Model Slide Crank Mechanism Scotch Yoke Mechanism |
| 2 | Inversion of Single Slide Crank Mechanism |
| 3 | Four Bar Link Mechanism |
| 4 | Four Bar Link Mechanism |
| 5 | Cam Analysis Apparatus with Dimmer & Gauge |
| 6 | Model of Gears (Helical, Spiral, Worm & Bevel) |
| 8 | Inversion of Single Slide Crank Mechanism |

2. Dynamics of Machine Labs

| Sl.No. | Name of Equipment |
|--------|---|
| 1 | Universal governor apparatus |
| 2 | Motorized gyroscope apparatus |
| 3 | Static & dynamic balancing apparatus |
| 4 | Whirling of shaft apparatus |
| 5 | Vibration lab apparatus |
| 6 | Coriolis components accelerator apparatus |

3. I C Engine Lab and Gas Turbines Lab

| Sl.No. | Name of Equipment |
|--------|---|
| 1 | 4 stroke 1 cylinder engine diesel cut section |
| 2 | 4 stroke 1 cylinder petrol engine cut section |
| 3 | Diesel Engine test ring |
| 4 | 4 stroke 4 cylinder diesel test ring |
| 5 | 2 stroke petrol engine test ring |
| 6 | 4 stroke 4 cylinder petrol test ring |
| 7 | Cut section of Carburetor |
| 8 | Cut section of automobile cooling system |

4. Heat and Mass Transfer Lab

| Sl.No. | Name of Equipment |
|--------|---|
| 1 | Thermal conductivity of metal rod apparatus |
| 2 | Thermal conductivity of an insulating powder apparatus |
| 3 | Heat transfer through composite walls apparatus |
| 4 | Heat transfer in natural convection apparatus |
| 5 | Heat transfer in forced convection apparatus |
| 6 | Pin- fin apparatus |
| 7 | Stefan Boltzmann apparatus |
| 8 | Emissivity measurement apparatus |
| 9 | Parallel flow and counter flow heat exchanger apparatus |
| 10 | Lagged pipe apparatus |
| 11 | Critical heat flux apparatus |

5. Production Technology Lab

| Sl.No. | Name of Equipment |
|--------|-------------------|
|--------|-------------------|

| | |
|----|---------------------------|
| 1 | Center Lathe |
| 2 | Universal Milling Machine |
| 3 | Shaper Machine |
| 4 | Pillar Drilling Machine |
| 5 | Grinding Machine |
| 6 | Gas Welding Equipment |
| 7. | Power Hacksaw |
| 8. | Hydraulic Press |

6. Mechanical Engineering Workshop Practice Lab

| Sl.No. | Name of Equipment |
|-------------------------|--------------------------------|
| Black Smith Shop | |
| 1 | Anvil |
| 2 | Swage block |
| 3 | Different Type of Hammers |
| 4 | Different Type of Tongs |
| Machine Shop | |
| 1. | Bench vice |
| 2. | Centre Lathe Machine |
| 3. | Grinding Machine |
| Carpentry Shop | |
| 1. | Carpentry vice |
| 2. | Sand Casting Kit |
| 3. | Different Type of Files |
| 4. | Different Type of Shaw |
| 5. | Different Type of Files |
| Fitting Shop | |
| 1. | Bench vices |
| 2. | V- Block |
| 3. | Hand hackshaw |
| Sheet Metal Shop | |
| 1. | Wood mallet |
| 2. | Different Type of punches |
| 3. | Try square |
| 4. | Surface Plate |
| 5. | Jigs & Fixtures |
| Welding Shop | |
| 1. | Electric Arc Welding apparatus |
| 2. | Gas welding apparatus |
| 3. | Different jigs & fixtures |

| Sheet Metal Shop | |
|-------------------------|----------------------------------|
| 1. | Simple die and punch assembly |
| 2. | Compound Die & Punch Assembly |
| 3. | Progressive Die & Punch assembly |

7. Fluid Mechanics Lab

| Sl.No. | Name of Equipment |
|---------------|--|
| 1 | Meta centric Height Set up |
| 2 | Orifice -meter Experimental Set up |
| 3 | Venturimeter Experimental Set up |
| 4 | Losses Determination During Pipe Flow Set up |
| 5 | Reynolds Number Set up |
| 6 | Notches Experimental Set up |
| 7 | Mouthpiece and Orifice Meter Experimental Set up |
| 8 | Bernoulli's Verification Experimental Set up |

8. Fluid Machines Lab

| Sl.No. | Name of Equipment |
|---------------|--------------------------|
| 1 | Francis Turbine |
| 2 | Kaplan Turbine |
| 3 | Pelton Wheel Turbine |
| 4 | Centrifugal Pump |
| 5 | Reciprocating Pump |
| 6 | Reynolds Apparatus |

Department of Electrical Engineering

NAME OF THE LAB: ANALOG ELECTRONICS – II LAB (ETEE – 258)

| Sl. No. | Name of the Equipment with Specifications |
|----------------|--|
| 1. | Kit to Study the op-amp(IC-741) as Inverting and Non-inverting Amplifier |
| 2. | Kit to Study the op-amp R-C Differentiating Circuits and R-C |

| | |
|-----|---|
| | Integrating Circuits for Square Wave Input |
| 3. | Kit to Study the op-amp(IC-741) as Adder, Subtractor, Voltage Follower |
| 4. | Kit to Construct and Study Biased and Unbiased Series and Shunt Clipping Circuits and Combinational Clipper Circuits for Positive and Negative Peak Clipping of a Sine Wave |
| 5. | R-C Phase Shift Oscillator |
| 6. | Complete Setup to Study Wien Bridge Oscillator and Measurement of Frequency and Amplitude of Oscillations using op-amp |
| 7. | Kit to Study the Waveform of a Square Wave Generator using op-amp(IC-741) |
| 8. | Kit to Study the Waveform of Schmitt Trigger Circuit |
| 9. | Kit to study Precision Rectifier Circuit using op-amp(IC-741) |
| 10. | Kit to Study Monostable Multivibrator Using 555 Timer |
| | |
| 11. | Kit to Study Astable Multivibrator Using 555 Timer |
| 12. | Kit to Study Sallen Key Voltage Controlled Voltage Source Active Filters |
| 13. | Connecting Probes with double sided clips |

NAME OF THE LAB: Control Engineering LAB (ETEE – 258)

| Sl. No. | Name of the Equipment with Specifications |
|----------------|--|
| 1. | P, PI , PID, Controller Trainer Kit |
| 2. | Speed Control System (Comparison of Open Loop & Closed Loop Control) |
| 3. | To Study the Characteristics of Positional Error Detector by Angular Displacement of Two Servo Potentiometers for D.C. and A.C Excitations |
| 4. | Lead- Lag Compensator Trainer Kit |
| 5. | To Study the Synchro Transmitter in terms of Position v/s Phase and Voltage Magnitude with respect to Rotor Voltage Magnitude / Phase |
| 6. | Magnetic Amplifier Trainer Kit |
| 7. | Time Response Study Kit |
| 8. | Synchro Transmitter & Receiver Pair To Study the Remote Position |
| 9. | A.C. Servo Motor (Speed Torque Characteristics) |
| 10. | Transfer Function of Field Controlled DC motor Trainer kit |
| 11. | Transfer Function of Armature Controlled DC motor Trainer kit |

| | |
|-----|--|
| 12. | SPST, DPST, DPDT, TPST, TPDT Knife Switches |
| 13. | Digital Tacho Meters capable of measuring speeds upto 10,000 rpm |
| 14. | Digital Multi Meters |
| 17. | Connecting Probes with double sided clips |

NAME OF THE LAB: Electrical Machines – I Lab (ETEE – 252)

| Sl. No. | Name of the Equipment with Specifications |
|----------------|---|
| 1. | 2 KVA, 230V:230V Transformer with 0, 50%, 86.6%, 100% Tapings |
| 2. | 1 KVA, 230V:230V Transformer with 0, 50%, 86.6%, 100% Tapings |
| 3. | Single Phase 8A, 0-230V Auto-Transformers |
| 4. | 3-Phase, 15A, 0-440V Auto-Transformers |
| 5. | 5 HP, 230V, 1500 rpm DC Shunt Motor |
| 6. | 5HP 230V, 1500 rpm Compound Motor Coupled to 3.7 KW, 1500 rpm, DC Shunt Generator |
| 7. | 5HP 230V, 1500 rpm DC Compound Motor Coupled to 3.7 KW, 1500 rpm, DC Compound Generator |
| 8. | 5 HP, 230V, 1500 rpm DC Compound Motor with Mechanical Loading arrangement |
| 9. | 5 HP, 230V, 1500 rpm DC Series Motor with Mechanical Loading arrangement |
| 10. | 5HP 230V, 1500 rpm DC Shunt Motor Coupled to 3.7 KW, 1500 rpm, DC Series Generator |
| 11. | 0-300V Continuously Variable, 100A DC Rectifier Unit |
| 12. | Wire wound Rheostats: 1. 50Ω, 8A 2. 145Ω, 2.6A 3. 360Ω, 1.9A 4. 1000Ω, 1A |
| 13. | Digital Tacho Meters capable of measuring speeds up to 10,000 rpm |
| 14. | Analog Tacho Meters capable of measuring speeds up to 10,000 rpm (Techlok Make) |
| 15. | Digital Multimeters |
| 16. | DC Ammeters 1. 0-1/2 A |

| | |
|-----|---|
| | 2. 0-2.5/5 A 3. 0-5/10 A 4. 0-10/20 A |
| 17. | DC Voltmeters 30/60 V |
| 18. | DC Voltmeters 1. 150/300 V 2. 300/600 V |
| 19. | AC Ammeters 1. 0-1/2 A 2. 0-2.5/5 A 3. 0-5/10 A 4. 0-10/20 A |
| 20. | AC Voltmeters 1. 30/60 V 2. 150/300 V |
| 21. | AC Voltmeters 300/600 V |
| 22. | LPF Watt meters 1. 0-1/2A, 0-75/150/300 V 2. 0-1/2A, 0-150/300/600 V 3. 0-2.5/5 A, 0-150/300/600 V |
| 23. | UPF Watt meters 1. 0-2.5/5 A, 0-150/300/600 V 2. 0-5/10 A, 0-150/300/600 V 3. 0-10/20 A, 0-150/300 V |

NAME OF THE LAB: Electrical Machines Lab II (ETEE – 253)

| Sl. No. | Name of the Equipment with Specifications |
|---------|---|
| 1. | 2/3 H.P.,1440 RPM, 230 Volts, Capacitor-Start Normal-Run, 1-Phase Induction Motor with Base Plate and Mechanical Loading Arrangement (Crompton Greaves / Kirloskar Make) |
| 2. | 5 H.P.,1440 RPM, 400 / 440 Volts,3-Phase Squirrel-Cage Induction Motor with Base Plate and Mechanical Loading Arrangement (Crompton Greaves / Kirloskar Make) |
| 3. | 5 H.P.,1440 RPM, 400 / 440 Volts,3-Phase Slip-Ring Induction Motor with Base Plate and Mechanical Loading Arrangement (Crompton Greaves / Kirloskar Make) |
| 4. | 5 H.P.,1500 RPM, 230 Volts, D.C Shunt Motor coupled to 3 KVA, 1500 RPM, 400 Volts, 3-Phase Non-Salient Pole Alternator with Base Plate and Coupling Arrangement |
| 5. | 5 H.P.,1500 RPM, 230 Volts, D.C Shunt Motor coupled to 3 KVA, 1500 RPM, 400 Volts, |

| | |
|-----|---|
| | 3-Phase Salient Pole Alternator with Base Plate and Coupling Arrangement |
| 6. | 5 H.P.,1500 RPM, 400 / 440 Volts,3-Phase Direct Start Synchronous Motor with Damper Windings, Base Plate and Mechanical Loading Arrangement |
| 7. | 5 KW , 400 Volts, 3-phase Loading Rheostats |
| 8. | 400 Volts, 0-10 Amps, Continuously Variable , Loading Inductor with all the Terminals brought out for external connections |
| 9. | 5 KW , 400 Volts, 3-phase Capacitive Load |
| 10. | Panel Boards for 1-Phase Induction Motors |
| 11. | Panel Boards for 3-Phase Induction Motors |
| 12. | Panel Boards for 3-Phase Synchronous Motor |
| 13. | Panel Board for D.C Shunt Motor Coupled to 3-phase Alternator |
| 14. | STAR/DELTA Starters suitable for 5 H.P. Induction Motors (Havel / Cutler Hammer / Standard Make) |
| 15. | DIRECT ON LINE Starters suitable for 5 H.P. Induction Motors (Havel / Cutler Hammer / Standard Make) |
| 16. | SPST, DPST, DPDT, TPST, TPDT Switches Mounted on Hylam Sheet with BTI Terminals for External Wiring |
| 17. | Synchronizing Panel |
| 18. | Phase Sequence Indicator (MECO Make) |
| 19. | Synchroscope |

NAME OF THE LAB: Electrical Measuring Instruments and Transducers Lab (ETEL-258)

| Sl. No. | Name of the Equipment with Specifications |
|---------|---|
| 1. | Whetstone's Bridge with Unknown Resistance Specimen |
| 2. | Kelvin's Double Bridge with Unknown low Resistance Specimen |
| 3. | Maxwell's Inductance –Capacitance Bridge with Unknown Inductance Specimen |
| 4. | Anderson Bridge with Unknown Inductor Specimen |
| 5. | De-Sauty's Bridge with Unknown Capacitor Specimen |
| 6. | Crompton's D.C Potentiometer |
| 7. | Weston Standard Cell (1.018 Volts) |
| 8. | Four Terminal Standard Resistances (0.01 Ω and 0.1 Ω) |
| 9. | Volt –Ratio Box |
| 10. | Spot Deflecting Galvanometer |
| 11. | Decade Resistance Boxes (6 Dials) |
| 12. | Decade Inductor Boxes (6 Dials) |
| 13. | Decade Capacitor Boxes (6 Dials) |
| 14. | 30 MHz Cathode Ray Oscilloscope with Probes |
| 15. | 230 Volt, 5/10 Amps, 1-Phase Energy Meter |
| 16. | 230 Volt, 5/10 Amps, 1-Phase Electronic Energy Meter |
| 17. | 400 Volts 10/20 Amps, 3-Phase 3-Element Energy Meter |
| 18. | 400 Volts 10/20 Amps, 3-Phase Electronic Energy Meter |

| | |
|-----|---|
| 19. | 230 Volt, 3 KW, Loading Rheostats |
| 20. | 400 Volt, 5 KW, Loading Rheostats |
| 21. | 400 Volt, 500 VA, 3-Phase, Phase Shifting Transformer With All Terminals Brought Out For External Connections |
| 22. | 15-30 / 5Amps, Current Transformers, With All Terminals Brought Out For External Connections |
| 23. | Tri Vector Meter |
| 24. | LVDT Kit (Complete Set) |
| 25. | RTD, Thermocouple Kit (Complete Set) |
| 26. | Strain Gauge Kit (Complete Set) |
| 27. | A.C. Potentiometer |
| 27. | Connecting Probes with double sided clips |
| 28. | Stop Watch (Dial Type) |
| 29. | Digital Multi Meters |

Name of the Lab : Electronic Measurements and Instrumentation lab (ETEE-257)

| Sl.No. | Name of the equipment with specification | Quantity Available |
|--------|--|--------------------|
| 1. | Wheat stone bridge | 01 |
| 2 | Maxwell inductance -Capacitance Bridge with unknown inductance and capacitance specimens | 01 |
| 3 | Wein's series and parallel bridge with unknown capacitance specimen | 01 |
| 4 | 30 MHZ dual trace cathode ray oscilloscope | 02 |
| 5 | Strain Gauge (variable resister transducer) | 01 |
| 6 | Analog Multimeter | 01 |
| 7 | Modern Digital Multimeters | 05 |
| 8 | LCQR Meter (MECO/AE Make) | 02 |
| 9 | LVDT trainer kit | 01 |
| 10 | Magnetic amplifier trainer kit | 01 |
| 11 | Arbitrary waveform generator kit | 01 |
| 12 | 3MHz Function generator | 02 |
| 13 | Patch cords | 50 |
| 14 | Analog and digital I.C tester (Universal I.C tester) | 02 |

| | | |
|-----|---|----|
| 15. | Thermocouple and RTD trainer kit (Temperature Measurement) | 01 |
| 16. | Storage Oscilloscope | 01 |
| 17. | Distortion Meter | 01 |

NAME OF THE LAB: Power Systems – I Lab (ETEE – 256)

| Sl. No. | Name of the Equipment with Specifications |
|---------|--|
| 1. | Study of Constructional Features, Applications, Power Rating of LT and HT cables |
| 2. | Measurement of Inductance, Capacitance, Resistance and Insulation Resistance of multi core cables LCR Meter |
| 3. | Study and Calculation of ABCD Parameters for a Transmission Line |
| 4. | Study of Ferranti Effect for Transmission Line |
| 5. | Calculation of Earth Resistance using Earth Electrodes and Megger |
| 6. | Dielectric Strength of Transformer Oil using Transformer Oil Testing Kit |
| 7. | Cable Fault Location Using Murray's Loop Test |

Department of Electronics & Communication Engineering

Name of the lab : Analog Electronics lab (ETEC-251)

| S.No | Name of the Equipment with specification |
|------|--|
| 1. | 0-30 V, 05 Amp ,Dual type regulated power supply |
| 2 | OP-AMP trainer kit(to use it as Differentiator, Integrator , Subtractor and Adder in both inverting and non inverting modes |
| 3 | Digital Multi meters |

| | |
|----|---|
| 4 | DC Milli Ammeter (0-100,0-250,0-500) mA |
| 5 | DC Micro Ammeter (0-50,0-100,0-250) micro ammeter |
| 6 | Bread Boards |
| 7 | Bias stabilization study kit |
| 8 | Double stage RC coupled amplifier |
| 9 | Patch cords with double sided clips |
| 10 | Function generator 3MHZ |
| 11 | Hartley oscillator study kit |
| 12 | Colpitts oscillator study kit |
| 13 | RC phase shift oscillator study kit |
| 14 | Wein bridge oscillator study kit |
| 15 | 230/12-0-12V ,500 mA transformer |

NAME OF THE LAB: Communication Systems Lab (ETEC 256)

| Sl. No. | Name of the Equipment with Specifications |
|---------|--|
| 1. | Generation of DSB-SC AM Signal using Balanced Modulator |
| 2. | Kit to Study Amplitude Demodulation by Linear Diode Detector |
| 3. | Kit for the Generation of SSB AM Signal |
| 4. | Kit to Generate a FM Signal using Varactor Modulation |
| 5. | Kit to Generate a FM Signal using Reactance Modulation |
| 6. | Kit to Study the Envelope Detector for Demodulation of AM Signal and Observe Diagonal Peak Clipping Effect |
| 7. | Kit to Generate FM Signal using Voltage Controlled Oscillator |
| 8. | Detection of FM Signal using PLL |
| 9. | Detection of FM Signal using Foster Seelay Method |

| | |
|-----|--|
| | |
| 10. | Kit to Study Super Heterodyne AM Receiver and Measurement of Receiver Parameters |
| 11. | RF Power Generator |
| 12. | RF Power Meter |
| 13. | Kit to Study Pre-Emphasis and De-Emphasis in FM |
| 14. | Generation of Phase Modulated and Demodulated Signal. |
| 15. | Connecting Probes with double sided clips |
| 16. | Digital Multi Meters |

NAME OF THE LAB: Network Analysis and Synthesis Lab (ETEC 258)

| Sl. No. | Name of the Equipment with Specifications |
|----------------|--|
| 1. | Transient Response of Series RLC Circuit for different types of Input Waveforms |
| 2. | Time Response of 1 st and 2 nd Order Type-0, Type-1 Systems for Unit Step and Square Wave Inputs |
| 3. | Z and Y Parameter Estimation Kit |
| 4. | ABCD Parameter Estimation Kit |
| 5. | Hybrid Parameter Estimation Kit |
| 6. | Z Parameters Estimation Kit for Two 2-Port Networks Connected in Series-Series Mode |
| 7. | Y Parameters Estimation Kit for Two 2-Port Networks Connected in Parallel-Parallel Mode |
| 8. | h Parameters Estimation Kit for Two 2-Port Networks Connected in Series-Parallel Mode |
| 9. | ABCD Parameters Estimation Kit for Two 2-Port Networks Connected in Cascade Mode |
| 10. | Reciprocity Theorem Verification Kit |
| 11. | Kit for Frequency Response of different Filter Circuits |
| 12. | |

| | |
|-----|---|
| | Patch Cards with Double Sided Clips |
| 13. | Digital Multimeters with 3 ½ Digit Display and Facility for Measuring Voltage, Current, Resistance, Temperature, h_{fe} and Frequency |

NAME OF THE LAB: Switching Theory and Logic Design Lab(ETEC – 253)

| Sl. No. | Name of the Equipment with Specifications |
|---------|--|
| 1. | Logic Gate Trainer Kit |
| 2. | Adder and Subtractor study kit |
| 3. | Flip-Flop Trainer Kit |
| 4. | Synchronous Counter Trainer Kit |
| 5. | Ripple Counter Trainer Kit |
| 6. | Decade Counter Trainer Kit |
| 7. | BCD to Excess-3 Converter Kit |
| 8. | Digital IC Trainer Kit |
| 9. | Patch Cords with Clips at both ends |
| 10. | 555 Timer Circuit study Kit (Mono stable, Bi-Stable and Astable Modes of Operation) |
| 11. | Analog to Digital Converter Trainer Kit |
| 12. | Digital to Analog Converter Trainer Kit |
| 13. | Multiplexer and De-multiplexer Study Kit |
| 14. | Encoder and Decoder Study Kit |

17. Details of Computer Centre:

| Name of Laboratory | Name of Department | No. Of System/ | No of Computers with Configuration (Programme | Other Equipment (LAN//Printers/ | Legal Software (System & Application) |
|--------------------|--------------------|----------------|---|---------------------------------|--|
|--------------------|--------------------|----------------|---|---------------------------------|--|

| | | Server | wise) | Firewall etc.) | |
|-------------|-----------------|---------------|---|--------------------------------|---|
| Server Room | All Departments | 02 | Intel (R) Xeon (R) CPU-E3-1220 v3, 3.10 GHz, 3.10 GHz,, 4gb RAM, 32 Bit. | Yes//01/Quick Heal/Linux Squid | Windows Server, Linux Server, MSDN |
| Lab-01 | Law | 60 | Acer Core i3, Processor E500,DDR3 2GB RAM, SATA 320 GB HDD, with 18.5” LCD monitor, optical mouse and keyboard | Yes/02/Quick Heal/Linux Squid | MSDN/Turbo C/ Windows 7, Quick Heal Anti Virus, Turbo C, Adobe Reader, |
| Lab-02 | BBA/BCA | 30 | Acer Core i3,Processor-E500, DDR3 2GB RAM, SATA 500 GB HDD, with 18.5” LCD monitor, optical mouse and keyboard | Yes/01/Quick Heal/Linux Squid | MSDN/Turbo C/ Windows 7, Quick Heal Anti Virus, Turbo C, Adobe Reader, |
| Lab-04 | B.Tech | 30 | Acer Core i3,Processor-E500, DDR3 2GB RAM, SATA 500 GB HDD, with 18.5” LCD monitor, optical mouse and keyboard | Yes/01/Quick Heal/Linux Squid | MSDN/Turbo C/ Windows 7, Quick Heal Anti Virus, Turbo C, Adobe Reader, |
| Lab-05 | B.Tech | 30 | Acer Dual core , Processor 1.8 GHz, DDR2 1GB RAM, SATA 160 GB HDD, Combo Drive with 15” LCD monitor, optical mouse and keyboard | Yes/01/Quick Heal/Linux Squid | MSDN/Turbo C/ Windows 7, Quick Heal Anti Virus, Turbo C, Adobe Reader, |
| Lab-06 | B.Ed | 30 | Acer Dual core , Processor 1.8 GHz, DDR2 1GB RAM, SATA 160 GB HDD, Combo Drive with 15” LCD monitor, optical mouse and keyboard | Yes/01/Quick Heal/Linux Squid | MSDN/Turbo C/ Windows 7, Quick Heal Anti Virus, Turbo C, Adobe Reader, |

18. Any new initiatives/achievements: